

Conceptronic C150APM Snelstartgids

Gefeliciteerd met uw nieuwe Conceptronic 150N Wireless Access Point

In deze snelstartgids vindt u stap-voor-stap instructies voor de installatie van de Conceptronic C150APM.

Als u meer informatie of ondersteuning voor uw product nodig heeft, kunt u het beste naar onze **Service & Support** website op www.conceptronic.net gaan en een van de volgende mogelijkheden kiezen:

- **FAQ** : Database met veel gestelde vragen
- **Downloads** : Gebruiksaanwijzingen, stuurprogramma's, firmware en overige downloads
- **Contact** : Contact opnemen met Conceptronic Support

Voor algemene informatie over Conceptronic producten gaat u naar de Conceptronic website op www.conceptronic.net.

De informatie in deze snelstart installatiegids is gebaseerd op Windows 7 en Windows Vista en kan dus afwijken van het gebruik op uw computer als deze een ander besturingssysteem heeft.

NB: In deze snelstartgids vindt u alleen de basisstappen om de C150APM in gebruik te nemen. Zie voor meer informatie over de functies en mogelijkheden van de C150APM de gebruiksaanwijzing (User's Manual, uitsluitend in het Engels) op de meegeleverde product-cd. Wacht tot het automatische menu is gestart en selecteer 'View User Manual' (gebruiksaanwijzing bekijken).

Om de Engelstalige gebruiksaanwijzing te kunnen bekijken, moet het programma Adobe Reader op uw computer zijn geïnstalleerd. Als dit niet zo is, selecteert u 'Install Adobe Reader' in het automatische menu (alleen voor Windows).

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1. Inhoud verpakking

U vindt de volgende items in de verpakking van de Conceptronic 150N Wireless Access Point:

- Conceptronic C150APM - 150N Wireless Access Point
- Netvoeding 5V gelijkstroom, 1A
- Antenne voor draadloze connectiviteit
- LAN netwerkkabel
- Product-cd
- Deze meertalige snelstart installatiegids
- Garantiekart en boekje CE-verklaring

2. Standaardinstellingen

De volgende instellingen van de C150APM zijn standaard al ingevuld:

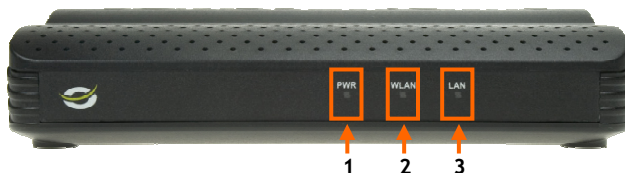
<u>IP-adres</u>	: 192.168.0.2
<u>Subnetmasker</u>	: 255.255.255.0
<u>Standaardgateway</u>	: 192.168.0.1
<u>Username</u> (Gebruikersnaam)	: admin
<u>Password</u> (Wachtwoord)	: admin

NB: We raden u sterk aan het wachtwoord te veranderen wanneer u de C150APM voor de eerste keer configureert. Wanneer u bent aangemeld via de stappen uit **paragraaf 6.1** kunt u het wachtwoord wijzigen bij de optie “**System Settings**” (Systeeminstellingen).

<u>SSID</u> (Naam draadloos netwerk)	: C150APM
<u>Security level</u> (Beveiligingsniveau)	: WPA/WPA2 Mixed Mode met AES/TKIP
<u>Security passphrase</u> (Wachtwoordzin):	zie het productetiket aan de onderkant van de C150APM

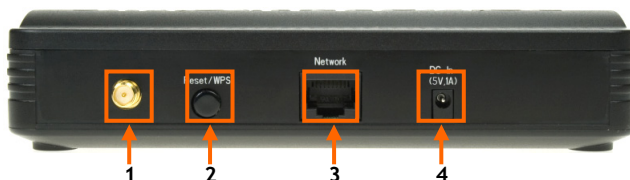
3. De onderdelen van de C150APM

3.1 Voorpaneel



Nr.	Beschrijving	Status	Betekenis status
1.	Aan/uit-lampje	UIT AAN	Het access point staat uit Het access point staat aan
2	WLAN/WPS-lampje	UIT AAN - CONTINU AAN - KNIPPERT	Draadloos netwerk staat uit WPS-functie voor draadloos netwerk staat aan Er worden gegevens ontvangen/verzonden via de draadloze verbinding
3	LAN-lampje	UIT AAN - CONTINU AAN - KNIPPERT	LAN-netwerkpoot (locaal netwerk) is niet verbonden LAN-netwerkpoot is verbonden Er worden gegevens ontvangen/verzonden via de LAN-netwerkpoot

3.2 Achterpaneel



Nr.	Beschrijving	Betekenis
1	Antenne-aansluiting	R-SMA-connector voor antenne
2	Reset/WPS-knop	WPS-functie aanzetten (kort indrukken) of resetten (ingedrukt houden)
3	LAN-netwerkpoot	Via deze poort verbindt u uw access point met uw netwerk of met een apparaat met netwerkaansluiting
4	Stroomingang	Hier sluit u de netvoeding aan op het access point

4. Mogelijkheden van de C150APM

Voordat u goed verbinding kunt maken met de C150APM, moet u instellen welke mogelijkheden van de C150APM u wilt gebruiken.
De C150APM kan in verschillende omgevingen worden gebruikt en elke omgeving vereist zijn eigen speciale configuratie:

4.1 Gebruik als access point

Als u de C150APM wilt gebruiken om uw bestaande netwerk draadloos te maken, moet u hem verbinden (en instellen) als 'access point'.

- Sluit de netvoeding aan op de stroomingang aan de achterkant van de C150APM en op een stopcontact. Het aan/uit-lampje aan de voorkant van de C150APM gaat aan.
- Sluit de LAN-netwerkkabel aan op de LAN-poort aan de achterkant van de C150APM en op uw netwerk. Het LAN-lampje gaat branden om aan te geven dat de netwerkkabel goed is aangesloten en dat de verbinding actief is.

De C150APM werkt nu als 'access point' voor uw netwerk. Ga verder met **hoofdstuk 7** om een draadloze cliënt met de C150APM te verbinden.

NB: Het draadloze netwerk van de C150APM wordt standaard beveiligd met WPA-PSK/WPA2-PSK encryptie (Mixed Mode). Dit betekent dat u het draadloze netwerk niet handmatig hoeft te beveiligen. Zie voor meer informatie over de functies en mogelijkheden van de C150APM de gebruiksaanwijzing (User's Manual, uitsluitend in het Engels) op de meegeleverde product-cd als u de beveiligingsinstellingen van de C150APM handmatig wilt aanpassen.

4.2 Gebruik als brug (bridge mode)

Als u de C150APM wilt gebruiken om verbinding te leggen tussen een apparaat met een netwerkaansluiting (zoals een netwerkprinter, netwerkslagapparaat, mediaspeler of spelconsole) en een draadloos netwerk, moet u de C150APM verbinden (en instellen) als 'bridge'.

NB: Voor de eerste configuratie van de C150APM als 'bridge' raden we u sterk aan het access point met uw bestaande netwerk te verbinden (router, switch, enz.) of rechtstreeks met uw computer.

- Sluit de netvoeding aan op de stroomingang aan de achterkant van de C150APM en op een stopcontact. Het aan/uit-lampje aan de voorkant van de C150APM gaat aan.
- Sluit de LAN-netwerkkabel aan op de LAN-poort aan de achterkant van de C150APM en op uw netwerk of computer. Het LAN-lampje gaat branden om aan te geven dat de netwerkkabel goed is aangesloten en dat de verbinding actief is.

De C150APM is nu actief, maar werkt (nog) als 'access point'.
Ga verder met **hoofdstuk 5** om de C150APM via uw computer te configureren.
Ga verder met **hoofdstuk 6** om de C150APM als brug te configureren ('bridge mode').

5. Computer configureren

Het access point staat ingesteld op een vast ip-adres. Om het access point te kunnen configureren, moet uw computer een IP-adres hebben dat in hetzelfde bereik ligt als het IP-adres van het access point (het bereik wordt aangegeven door de eerste drie getallen van het IP-adres).

NB: Het IP-adres van het access point staat standaard op: **192.168.0.2**

5.1 IP-adres controleren

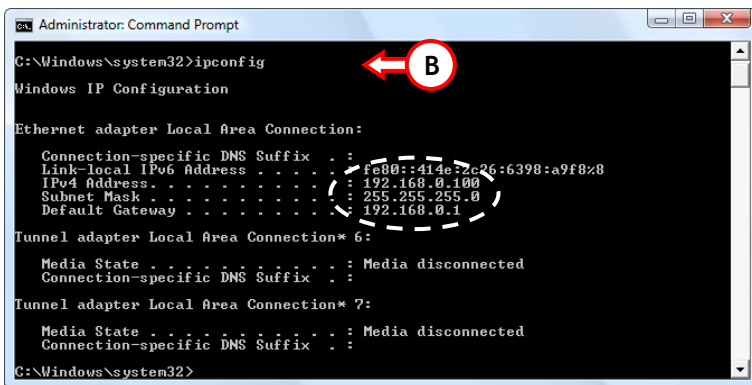
Met de 'Opdrachtprompt' van Windows kunt u kijken of het IP-adres van uw computer in hetzelfde bereik ligt als dat van het access point. Het volgende voorbeeld is gebaseerd op Windows 7 en op Vista met Service Pack 1. Om de onderstaande stappen te kunnen uitvoeren, moet u onder Windows 7 en Vista over administrator-toegangsrechten beschikken.

- A. Klik op de 'Start'-knop van Windows en selecteer 'Alle programma's' gevolgd door 'Bureau-accessoires', klik met de rechter muisknop op 'Opdrachtprompt' en selecteer 'Als administrator uitvoeren'.

Als u een waarschuwing krijgt, moet u deze accepteren door op 'Verder gaan' of 'Ja' te klikken.

Het venster Opdrachtprompt verschijnt. Controleer of de titelbalk van het 'Opdrachtprompt' venster aangeeft: "Administrator: Opdrachtprompt". Wanneer "Administrator" niet wordt aangegeven, heeft u niet de administrator-rechten die u nodig heeft voor de volgende stappen en moet u stap A opnieuw uitvoeren.

- B. Geef de opdracht 'IPCONFIG' in en druk op 'ENTER' op uw toetsenbord.



```
Administrator: Command Prompt
C:\Windows\system32>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : fe80::414e:2e26:6398:a9f8%8
    Link-local IPv6 Address . . . . . : fe80::414e:2e26:6398:a9f8%8
    IPv4 Address. . . . . : 192.168.0.100
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.0.1

Tunnel adapter Local Area Connection* 6:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Tunnel adapter Local Area Connection* 7:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

C:\Windows\system32>
```

U moet nu de volgende informatie zien:

IPv4-adres : 192.168.0.xxx (xxx is een getal tussen 3 en 254)
Subnetmasker : 255.255.255.0

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Als de getoonde informatie overeenkomt met het bovenstaande, kunt u verdergaan met de configuratie van het access point in **hoofdstuk 5**.

Als de bovenstaande informatie niet overeenkomt met uw configuratie, moet u tijdelijk een IP-adres aan uw computer toewijzen dat in hetzelfde bereik ligt als het IP-adres van het access point, om het access point te kunnen configureren.

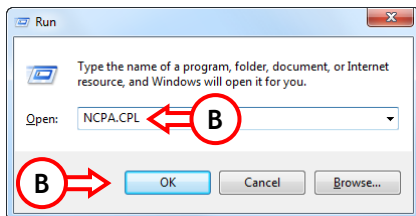
U vindt de stappen om een vast IP-adres in te stellen in **paragraaf 5.2**.

5.2 Vast IP-adres instellen

Als het IP-adres van uw computer niet in hetzelfde bereik als dat van het access point ligt, moet u uw computer tijdelijk een IP-adres geven dat wel in dat bereik ligt.

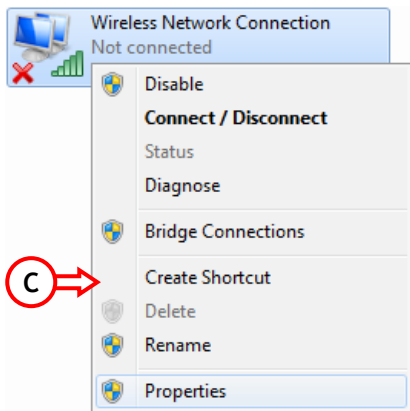
Met behulp van de onderstaande aanwijzingen kunt u uw computer een vast IP-adres geven.

- A. Klik op de 'Start'-knop van Windows en selecteer 'Alle programma's', 'Bureau-accessoires', 'Uitvoeren'.
- B. Geef de opdracht 'NCPA.CPL' in en klik op 'OK'.



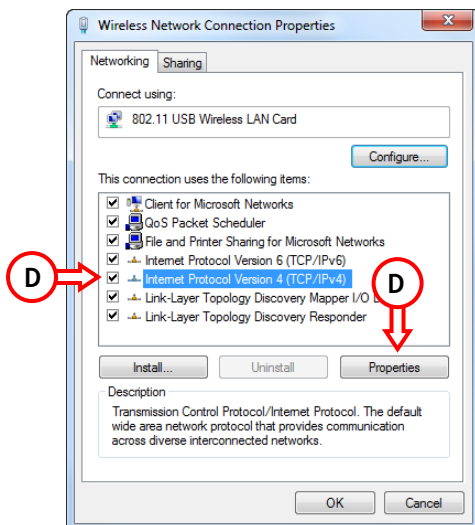
Het venster "Netwerkverbindingen" wordt getoond.

- C. Klik met de rechter muisknop op 'LAN-verbinding' of 'Draadloze netwerkverbinding' (afhankelijk van de gebruikte aansluiting) en selecteer 'Eigenschappen'.



Het eigenschappenvenster van de gekozen netwerkaansluiting (LAN of draadloos) wordt getoond.

- D. Selecteer 'Internet Protocol versie 4 (TCP/IPv4)' en klik op 'Eigenschappen'.

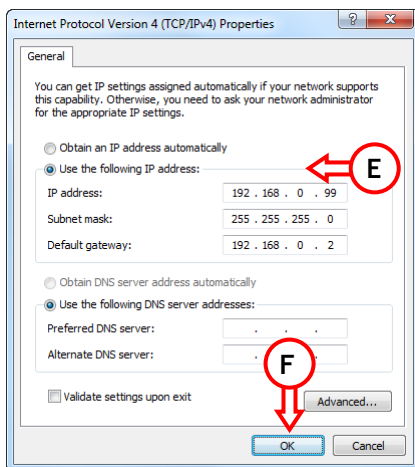


Het eigenschappenvenster van Internet Protocol versie 4 (TCP/IPv4) wordt getoond.

- E. Selecteer 'Het volgende IP-adres gebruiken:' en geef in de beschikbare velden de volgende informatie in:

IP-adres: 192.168.0.99
Subnetmasker: 255.255.255.0
Standaardgateway: 192.168.0.2

- F. Klik op 'OK' om de instellingen op te slaan.
G. Klik in het eigenschappenvenster van Internet Protocol versie 4 (TCP/IPv4) op 'OK' om de instellingen op te slaan.



6. C150APM configureren als bridge (brug)

In dit hoofdstuk 6 leest u hoe u de C150APM als brug kunt configureren ('bridge mode').

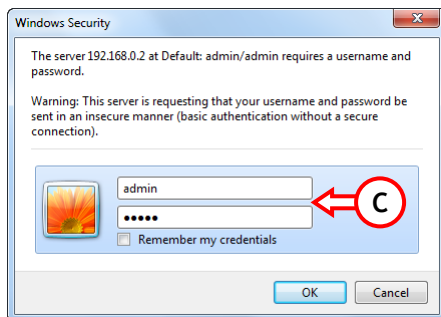
6.1 Aanmelden

Om de instellingen van de C150APM te configureren, wordt een webgebaseerde interface gebruikt. Dit betekent dat u de instellingen van de C150APM kunt veranderen vanaf iedere ermee verbonden computer die over een internetbrowser beschikt.

Om u bij de C150APM aan te melden, voert u de volgende stappen uit:

- A. Start uw internetbrowser (zoals Internet Explorer, Firefox, Safari of Chrome).
- B. Geef het IP-adres van het access point in in de adresbalk van uw internetbrowser.
Standaard : <http://192.168.0.2/>

Nu verschijnt een aanmeldvenster waarin om een gebruikersnaam en een wachtwoord wordt gevraagd.



- C. Geef de gebruikersnaam en het wachtwoord in en klik op 'OK' om de webgebaseerde configuratie te starten.
Standaard gebruikersnaam : **admin**
Standaard wachtwoord : **admin**

Wanneer de gebruikersnaam en het wachtwoord correct zijn, toont de C150APM de hoofdpagina:

CONCEPTRONIC
Wireless Access Point

NetworkingCollection

- Home
- Basic Settings
- WPS Settings
- Advanced Settings
- Security Settings
- Radius Server
- MAC Filtering
- System Settings
- Manage Settings
- F/W Upgrade
- Restart

Status and Information

You can use this information to view the access point's up time, hardware version, firmware version, BSSID and MAC address.

System

Up time: 0day:0h:2m:57s
Hardware Version: Rev. A
Firmware Version: 1.08

Wireless Configuration

Mode: AP
ESSID: C150APM
Channel Number: 6
Security: WPA-shared key
BSSID: 00:22:17:1f:82:b8
Connected Clients: 0

LAN Configuration

IP Address: 192.168.0.2
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.0.1
MAC Address: 00:22:17:1f:82:b8

Op de hoofdpagina kunt u gemakkelijk de opties van de C150BRS4 webconfiguratie kiezen:

- Home (Startpagina) : Hoofdconfiguratiepagina tonen
- Basic Settings (Basisinstellingen) : De basisinstellingen van het access point aanpassen
- WPS Settings (WPS-instellingen) : WPS-instellingen aanpassen
- Advanced Settings (Geavanceerde instellingen) : Geavanceerde draadloze instellingen aanpassen
- Security Settings (Beveiligingsinstellingen) : Draadloze beveiligingsinstellingen aanpassen
- Radius Server : Instellingen voor een Radius Server
- MAC Filtering (MAC-adressen filteren) : Filterregels MAC-adressen inschakelen/configureren
- System Settings (Systeeminstellingen) : Systeeminstellingen van de C150APM aanpassen
- Manage Settings (Instellingen beheren) : Reservekopie van uw instellingen maken of de C150APM op de standaardinstellingen terugzetten
- F/W Upgrade (Firmware bijwerken) : Firmware bijwerken
- Restart (Herstarten) : Het access point opnieuw opstarten

NB: In deze snelstartgids vindt u alleen de instellingen voor gebruik als 'bridge' en de basisinstellingen voor gebruik als 'access point'. Alle overige opties worden toegelicht in de gebruiksaanwijzing (uitsluitend in het Engels). Doe hiervoor de meegeleverde product-cd in de computer, wacht tot het automatische menu is gestart en selecteer 'View User Manual' (gebruiksaanwijzing bekijken).

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6.2 Brugverbinding maken (bridge)

Dit hoofdstuk leidt u stap voor stap door de instellingen van de C150APM die moeten worden geconfigureerd voor gebruik als brug.

NB: Voordat u verder kunt gaan met configureren van de C150APM in de 'bridge' stand, heeft u de volgende informatie nodig over uw bestaande draadloze netwerk:

- Netwerkn naam (SSID)
- Encryptietype
- Beveiligingsleutel (encryption key) of wachtwoordzin (passphrase)

A. Klik op de knop '**Basic Settings**' (Basisinstellingen) in het linkermenu van de webconfiguratie.

De pagina "**Basic Settings**" (Basisinstellingen) wordt op uw scherm weergegeven.

The screenshot shows the web interface of a Conceptronic Wireless Access Point. The header is green with the 'CONCEPTRONIC' logo and 'Wireless Access Point' text. Below the header is a yellow bar with 'NetworkingCollection'. On the left is a green sidebar menu with options: Home, Basic Settings (selected), WPS Settings, Advanced Settings, Security Settings, Radius Server, MAC Filtering, System Settings, Manage Settings, FIW Upgrade, and Restart. The main content area is white and titled 'Basic Settings'. It contains instructions: 'Use this page to select the operation mode for the access point, the ESSID and channel number for the wireless connection. This is used for wireless clients to connect to the access point.' Below this are configuration fields: 'Mode' (dropdown menu set to 'Station-Infrastructure'), 'Band' (dropdown menu set to '2.4 GHz (B+G+N)'), 'MAIN ESSID' (text box containing 'C150APM'), and 'Site Survey' (button labeled 'Select Site Survey'). At the bottom are 'Apply' and 'Cancel' buttons.

B. Verander de '**Mode**' (Stand) in '**Station-Infrastructure**' (Station-infrastructuur).

C. Klik op de knop '**Select Site Survey**' (Beschikbare draadloze netwerken) om uw bestaande draadloze netwerk te zoeken.

Het venster “Wireless Site Survey” (Beschikbare draadloze netwerken) wordt geopend.

Wireless Site Survey

This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when client mode is enabled.

Select	Channel	SSID	BSSID	Encryption	Authentication	Signal	Mode
☐	1	C300APRA2+	00:22:F7:02:44:CF	TKIP	WPAPSK	100	11b/g/n
☒	6	C150BRS4	00:22:F7:5D:31:1C	AES	WPAPSK	100	11b/g/n

NB: Als uw bestaande draadloze netwerk hier niet bij staat, is het mogelijk dat u buiten bereik bent, dat het andere access point uit staat of dat het netwerk verborgen is.

Zorg dat uw bestaande draadloze netwerk aan staat en gebruik de knop ‘Refresh’ (Vernieuwen) om opnieuw naar draadloze netwerken te zoeken.

Als uw draadloze netwerk verborgen is, wordt het niet weergegeven bij “Wireless Site Survey”.

Sluit in dat geval het venster “Wireless Site Survey” en geef de netwerknaam exact in in het veld ‘MAIN ESSID’ op de pagina “Basic Settings” (Basisinstellingen).

- D. Selecteer het bestaande draadloze netwerk waarmee u verbinding wilt maken en klik op de knop ‘Connection’ (Verbinden).

Het venster “Wireless Site Survey” wordt gesloten en de gekozen netwerknaam verschijnt in het veld ‘MAIN ESSID’ op de pagina “Basic Settings”.

- E. Klik op de knop ‘Apply’ (Toepassen) om de instellingen in gebruik te nemen.

Settings saved successfully.

Click on the "Continue" button to continue configuring other settings or click on the "Apply" button to restart the access point to make the changes take effect

NB: Nadat u instellingen van de C150APM heeft gewijzigd, moet u altijd tussen twee mogelijkheden kiezen:

- **Continue** (Verder gaan): Doorgaan met wijzigen van instellingen (nieuwe instellingen worden nog niet vastgelegd in het geheugen).
- **Apply** (Toepassen): Alle wijzigingen in gebruik nemen door de instellingen in het geheugen op te slaan en de C150APM opnieuw op te starten.

- F. Klik op de knop ‘Continue’ (Verder gaan) om nog meer instellingen te wijzigen.

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- G. Klik op de knop 'Security Settings' (Beveiligingsinstellingen) in het linkermenu van de webconfiguratie.

De pagina "Security Settings" (Beveiligingsinstellingen) wordt op uw scherm weergegeven.

The screenshot shows the 'Security Settings' page of a Conceptronic Wireless Access Point. The interface has a green header with the brand name and a yellow sidebar menu. The main content area is white with a yellow border. The sidebar menu includes options like Home, Basic Settings, WPS Settings, Advanced Settings, Security Settings (highlighted), Radius Server, MAC Filtering, System Settings, Manage Settings, F/W Upgrade, and Restart. The 'Security Settings' section has a title and a description. Below the title, there are two yellow buttons: 'Select SSID' and 'Security Settings'. The 'Select SSID' button shows 'SSID choice : C150BRS4'. The 'Security Settings' button shows 'Encryption : WPA pre-shared key', 'WPA Unicast Cipher Suite : WPA(TKIP) WPA2(AES)', 'Pre-shared Key Format : Passphrase', and 'Pre-shared Key : *****'. At the bottom of the 'Security Settings' section are two buttons: 'Apply' and 'Cancel'.

- H. Selecteer het encryptietype van uw bestaande draadloze netwerk in het afrolmenu 'Encryption' (Encryptie).

Als uw bestaande draadloze netwerk is beveiligd met WPA:

- Selecteer het type WPA beveiliging in het gedeelte "WPA Unicast Cipher Suite".
- Selecteer het type beveiligingssleutel bij "Pre-shared Key Format" (Indeling vooraf gedeelde sleutel).
- Geef de beveiligingssleutel (encryption key) in bij "Pre-shared Key" (Vooraf gedeelde sleutel).

Als uw bestaande draadloze netwerk is beveiligd met WEP:

- Geef de lengte van de beveiligingssleutel in bij "Key Length" (Lengte sleutel).
- Geef de indeling van de beveiligingssleutel in bij "Key Format" (Indeling sleutel).
- Geef de beveiligingssleutel in bij "Encryption Key" (Vooraf gedeelde sleutel).

- I. Klik op de knop 'Apply' (Toepassen) om de instellingen in gebruik te nemen.

The screenshot shows a yellow box with the text 'Settings saved successfully.' in bold. Below the text is a line of instructions: 'Click on the "Continue" button to continue configuring other settings or click on the "Apply" button to restart the access point to make the changes take effect'. At the bottom of the box are two buttons: 'Continue' and 'Apply'.

- NB:** Nadat u instellingen van de C150APM heeft gewijzigd, moet u altijd tussen twee mogelijkheden kiezen:
- **Continue** (Verder gaan): Doorgaan met wijzigen van instellingen (nieuwe instellingen worden nog niet vastgelegd in het geheugen).
 - **Apply** (Toepassen): Alle wijzigingen in gebruik nemen door de instellingen in het geheugen op te slaan en de C150APM opnieuw op te starten.
- J. Klik op de knop 'Apply' (Toepassen) om de instellingen vast te leggen in het geheugen en de C150APM opnieuw op te starten.

Access point is being restarted! Please wait for the restart to complete.

OK(28)

Tijdens de herstart is de knop 'OK' grijs (niet beschikbaar) en wordt hier afgeteld tot de herstart is voltooid. Klik na afloop van de herstart op 'OK' om terug te gaan naar de webgebaseerde configuratie van de C150APM.

De configuratie van de 'bridge' stand is nu voltooid. U kunt de C150APM nu van uw computer loskoppelen en aansluiten op het netwerkapparaat waarvoor u de brug heeft geconfigureerd.

- NB:** Als u uw computer in **paragraaf 5.2** een tijdelijk vast IP-adres heeft gegeven, moet u de computer terugzetten op de oorspronkelijke instellingen. Volg hiervoor de stappen in **paragraaf 5.2**. Bij **stap E** selecteert u 'Automatisch een IP-adres laten toewijzen'.

***Uw Conceptronic 150N Wireless Access Point
is nu klaar voor gebruik als draadloze bridge!***

7. Verbinden met draadloos netwerk

Er zijn twee verschillende manieren om draadloos verbinding te maken met de C150APM:

- Handmatig.
- Automatisch met behulp van de WPS-functie.

! BELANGRIJKE OPMERKING !

De C150APM is standaard beveiligd met WPA-PSK/WPA2-PSK encryptie (Mixed Mode). U vindt de unieke WPA wachtwoordzin (passphrase) op het productetiket aan de onderkant van uw C150APM.

Vrijwel alle merken/types draadloze netwerkkaarten gebruiken een andere cliënt-applicatie. Zie de gebruiksaanwijzing van uw draadloze netwerkkaart voor informatie over hoe u verbinding maakt met een draadloos netwerk.

7.1 Handmatig verbinden in Windows 7

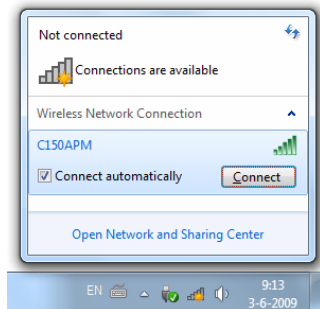
In het volgende voorbeeld wordt gebruik gemaakt van de standaardfunctie “Verbinding met een netwerk maken” die aanwezig is in Windows 7.

- A Klik op het ‘Netwerk’ pictogram in het Windows systeenvak voor een lijst met beschikbare draadloze netwerken.

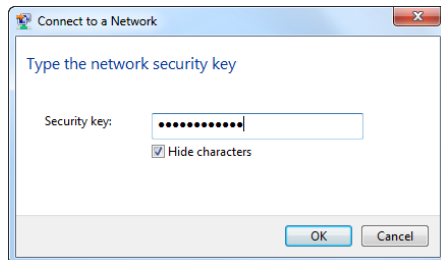


- B Selecteer het netwerk “C150APM” in de lijst en klik op ‘Verbinding maken’.

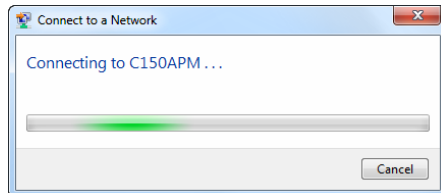
Standaard is de optie “Automatisch verbinding maken” geselecteerd. Dit zorgt ervoor dat de verbinding steeds automatisch wordt gestart wanneer uw computer wordt aangezet. Als u dit niet wilt, kunt u dit vakje uitschakelen voordat u op ‘Verbinding maken’ klikt.



- C Geef in het veld “Wachtwoordzin” de standaard WPA wachtwoordzin in (de passphrase zoals aangegeven op de onderkant van uw C150APM) en klik op ‘OK’.



- D De cliënt maakt nu verbinding met het draadloze netwerk.



- E Om de status van de draadloze verbinding te controleren, kunt u op het ‘Netwerk’ pictogram in het systeemvak klikken. U ziet hier met welk netwerk u momenteel verbonden bent, informatie over de verbinding, en de sterkte van het signaal.

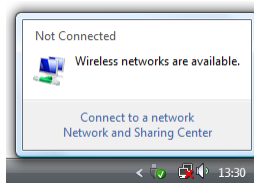


NEDERLANDS

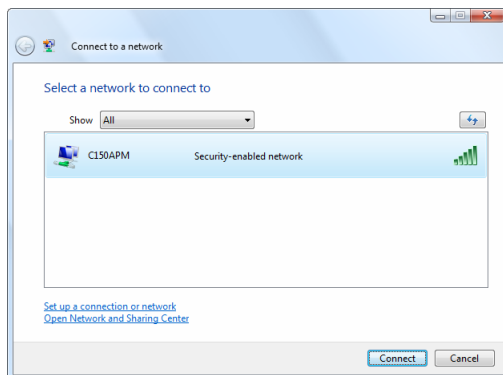
7.2 Handmatig verbinden in Windows Vista

In het volgende voorbeeld wordt gebruik gemaakt van de standaardfunctie “Verbinding met een netwerk maken” die aanwezig is in Windows Vista met Service Pack 1.

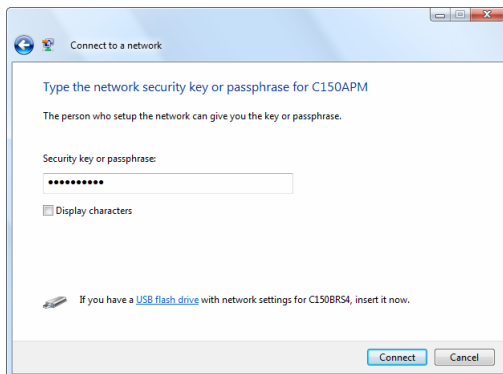
- A Klik op het ‘Netwerk’ pictogram in het systeemvak en klik op “Er zijn draadloze netwerken beschikbaar”.



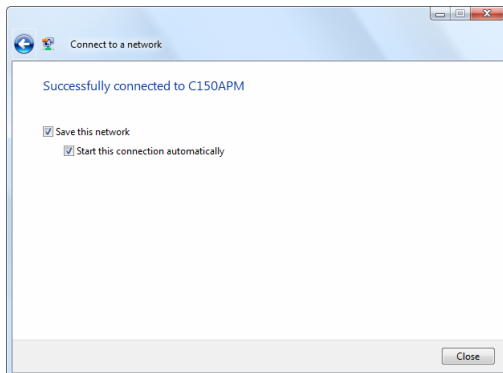
- B Selecteer het netwerk “C150APM” in de lijst en klik op ‘Verbinding maken’.



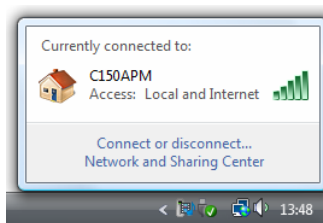
- C Geef in het veld “Beveiligingssleutel of wachtwoordzin” de standaard WPA passphrase in (zoals aangegeven op de onderkant van uw C150APM) en klik op ‘Verbinding maken’.



- D Nadat verbinding is gemaakt, kunt u ervoor kiezen om dit netwerk vast te leggen en er voortaan automatisch verbinding mee te maken zodra uw computer wordt aangezet. Klik op ‘Sluiten’ om de verbindingwizard af te sluiten.



- E Om de status van de draadloze verbinding te controleren, kunt u op het ‘Netwerk’ pictogram in het systeemvak klikken. U ziet hier met welk netwerk u momenteel verbonden bent, informatie over de verbinding, en de sterkte van het signaal.



NEDERLANDS

7.3 Automatisch verbinden met behulp van WPS

De Conceptronic C150APM ondersteunt WPS (Wi-Fi Protected Setup, beveiligde instelling draadloos netwerk). WPS is een standaard waarmee u in enkele eenvoudige stappen veilig een draadloos netwerk kunt opzetten.

NB: Om op de C150APM gebruik te kunnen maken van WPS, moeten uw draadloze cliënten (zoals pc's) zelf ook WPS ondersteunen. Als u een of meer draadloze cliëntcomputers heeft die geen WPS ondersteunen, raden we u aan handmatig verbinding te maken met de C150APM en de WPA-wachtwoordzin te gebruiken die aan de onderkant van het apparaat staat aangegeven. Zie **paragraaf 7.1 of 7.2** voor handmatige aansluiting op het draadloze netwerk.

NB: Ga voor meer (technische) informatie over WPS naar de volgende website:
http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

U kunt op twee manieren een WPS-verbinding maken met de C150APM:

- Verbinden met een druk op de knop
- Verbinden met een pin-code

WPS - verbinden met een druk op de knop

Voor deze methode moet uw draadloze cliënt over een (virtuele) knop beschikken om verbinding te kunnen maken met de C150APM.

Sommige draadloze cliënten hebben een echte knop waarmee WPS wordt gestart; andere draadloze cliënten hebben software met een virtuele WPS-knop.

Volg de onderstaande stappen om via een WPS-knop verbinding te maken met het access point:

- A. Druk aan de achterkant van de C150APM op de WPS-knop; het WLAN/WPS-lampje brandt continu om aan te geven dat de WPS-procedure is gestart.
- B. Druk op de WPS-knop van uw draadloze cliënt. Dit kan een hardware-knop zijn of een virtuele knop in de software van de draadloze cliënt.

NB: De C150APM houdt de WPS-functie 120 seconden lang actief. Tijdens dit proces brandt het WLAN/WPS-lampje continu. Als er tijdens deze 120 seconden geen verbinding tot stand komt, gaat het lampje naar zijn oorspronkelijke status en wordt het WPS-proces afgebroken.

Wanneer de WPS-verbinding is gelukt, krijgt het WLAN/WPS-lampje meteen zijn oorspronkelijke status terug.

De draadloze cliënt heeft nu verbinding met het beveiligde draadloze netwerk van de C150APM. U kunt meer draadloze WPS-clianten toevoegen zonder dat de bestaande verbinding met eerder aangesloten cliënten verloren gaat. Als u meer draadloze WPS-clianten wilt toevoegen, herhaalt u de stappen **A** en **B**.

WPS - verbinden met een pin-code

Als uw draadloze WPS-cliënt geen (virtuele) WPS-drukknop heeft, kunt u een WPS-verbinding maken met een pin-code.

NB: Om de WPS pin-codefunctie te activeren, heeft u eerst een computer nodig die via een netwerkkabel met de C150APM verbonden is.

A. Meld u aan bij de C150BRS4 zoals beschreven in **paragraaf 6.1**.

B. Selecteer 'General Setup' (Algemene instellingen) gevolgd door 'Wireless' (Draadloos) en 'WPS'.

De "WPS" configuratiepagina wordt getoond.

WPS ⓘ

This page allows you to change the setting for WPS (Wi-Fi Protected Setup). WPS can help your wireless client automatically connect to the Wireless Router.

☒ Enable WPS

WPS Information

WPS Status : Configured
 PIN Code : 20615048
 SSID : C150BRS4
 Authentication Mode : WPA pre-shared key
 Passphrase Key : *****

Device Configure

Config Mode : Registrar
 Configure by Push Button :
 Enter Client PIN Code :

Op de WPS-configuratiepagina kunt u kiezen voor de drukknoop methode ('Push Button') of de 'PIN Code' methode.

De 'PIN Code' methode kan op twee verschillende manieren worden gestart:

1. De draadloze cliënt genereert een pin-code die in het access point wordt ingevoerd.
 In dit geval is de draadloze cliënt de 'Enrollee' (aangemeld apparaat) en het access point is de 'Registrar' (registrerend apparaat).

A. Start de draadloze cliënt en zoek de gegenereerde pin-code op, zoals in het onderstaande voorbeeld:

WPS Feature

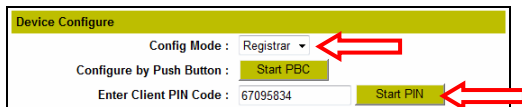
SSID	BSSID	Ch...	ID	Auth...	Encr...
C150BRS4	00-22-F7-5...	6		WEP	WPA...

Rescan Connect Disconnect Delete

PIN ☒ WPS Associate IE
 PBC ☒ WPS Probe IE WPS status is not used

Config Mode: Enrollee
 Pin Code: 67095834 Renew

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Device Configure

Config Mode : Registrar

Configure by Push Button : Start PBC

Enter Client PIN Code : 67095834 Start PIN

- B. Zorg dat de “Config Mode” (Config. stand) op de WPS-configuratiepagina op ‘Registrar’ staat.
- C. Geef de door uw draadloze cliënt gegenereerde pin-code in in het veld “Enter Client PIN Code” (PIN-code van cliënt ingeven).
- D. Klik op de knop ‘Start PIN’.

De C150APM houdt de WPS-functie voor inkomende verbindingen met de aangegeven pin-code 120 seconden lang actief.

- E. Start op uw draadloze cliënt de verbinding met pin-code.

Uw draadloze cliënt maakt nu verbinding met het beveiligde draadloze netwerk van de C150APM. Wanneer verbinding is gemaakt, sluit de C150APM het WPS-proces af en verandert de WPS Status op de WPS-configuratiepagina in “Configured” (Geconfigureerd).



WPS Information

WPS Status : Configured

Als u meer draadloze WPS-clients wilt toevoegen, herhaalt u de stappen A t/m E.

-
- 2. Het access point genereert een pin-code die in de draadloze cliënt moet worden ingevoerd. In dit geval is de het access point de ‘Enrollee’ (aangemeld apparaat) en de draadloze cliënt is de ‘Registrar’ (registrerend apparaat).

- A. Zorg dat de “Config Mode” op de WPS-configuratiepagina staat ingesteld op ‘Enrollee’ en noteer de pin-code die wordt aangegeven bij “PIN Code”.
- B. Klik op de knop ‘Start PIN’.

De C150APM houdt de WPS-functie voor inkomende verbindingen met de aangegeven pin-code 120 seconden lang actief.

- C. Geef de door de C150APM gegenereerde pin-code in in de software van uw draadloze cliënt, stel deze software in op ‘Registrar’ en start de pin-code verbindingsmethode.

Uw draadloze cliënt maakt nu verbinding met het beveiligde draadloze netwerk van de C150APM. Wanneer verbinding is gemaakt, sluit de C150APM het WPS-proces af en verandert de WPS Status op de WPS-configuratiepagina in “Configured”.



WPS Information

WPS Status : Configured

Als u meer draadloze WPS-clients wilt toevoegen, herhaalt u de stappen A t/m C.

8. Geavanceerde instellingen

In deze snelstartgids vindt u alleen de basisstappen om uw C150APM in gebruik te nemen. Zie voor geavanceerde instellingen en uitgebreide uitleg de gebruiksaanwijzing (User's Manual, uitsluitend in het Engels) op de meegeleverde product-cd.

Doe de product-cd in uw cd/dvd-station, wacht tot het automatische menu verschijnt en selecteer '**View User Manual**' (Gebruiksaanwijzing bekijken).

NB: Om de Engelstalige gebruiksaanwijzing te kunnen bekijken, moet het programma Adobe Reader op uw computer zijn geïnstalleerd. Als dit niet zo is, selecteert u '**Install Adobe Reader**' in het automatische menu (alleen voor Windows).

*Veel plezier met uw
Conceptronic 150N Wireless Access Point!*

Conceptronic C150APM Quick Installation Guide

Congratulations on the purchase of your Conceptronic 150N Wireless Access Point

This quick installation guide gives you a step-by-step explanation of how to install and use the Conceptronic C150APM.

When you need more information or support for your product, we advise you to visit our **Service & Support** website at www.conceptronic.net/support and select one of the following options:

- **FAQ** : Frequently Asked Questions database
- **Downloads** : Manuals, Drivers, Firmware and more downloads
- **Contact** : Contact Conceptronic Support

For general information about Conceptronic products visit the Conceptronic website at www.conceptronic.net.

The information in this quick installation guide is based on Windows 7 and Vista, but can differ from your computer when you are using a different operating system.

Note: This quick installation guide only explains the basic steps to get the C150APM up and running. For more info about the various functions of the C150APM, please refer to the user manual (English only) on the included product CD-ROM. Wait for the autorun menu to appear and select 'View User Manual'.

In order to view the user manual, you will have to have Adobe Reader installed. If you do not have this installed on your computer, you can select 'Install Adobe Reader' from the autorun menu (Windows only).

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1. Package contents
2. Preconfigured settings
3. The C150APM explained
 - 3.1. Front panel
 - 3.2. Back panel
4. Defining the usage of the C150APM
 - 4.1. Access point mode
 - 4.2. Bridge mode
5. Configuring the computer
 - 5.1. Checking the IP address
 - 5.2. Configuring a fixed IP address
6. Configuring the C150APM in 'bridge' mode
 - 6.1. Logging in
 - 6.2. Create a bridge connection
7. Connecting to the wireless network
 - 7.1. Connecting manually in Windows 7
 - 7.2. Connecting manually in Windows Vista
 - 7.3. Connecting automatically using WPS
8. Advanced configuration settings

1. Package contents

The following items are present in the package of the Conceptronic 150N Wireless Access Point:

- Conceptronic C150APM - 150N Wireless Access Point
- Power supply 5V DC, 1A
- Antenna for wireless connectivity
- Network (LAN) cable
- Product CD-ROM
- This multi language quick installation guide
- Warranty card & CE declaration booklet

2. Preconfigured settings

The C150APM is preconfigured with the following settings:

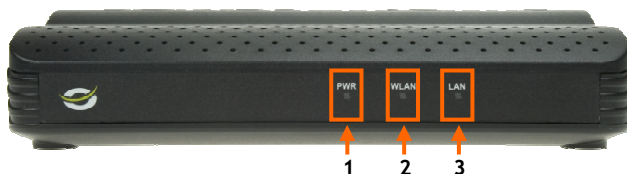
<u>IP address</u>	: 192.168.0.2
<u>Subnet mask</u>	: 255.255.255.0
<u>Default gateway</u>	: 192.168.0.1
<u>Username</u>	: admin
<u>Password</u>	: admin

Note: We strongly advise to change the password when you configure the C150APM for the first time. When you are logged in with the steps described in **chapter 6.1**, you can adjust the password at the “**System Settings**” option.

<u>SSID (Wireless network name)</u>	: C150APM
<u>Security level</u>	: WPA/WPA2 Mixed mode with AES/TKIP
<u>Security passphrase</u>	: < printed on the productsticker on the bottom of the C150APM >

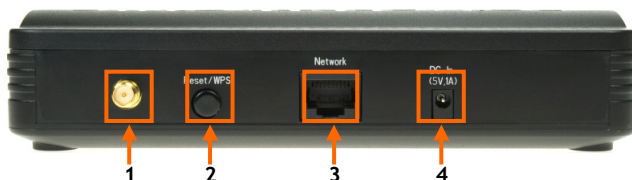
3. The C150APM explained

3.1 Front panel



Nr	Description	Status	Status Explanation
1	Power LED	OFF ON	The access point is switched off The access point is switched on
2	WLAN/WPS LED	OFF ON - STEADY ON - FLASHING	Wireless network is switched off Wireless WPS function is enabled Wireless network activity (sending or receiving data)
3	LAN LED	OFF ON - STEADY ON - FLASHING	LAN port is not connected LAN port is connected LAN port activity (sending or receiving data)

3.2 Back panel



Nr	Description	Explanation
1	Wireless antenna connector	R-SMA connector for wireless antenna connection
2	Reset/WPS button	Activate WPS function (short press) or perform a reset (hold)
3	NETWORK (LAN) port	Connect the access point to your network or to a network equipped device
4	Power connection	Connect the power supply to the access point

4. Defining the usage of the C150APM

Before you can connect the C150APM properly, you need to define the usage of the C150APM. The C150APM can be used in different environments and each environment requires its own special configuration:

4.1 Access point mode

If you want to use the C150APM to make your existing wired network wireless, you need to connect (and configure) the device as 'access point'.

- Connect the power supply to the power connection on the back of the C150APM and to an available wall socket. The power LED on the front of the C150APM will lit up .
- Connect the network (LAN) cable to the LAN port on the back panel of the C150APM and to your network. The LAN LED will light up, indicating that the network cable is connected correctly and the connection is active.

The C150APM is now running as 'access point' in your network. Proceed to **chapter 7** to connect a wireless client to the C150APM.

Note: By default, the wireless network of the C150APM is secured with WPA-PSK/WPA2-PSK (mixed mode) encryption. This means you will not have to manually secure the wireless network. Refer to the user manual (English only) on the included product CD-ROM if you want to manually change the (security) settings of the C150APM.

4.2 Bridge mode

If you want to use the C150APM to connect a network equipped device (for example: a network printer, network storage device, mediaplayer or game console) to a wireless network, you need to connect (and configure) the device as 'bridge'.

Note: For the initial configuration of the C150APM as 'bridge', we strongly suggest to connect the access point to your existing network (router, switch, etc.) or directly to your computer.

- Connect the power supply to the power connection on the back of the C150APM and to an available wall socket. The power LED on the front of the C150APM will lit up.
- Connect the network (LAN) cable to the LAN port on the back panel of the C150APM and to your network or computer. The LAN LED will light up, indicating that the network cable is connected correctly and the connection is active.

The C150APM is now active, but running in 'access point' mode.
Proceed to **chapter 5** to prepare your computer to configure the C150APM.
Proceed to **chapter 6** to configure the C150APM in 'bridge' mode.

5. Configuring the computer

The access point is configured with a fixed IP address. In order to configure the access point, your computer needs to have an IP address in the same IP range as the access point.

Note: The fixed IP address of the access point is: **192.168.0.2**

5.1 Checking the IP address

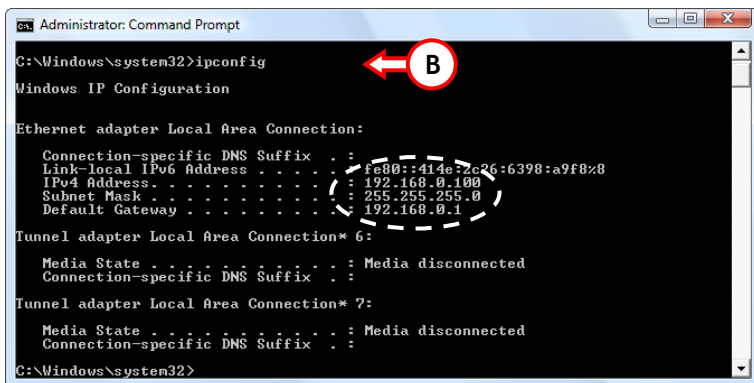
You can check if your computer is having an IP address in the same IP range as the access point with the **'Command Prompt'** of Windows. This example is based on Windows 7 and Vista with Service Pack 1. Windows 7 and Vista need administrative rights to perform the steps below, which are explained in the following steps.

- A. Click on **'Start'**, **'All Programs'**, **'Accessories'**, right click on **'Command Prompt'** and select **'Run as administrator'**.

You might get a warning message, which you will need to accept by clicking **'Continue'** or **'Yes'**.

The Command Prompt window will appear. Make sure the **'Command Prompt'** title bar mentions **"Administrator: Command Prompt"**. When **"Administrator"** is not mentioned, you do not have the necessary administrative rights for these steps and you will need to perform **step A** again.

- B. Enter the command **'IPCONFIG'** and press **'ENTER'** on your keyboard.



You should see the following information:

IPv4 Address : 192.168.0.xxx (where xxx can vary between 3 - 254).
Subnet Mask : 255.255.255.0

If the information above matches your configuration you can continue configuring the access point in **chapter 5**.

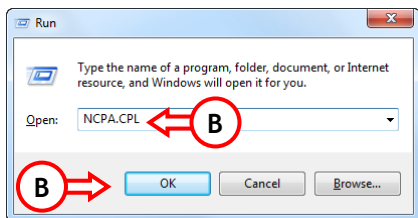
If the information above does not match your configuration, you temporary need to assign a fixed IP address to your computer in the same IP range as the access point, in order to configure the access point. You can find the steps to configure a fixed IP address in **chapter 5.2**.

5.2 Configuring a fixed IP address

If the IP address of your computer is not in the same IP range as the access point, you need to temporary assign a fixed IP address in the same IP range to your computer.

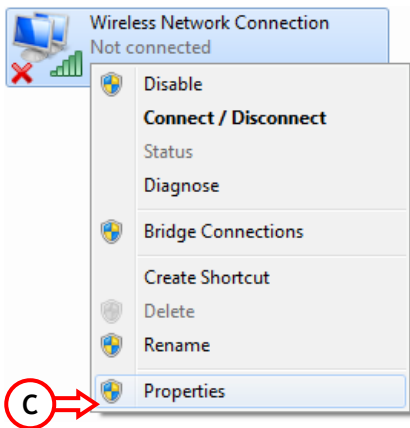
With the instructions below you can assign a fixed IP address to your computer.

- A. Click on 'Start', go to 'All Programs', 'Accessories' and choose 'Run'.
- B. Enter the command 'NCPA.CPL' and click on 'OK'.



The "Network Connections" window will appear.

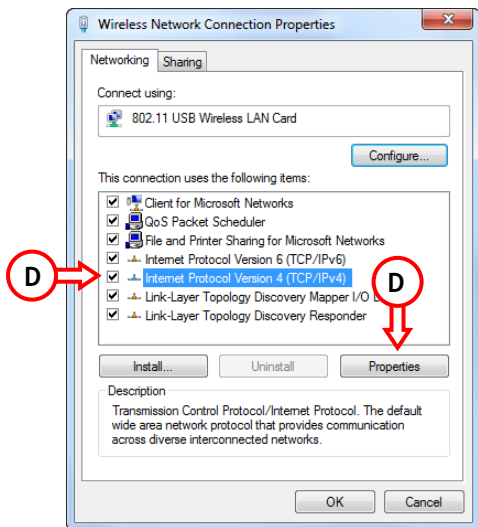
- C. Right click on 'Local Area Connection' or 'Wireless Network Connection' (depending on the connection you use) and select 'Properties'.



ENGLISH

The properties window of your Local Area Connection or Wireless Network Connection will appear.

- D. Select 'Internet Protocol Version 4 (TCP/IPv4)' and click on 'Properties'.



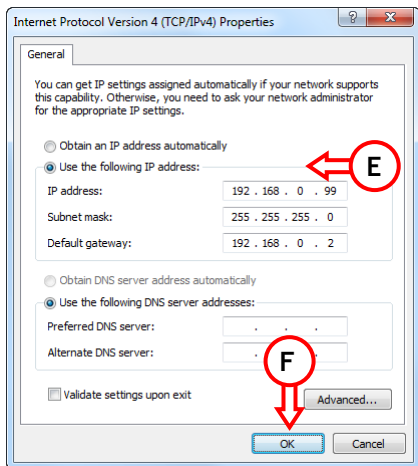
The properties window of Internet Protocol Version 4 (TCP/IPv4) will appear.

- E. Set the properties to 'Use the following IP address:' and enter the following values in the available fields:

IP address: 192.168.0.99
Subnet mask: 255.255.255.0
Default gateway: 192.168.0.2

- F. Click on 'OK' to save the settings.

- G. Click on 'OK' in the Internet Protocol Version 4 (TCP/IPv4) Properties window to save the settings.



6. Configuring the C150APM in 'bridge' mode

This chapter describes how to configure the C150APM in 'bridge' mode.

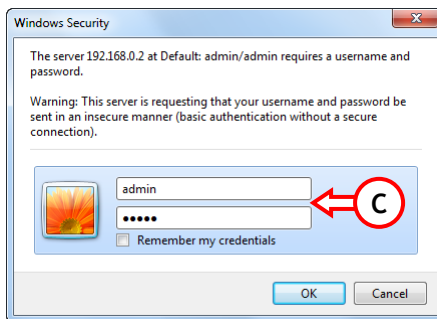
6.1 Logging in

To configure the C150APM a web based interface is being used. This means you are able to configure the C150APM on any computer with a web browser.

To log in to the C150APM, follow these steps:

- A. Start your web browser (like: Internet Explorer, Firefox, Safari or Chrome).
- B. Enter the IP address of the access point in the address bar of your web browser.
By default : <http://192.168.0.2/>

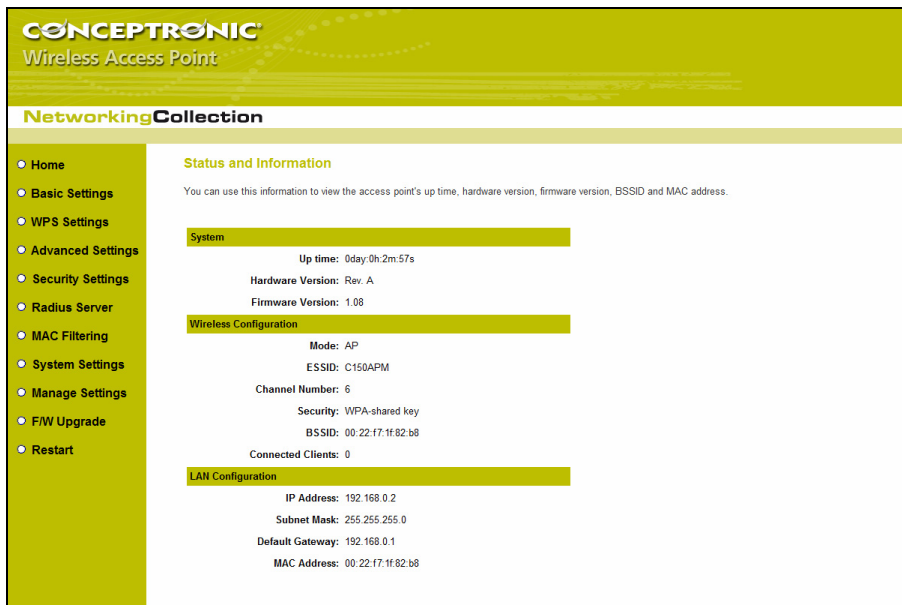
A pop-up window will be shown asking you for the user name and password.



- C. Enter the user name and password and click on 'OK' to enter the web based configuration.
Default user name : **admin**
Default password : **admin**

ENGLISH

When the user name and password are correct the C150APM will show the main configuration page:



CONCEPTRONIC
Wireless Access Point

NetworkingCollection

- Home
- Basic Settings
- WPS Settings
- Advanced Settings
- Security Settings
- Radius Server
- MAC Filtering
- System Settings
- Manage Settings
- F/W Upgrade
- Restart

Status and Information

You can use this information to view the access point's up time, hardware version, firmware version, BSSID and MAC address.

System

Up time: 0day:0h:2m:57s
Hardware Version: Rev. A
Firmware Version: 1.08

Wireless Configuration

Mode: AP
ESSID: C150APM
Channel Number: 6
Security: WPA-shared key
BSSID: 00:22:17:1f:82:b8
Connected Clients: 0

LAN Configuration

IP Address: 192.168.0.2
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.0.1
MAC Address: 00:22:17:1f:82:b8

From the main page you can easily choose one of the options in the C150APM web configuration:

- Home : Show the main configuration page
- Basic Settings : Adjust the basic access point settings
- WPS Settings : Adjust the WPS settings
- Advanced Settings : Adjust the advanced wireless settings
- Security Settings : Adjust the wireless security settings
- Radius Server : Radius server configuration options
- MAC Filtering : Enable and configure MAC filtering rules
- System Settings : Adjust the system settings of the C150APM
- Manage Settings : Backup your settings, or set the C150APM to the default settings
- F/W Upgrade : Upgrade the firmware
- Restart : Restart the access point

Note: This quick installation guide only explains the required settings for 'bridge' mode and the basic settings for 'access point' mode. All other options are explained in the user manual (English only) on the included product CD-ROM. Wait for the autorun menu to appear and select 'View User Manual'.

6.2 Create a bridge connection

This chapter will guide you step-by-step through the settings of the C150APM which require configuration for a bridge connection.

Note: Before you can continue to configure the C150APM in 'bridge' mode, you need the following information of your existing wireless network:

- Network name (SSID)
- Type of used encryption
- Encryption key / passphrase

A. Click on '**Basic Settings**' in the left menu of the web configuration.

The "**Basic Settings**" will be shown on your screen.

The screenshot shows the web configuration interface for a Conceptronic Wireless Access Point. The header is green with the brand name and 'Wireless Access Point'. Below it is a yellow bar with 'NetworkingCollection'. A left sidebar contains a menu with options: Home, Basic Settings (selected), WPS Settings, Advanced Settings, Security Settings, Radius Server, MAC Filtering, System Settings, Manage Settings, FIW Upgrade, and Restart. The main content area is titled 'Basic Settings' and includes instructions: 'Use this page to select the operation mode for the access point, the ESSID and channel number for the wireless connection. This is used for wireless clients to connect to the access point.' The configuration fields are: 'Mode' (dropdown menu set to 'Station-Infrastructure'), 'Band' (dropdown menu set to '2.4 GHz (B+G+N)'), 'MAIN ESSID' (text field containing 'C150APM'), and 'Site Survey' (button labeled 'Select Site Survey'). At the bottom are 'Apply' and 'Cancel' buttons.

B. Change the '**Mode**' to '**Station-Infrastructure**'.

C. Click on the '**Select Site Survey**' button to find your existing wireless network.

ENGLISH

The “Wireless Site Survey” will be shown in a popup window, displaying all found networks in your area.

Wireless Site Survey

This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when client mode is enabled.

Select	Channel	SSID	BSSID	Encryption	Authentication	Signal	Mode
☐	1	C300APRA2+	00:22:F7:02:44:CF	TKIP	WPAPSK	100	11b/g/n
☒	6	C150BRS4	00:22:F7:5D:31:1C	AES	WPAPSK	100	11b/g/n

RefreshConnection

Note: If your existing wireless network is not shown, it can be out of range, turned off or hidden. Check if your existing wireless network is running and use the ‘Refresh’ button to scan again for wireless networks.

If your wireless network is hidden, it will not be shown in the “Wireless Site Survey”. In that case, close the “Wireless Site Survey” window and enter the exact network name in the field ‘MAIN ESSID’ at the “Basic Settings” page.

- D. Select your existing wireless network where you want to connect to and click the ‘Connection’ button.

The “Wireless Site Survey” popup will be closed and the selected wireless network name will be shown in the field ‘MAIN ESSID’ at the “Basic Settings” page.

- E. Click on the ‘Apply’ button to apply the settings.

Settings saved successfully.

Click on the “Continue” button to continue configuring other settings or click on the “Apply” button to restart the access point to make the changes take effect

ContinueApply

Note: When changing settings in the configuration of the C150APM you will always be asked to choose between two options:

- **Continue** : Continue to make changes (the changes are not yet saved in the memory).
- **Apply** : Apply all changes by saving them to the memory and restart the C150APM.

- F. Click on the ‘Continue’ button to proceed with changing settings.

G. Click on 'Security Settings' in the left menu of the web configuration.

The "Security Settings" will be shown on your screen.

H. Select the type of encryption used for your existing wireless network at the 'Encryption' dropdown menu.

If your existing wireless network is secured with WPA:

- Select the type of WPA security at the "WPA Unicast Cipher Suite" section.
- Select the type of encryption key at the "Pre-shared Key Format" section.
- Enter the encryption key at the "Pre-shared Key" section.

If your existing wireless network is secured with WEP:

- Select the encryption key length at the "Key Length" section.
- Select the corresponding key format at the "Key Format" section.
- Enter the encryption key at the "Encryption Key" section.

I. Click on the 'Apply' button to apply the settings.

ENGLISH

Note: When changing settings in the configuration of the C150APM you will always be asked to choose between two options:

- **Continue** : Continue to make changes (the changes are not yet saved in the memory).
- **Apply** : Apply all changes by saving them to the memory and restart the C150APM.

J. Click on the '**Apply**' button to save the settings in the memory and restart the C150APM.

Access point is being restarted! Please wait for the restart to complete.

OK(28)

During the restart, the '**OK**' button is grayed out and shows a countdown timer. When the restart is complete, click '**OK**' to return to the web configuration of the C150APM.

The '**bridge**' mode configuration is now complete. You can now disconnect the C150APM from your computer and connect it to the network device where you configured the bridge for.

Note: If you assigned a temporary fixed IP address to your computer in **chapter 5.2**, you need to set your computer back to the original settings. You can follow the steps in **chapter 5.2**. At **step E**, select '**Obtain an IP address automatically**'.

***Your Conceptronic 150N Wireless Access Point
is now ready to use as wireless bridge!***

7. Connecting to the wireless network

There are two different ways of wirelessly connecting to the C150APM:

- Manually.
- Automatically using the WPS function.

! IMPORTANT NOTE !

The C150APM is secured with WPA-PSK/WPA2-PSK (mixed mode) encryption by default. The unique WPA passphrase can be found on the product sticker at the bottom of your C150APM.

Almost every brand/type wireless card uses a different client application. Please refer to the manual of your wireless network card for information on how to create a connection with a wireless network.

7.1 Connecting manually in Windows 7

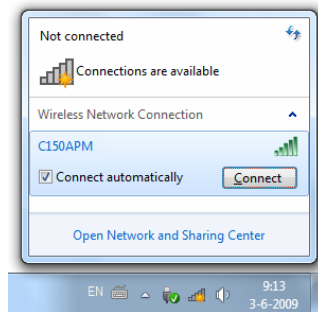
In the following example the integrated “Connect to a Network” option from Windows 7 is used.

- A Click on the ‘Network’ icon in the taskbar to view the list of available wireless network connections.



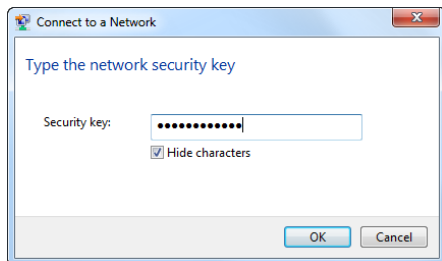
- B Select the network “C150APM” from the list and click on ‘Connect’.

By default the option “Connect automatically” is selected. This makes sure the connection is automatically started each time your computer is turned on. If you do not want this, you can unselect this option before clicking on ‘Connect’.

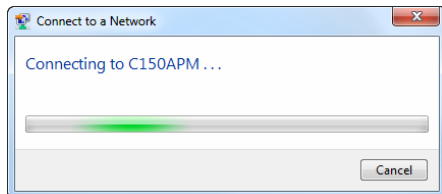


ENGLISH

- C Enter the default WPA passphrase (which is mentioned on the bottom of the C150APM) in the “Security key” field and click on ‘OK’.



- D The client will now start connecting to the wireless network.



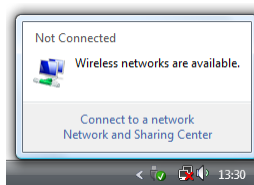
- E To check the status of the wireless connection, you can click on the ‘Network’ icon in the taskbar. You will see which network you are currently connected to, the access you have and the signal strength of the connection.



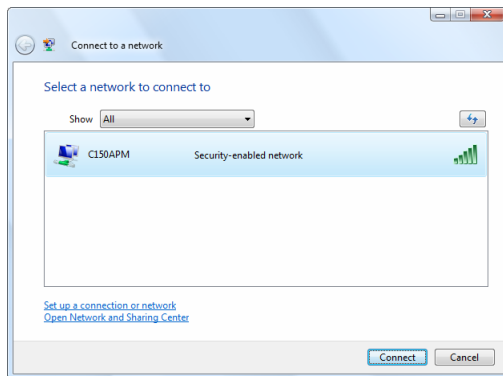
7.2 Connecting manually in Windows Vista

In the following example the integrated “Connect to a Network” option from Windows Vista with Service Pack 1 is used.

- A Click on the ‘Network’ icon in the system tray and click on “Wireless networks are available”.

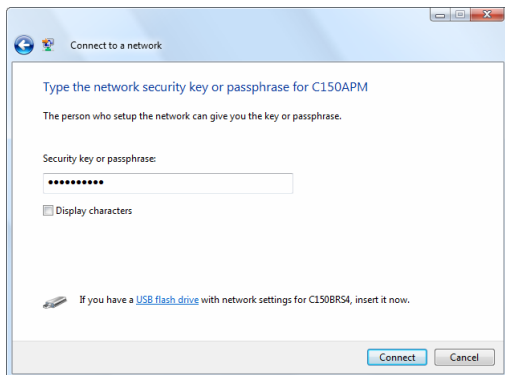


- B Select the network “C150APM” from the list and click on ‘Connect’.

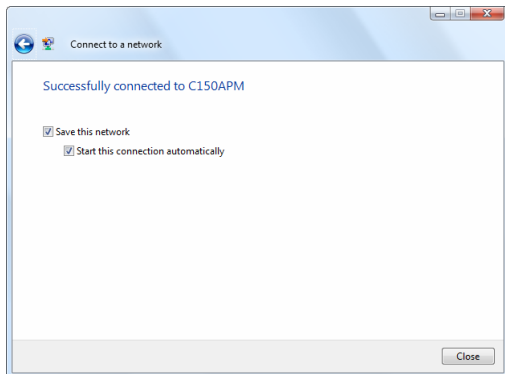


ENGLISH

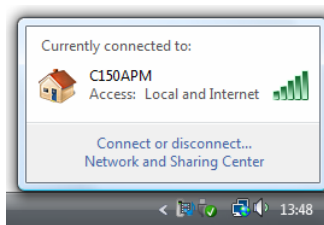
- C Enter the default WPA passphrase (which is mentioned on the bottom of the C150APM) in the “Security key or passphrase” field and click on ‘Connect’.



- D When the connection has been established, you can choose to save the network and have it start automatically each time your computer is turned on. Click on ‘Close’ to exit the connection wizard.



- E To check the status of the wireless connection, you can click on the ‘Network’ icon in the system tray. You will see which network you are currently connected to, the access you have and the signal strength of the connection.



7.3 Connecting automatically using WPS

The Conceptronic C150APM supports WPS (Wi-Fi Protected Setup). WPS is a standard for easy and secure establishment of a wireless network. With WPS you can setup and protect your wireless network in just a few easy steps.

Note: To use WPS with the C150APM, you need to have a wireless client that supports WPS. If you have one or more wireless clients without WPS support, it is advised to manually connect to the C150APM using the preconfigured WPA key as mentioned on the bottom. Refer to **chapter 7.1** or **7.2** on how to manually connect to the wireless network.

Note: For more (technical) information about WPS, refer to the following website:
http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

The C150APM supports two ways of activating and establishing a WPS connection:

- **Push Button technology**
- **PIN Code technology**

WPS - Push Button technology

The WPS Push Button technology requires a (virtual) button on the wireless client to establish a connection between the C150APM and the wireless client. Some wireless clients use an actual button for activating the WPS Push Button technology; other wireless clients use a virtual button in their software.

Follow the steps below to activate and establish a WPS connection with the Push Button technology:

- A. Press the WPS button on the back of the C150APM, the WLAN/WPS LED will burn steady indicating that WPS authentication has started.
- B. Press the WPS button on the wireless client. This can be either a hardware button or a virtual button in the software of the wireless client.

Note: The C150APM will keep the WPS authentication active for 120 seconds. During this process, the WLAN/WPS LED will burn steady. If there is no WPS connection established within 120 seconds, the LED will return to its original state and WPS authentication will be stopped.

If the WPS authentication is successful, the WLAN/WPS LED will return to its original state.

The wireless client is now connected to the secured wireless network of the C150APM. You can add more wireless clients without losing the connection to previously connected wireless clients. If you want to add more wireless clients, you will need to repeat step **A** and **B**.

ENGLISH

WPS - PIN Code technology

If your wireless client supports WPS but does not have a (virtual) Push button, you can use the PIN Code technology to establish a WPS connection.

Note: To activate the WPS PIN Code function, you need a computer with a wired connection to the C150APM.

- C. Login to the web interface as explained in **chapter 6.1**.
- D. First select '**General Setup**', then '**Wireless**' and finally '**WPS**'.

The "WPS" configuration page will be shown.

The screenshot shows the 'WPS' configuration page. At the top, there is a title 'WPS' with a help icon. Below it, a descriptive text states: 'This page allows you to change the setting for WPS (Wi-Fi Protected Setup). WPS can help your wireless client automatically connect to the Wireless Router.' A checkbox labeled 'Enable WPS' is checked. Below this is a yellow header 'WPS Information'. Under this header, the following details are listed: 'WPS Status : Configured', 'PIN Code : 20615048', 'SSID : C150BRS4', 'Authentication Mode : WPA pre-shared key', and 'Passphrase Key : *****'. Below this is another yellow header 'Device Configure'. Under this header, there is a 'Config Mode' dropdown menu set to 'Registrar'. Below the dropdown, there are two buttons: 'Start PBC' and 'Start PIN'. Above 'Start PBC' is the text 'Configure by Push Button :'. Below 'Start PIN' is a text input field labeled 'Enter Client PIN Code :'. The 'Start PIN' button is highlighted with a yellow background.

In the WPS configuration page, you can trigger the virtual 'Push Button' or the 'PIN Code' authentication. The 'PIN Code' authentication can be initiated in 2 different ways:

1. The wireless client will provide the PIN code, which will be entered in the access point. In this situation, the wireless client will be the 'Enrollee' and the access point will be the 'Registrar'.

- A. Start the wireless client and search for the provided PIN code, like shown in below example:

The screenshot shows the 'WPS Feature' configuration page. It has two main sections. The left section is a table with columns: SSID, BSSID, Ch..., ID, Auth..., and Encr... The first row contains the values: C150BRS4, 00:22:F7:5..., 6, WEP, and WPA... Below the table are buttons: Rescan, Connect, Disconnect, and Delete. There are also checkboxes for 'WPS Associate IE' and 'WPS Probe IE', both of which are checked. The right section is titled 'WPS status is not used'. Below this, there is a 'Config Mode' dropdown menu set to 'Enrollee'. Below the dropdown, there is a 'Pin Code' input field containing the value '67095834'. To the right of the input field is a 'Renew' button. The 'Pin Code' input field and the 'Renew' button are circled with a red dashed line.

Device Configure

Config Mode : Registrar

Configure by Push Button : Start PBC

Enter Client PIN Code : 67095834

Start PIN

- B. Make sure the “Config Mode” at the WPS configuration page is set to ‘Registrar’.
- C. Enter the PIN Code given by your wireless client in the “Enter Client PIN Code” field.
- D. Click the ‘Start PIN’ button.

The C150APM will keep the WPS authentication for incoming connections with the given PIN code active for 120 seconds.

- E. Initiate the PIN code connection on your wireless client.

Your wireless client will now connect to the secured wireless network of the C150APM. When the connection is established, the C150APM will stop the WPS authentication check and the WPS Status in the WPS configuration page will be set to “Configured”.

WPS Information

WPS Status : Configured

If you want to add more Wireless Clients with the WPS feature, repeat steps A to E.

2. The access point will provide the PIN code, which will be entered in the wireless client. In this situation, the access point will be the ‘Enrollee’ and the wireless client will be the ‘Registrar’.

 - A. Set the option “Config Mode” in the WPS configuration page to ‘Enrollee’ and write down the PIN code mentioned at the section “PIN Code”.
 - B. Click the ‘Start PIN’ button.

The C150APM will keep the WPS authentication for incoming connections with the generated PIN code active for 120 seconds.

- C. Enter the PIN code provided by the C150APM in your wireless client software, set the wireless client software to ‘Registrar’ and initiate the PIN code connection.

Your wireless client will now connect to the secured wireless network of the C150APM. When the connection is established, the C150APM will stop the WPS authentication check and the WPS Status in the WPS configuration page will be set to “Configured”.

WPS Information

WPS Status : Configured

If you want to add more Wireless Clients with the WPS feature, repeat steps A to C.

8. Advanced configuration settings

This quick installation guide explains the basic settings to get your C150APM up and running. For advanced settings or a more detailed explanation, please refer to the user manual (English only) on the included product CD-ROM.

Place the product CD-ROM into your optical drive, wait for the autorun menu to appear and select '**View User Manual**'.

Note: In order to view the user manual, you will have to have Adobe Reader installed. If you do not have this installed on your computer, you can select '**Install Adobe Reader**' from the autorun menu (Windows only).

*Enjoy the use of your
Conceptronic 150N Wireless Access Point!*

C150APM de Conceptronic

Guía de instalación rápida

Felicidades por la compra de su punto de acceso inalámbrico 150N de Conceptronic

Esta guía de instalación rápida le ofrece una descripción paso a paso acerca de cómo instalar y utilizar el C150APM de Conceptronic.

Si necesita más información o soporte técnico acerca de su producto, le recomendamos que visite nuestra página web de **Servicio y Soporte** www.conceptronic.net/support y seleccione una de las siguientes opciones:

- **FAQ** : Base de datos con las preguntas más frecuentes (FAQ)
- **Descargas** : Manuales, drivers, firmware y otras descargas
- **Contacto** : Contactar con el servicio técnico de Conceptronic

Para información general sobre los productos de Conceptronic, visite la página web de Conceptronic www.conceptronic.net.

La información de este manual está basada en Windows 7 y Vista, y las indicaciones podrían no coincidir exactamente con su caso si utiliza un sistema operativo diferente.

Nota: Esta guía de instalación rápida sólo explica los pasos básicos para configurar y hacer funcionar el C150APM.

Para más información acerca de las diferentes funciones del C150APM, consulte el Manual de usuario (sólo en inglés) que encontrará en el CR-ROM del producto. Espere a que aparezca el menú autoejecutable y seleccione 'View User Manual' (Ver el Manual de usuario).

Para poder ver este manual, deberá tener Adobe Reader instalado. Si no lo tiene instalado en su ordenador, puede seleccionar "Install Adobe Reader" (Instalar Adobe Reader) en el menú autoejecutable (sólo Windows).

Contenidos

1. Contenido del paquete
2. Parámetros preconfigurados
3. Descripción del C150APM
 - 3.1. Panel frontal
 - 3.2. Panel posterior
4. Definir el uso del C150APM
 - 4.1. Modo punto de acceso
 - 4.2. Modo puente
5. Configuración del ordenador
 - 5.1. Comprobar la dirección IP
 - 5.2. Configurar una dirección IP determinada
6. Configurar el C150APM en modo puente
 - 6.1. Iniciar sesión
 - 6.2. Crear una conexión puente
7. Conexión a la red inalámbrica
 - 7.1. Conexión manual con Windows 7
 - 7.2. Conexión manual con Windows Vista
 - 7.3. Conexión automática utilizando WPS
8. Opciones avanzadas de configuración

1. Contenido del paquete

El paquete del punto de acceso inalámbrico 150N de Conceptronic contiene los elementos siguientes:

- C150APM, punto de acceso inalámbrico 150N de Conceptronic
- Fuente de alimentación (5V CC, 1 A)
- Antena para conectividad inalámbrica
- Cable de red (LAN)
- CD-ROM del producto
- Esta guía de instalación rápida en varios idiomas
- Tarjeta de garantía y folleto de declaración de conformidad CE

2. Parámetros preconfigurados

El C150APM está preconfigurado con los siguientes parámetros:

<u>Dirección IP</u>	: 192.168.0.2
<u>Máscara de subred</u>	: 255.255.255.0
<u>Puerta de enlace predeterminada:</u>	192.168.0.1
<u>Nombre de usuario</u>	: admin
<u>Contraseña</u>	: admin

Nota: Se recomienda encarecidamente cambiar la contraseña cuando configure el C150APM por primera vez. Una vez haya iniciado sesión siguiendo los pasos descritos en el apartado 6.1, podrá cambiar la contraseña en la opción “System Settings” (Configuración del sistema).

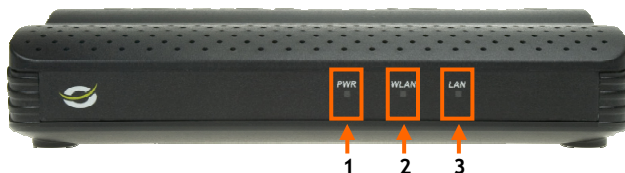
SSID (nombre de la red inalámbrica) : C150APM

Nivel de seguridad : Modo mixto WPA/WPA2 con AES/TKIP

Frase secreta : < Impresa en la etiqueta del producto situada en la parte inferior del C150APM >

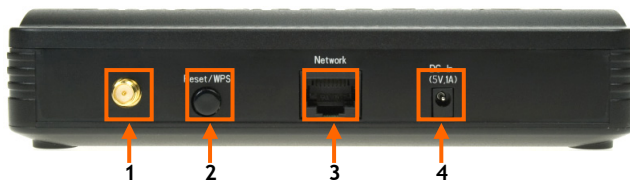
3. Descripción del C150APM

3.1 Panel frontal



Nº	Descripción	Estado	Descripción del estado de los LED
1	LED de encendido	OFF ON	El punto de acceso está apagado. El punto de acceso está encendido.
2	LED WLAN/WPS	OFF ON - FIJO ON - PARPADEO	La red inalámbrica está desactivada. Función WPS inalámbrica habilitada. Actividad en la red inalámbrica (enviando o recibiendo datos).
3	LED de LAN	OFF ON - FIJO ON - PARPADEO	El puerto LAN no está conectado. El puerto LAN está conectado. Actividad en el puerto LAN (enviando o recibiendo datos).

3.2 Panel posterior



Nº	Descripción	Explicación
1	Conector de la antena inalámbrica	Conector R-SMA para conectar la antena inalámbrica.
2	Botón reset/WPS	Activar la función WPS (pulsación breve) o realizar un reset (mantener pulsado).
3	Puerto de red (LAN)	Para conectar el punto de acceso a su red o a un dispositivo de red.
4	Conexión de alimentación	Para enchufar la fuente de alimentación al punto de acceso.

4. Definir el uso del C150APM

Antes de poder realizar la conexión adecuada del C150APM, deberá determinar el uso que le dará. El C150APM puede utilizarse en diferentes entornos y cada entorno requiere su propia configuración especial:

4.1 Modo punto de acceso

Si desea utilizar el C150APM para convertir su red por cable actual en una red inalámbrica, deberá conectar (y configurar) el dispositivo como “punto de acceso”.

- Conecte la fuente de alimentación al conector de la parte trasera del C150APM y a un enchufe de pared disponible. Se encenderá el LED de encendido de la parte frontal del C150APM.
- Conecte el cable de red (LAN) al puerto LAN del panel posterior del C150APM y a su red. El LED de LAN se encenderá, indicando que el cable de red está conectado correctamente y que la conexión está activa.

El C150APM funciona ahora como punto de acceso en su red. Prosiga con el **apartado 7** para conectar un cliente inalámbrico al C150APM.

Nota: De forma predeterminada, la red inalámbrica del C150APM está protegida con cifrado WPA-PSK/WPA2-PSK (modo mixto). Esto significa que no tendrá que proteger manualmente la red inalámbrica. Si desea cambiar manualmente los parámetros (incluyendo la protección) del C150APM, consulte el Manual de usuario (sólo en inglés) que encontrará en el CR-ROM del producto.

4.2 Modo puente

Si desea utilizar el C150APM para conectar un dispositivo de red (como por ejemplo una impresora o un dispositivo de almacenamiento en red, un reproductor multimedia o una videoconsola) a una red inalámbrica, deberá conectar (y configurar) el dispositivo en modo “puente”.

Nota: Para la configuración inicial del C150APM como puente, recomendamos encarecidamente conectar el punto de acceso a su red existente (router, switch, etc.) o directamente a su ordenador.

- Conecte la fuente de alimentación al conector de la parte trasera del C150APM y a un enchufe de pared disponible. Se encenderá el LED de encendido de la parte frontal del C150APM.
- Conecte el cable de red (LAN) al puerto LAN del panel posterior del C150APM y a su red u ordenador. El LED de LAN se encenderá, indicando que el cable de red está conectado correctamente y que la conexión está activa.

El C150APM se encuentra ahora activo, pero funcionando en modo punto de acceso. Prosiga con el **apartado 5** para preparar su ordenador para la configuración del C150APM. Prosiga con el **apartado 6** para configurar el C150APM en modo puente.

5. Configuración del ordenador

El punto de acceso está configurado con una dirección IP determinada. Para configurar el punto de acceso, su ordenador deberá tener una dirección IP que esté dentro del mismo rango que la del punto de acceso.

Nota: La dirección IP determinada del punto de acceso es: **192.168.0.2**

5.1 Comprobar la dirección IP

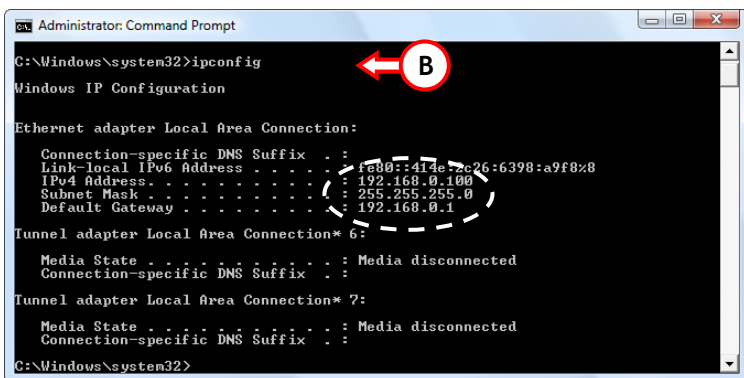
Puede comprobar si su ordenador tiene una dirección IP dentro del mismo rango que la del punto de acceso utilizando la **línea de comandos** de Windows. Este ejemplo está basado en Windows 7 y Windows Vista con Service Pack 1. Con Windows 7 y Vista se necesitan derechos de administrador para poder realizar los pasos siguientes, lo cual se explica a continuación:

- A. Haga clic en “Inicio”, “Todos los programas”, “Accesorios”, haga clic con el botón derecho en “Línea de comandos” y seleccione “Utilizar como administrador”.

Puede que aparezca un mensaje de aviso, en el que deberá hacer clic en “Continuar” o “Sí”.

A continuación aparecerá la ventana de la línea de comandos. Asegúrese que en la barra de título ponga “Administrador: línea de comandos”. Si no se menciona “Administrador”, significa que no tiene los derechos de administrador y no podrá seguir con los pasos siguientes, y deberá realizar el paso A de nuevo.

- B. Introduzca el comando “IPCONFIG” y pulse la tecla “ENTER” del teclado.



```
Administrator: Command Prompt

C:\Windows\system32>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::414e:2c26:6398:a9f8%8
    IPv4 Address. . . . . : 192.168.0.100
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.0.1

Tunnel adapter Local Area Connection* 6:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

Tunnel adapter Local Area Connection* 7:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

C:\Windows\system32>
```

Debería ver la información siguiente:

Dirección IPv4 : **192.168.0.xxx** (donde xxx puede ser un número entre 3 y 254).
Máscara de subred : **255.255.255.0**

ESPAÑOL

Si la información mostrada arriba concuerda con su configuración, puede continuar con la configuración del punto de acceso en el **apartado 5**.

Si la información anterior no concuerda con su configuración, para poder configurar el punto de acceso deberá asignar temporalmente una dirección IP determinada a su ordenador que esté dentro del mismo rango que la del punto de acceso.

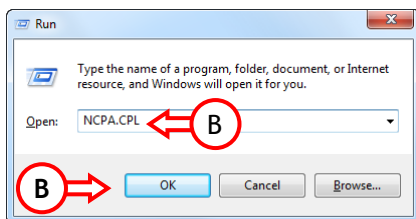
Encontrará los pasos para configurar una dirección IP determinada en el **apartado 5.2** siguiente.

5.2 Configurar una dirección IP determinada

Si la dirección IP de su ordenador no está dentro del mismo rango que la del punto de acceso, deberá asignar temporalmente una dirección IP determinada a su ordenador que sí lo esté.

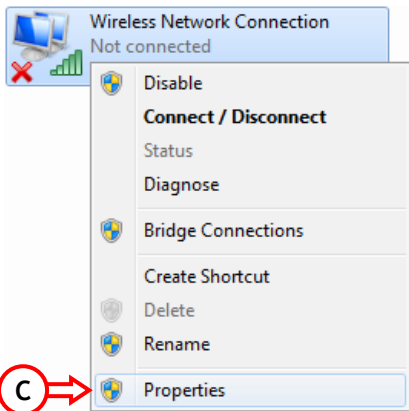
Con las instrucciones siguientes podrá asignar una dirección IP determinada a su ordenador.

- A. Haga clic en “Inicio”, “Todos los programas”, “Accesorios” y haga clic en “Ejecutar”.
- B. Introduzca el comando “NCPA.CPL” y pulse “OK”.



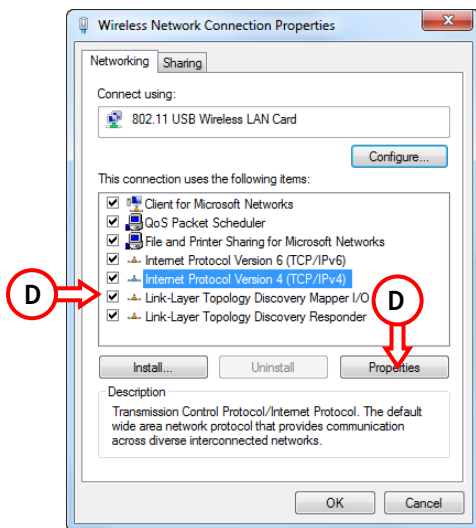
Aparecerá la ventana de **conexiones de red**.

- C. Haga clic con el botón derecho en “Conexión de área local” o en “Conexión de red inalámbrica” (dependiendo del tipo de conexión que utilice) y seleccione “Propiedades”.



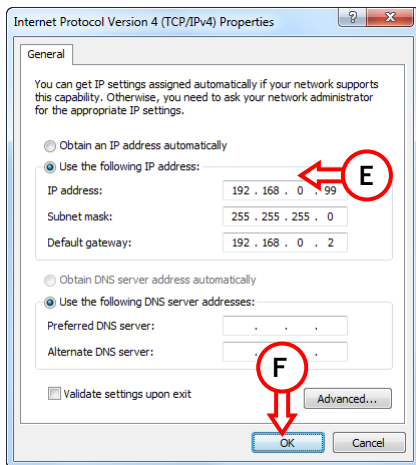
Aparecerá la ventana de propiedades de la conexión de área local o de la conexión de red inalámbrica.

- D. Seleccione la “Versión 4 del protocolo de Internet (TCP/IPv4)” y haga clic en “Propiedades”.



Aparecerá la ventana de propiedades de la Versión 4 del protocolo de Internet (TCP/IPv4).

- E. En la página de propiedades, seleccione “Utilizar la siguiente dirección IP:”
Dirección IP: 192.168.0.99
Máscara de subred: 255.255.255.0
Puerta de enlace predeterminada: 192.168.0.2
- F. Haga clic en “OK” para guardar la configuración.
- G. Haga clic en “OK” en la ventana de propiedades del Protocolo de Internet Versión 4 (TCP/IPv4) para guardar la configuración.



6. Configurar el C150APM en modo “puente”

Este capítulo describe cómo configurar el C150APM en modo “puente”.

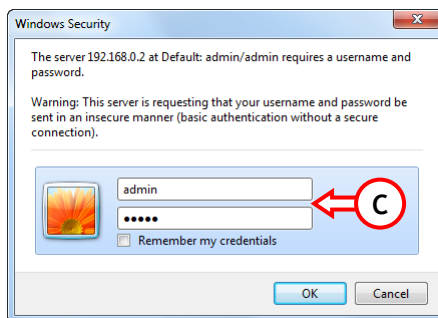
6.1 Iniciar sesión

La configuración del C150APM se realiza a través de Internet. Esto significa que deberá configurar el C150APM con un ordenador que disponga de navegador de Internet.

Para iniciar sesión en el C150APM, siga los siguientes pasos:

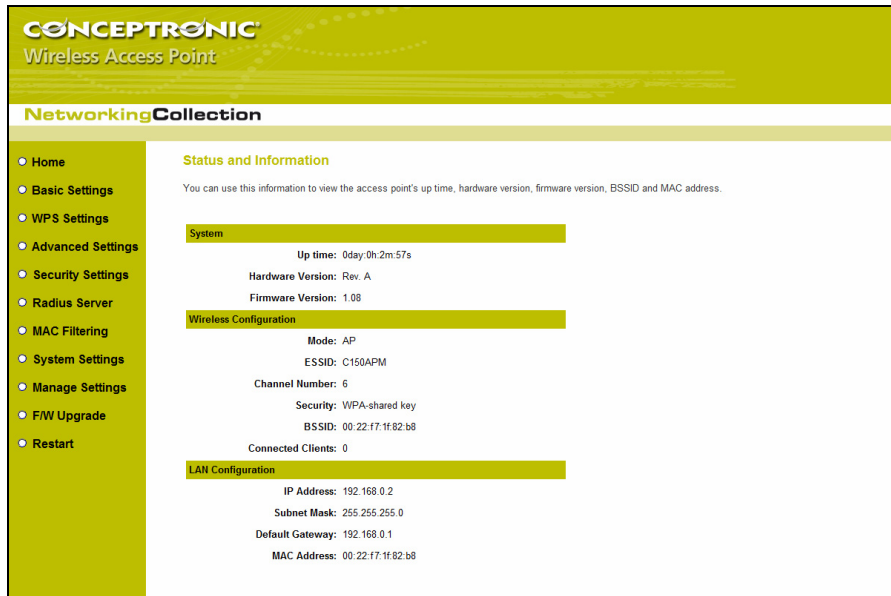
- A. Inicie su navegador de Internet (como Internet Explorer, Firefox, Safari o Chrome).
- B. Introduzca la dirección IP del punto de acceso en la barra de direcciones de su navegador de Internet.
Predeterminado: : <http://192.168.0.2/>

Aparecerá una ventana que le pedirá que introduzca el nombre de usuario y la contraseña.



- C. Introduzca el nombre de usuario y la contraseña y haga clic en “OK” para acceder a la página de configuración vía web.
Nombre de usuario predeterminado : **admin**
Contraseña predeterminada : **admin**

Si el nombre de usuario y la contraseña son correctos, el C150APM mostrará la página de configuración principal:



Desde la página principal podrá escoger fácilmente una de las opciones de la configuración vía web del C150APM:

- **Home (Principal)** : Muestra la página de configuración principal.
- **Basic Settings (Configuración básica)** : Ajustar los parámetros básicos del punto de acceso.
- **WPS Settings (Configuración WPS)** : Ajustar los parámetros de WPS.
- **Advanced Settings (Configuración avanzada)** : Ajustar la configuración inalámbrica avanzada.
- **Security Settings (Configurar protección)** : Ajustar los parámetros de seguridad inalámbrica.
- **Radius Server (Servidor Radius)** : Configurar las opciones del servidor Radius.
- **MAC Filtering (Filtrado de MAC)** : Habilitar y configurar las reglas de filtrado de MAC.
- **System Settings (Configuración del sistema)** : Ajustar los parámetros de sistema del C150APM.
- **Manage Settings (Gestión de configuración)** : Realizar copia de seguridad de la configuración, o restaurar la configuración predeterminada del C150APM.
- **F/W Upgrade (Actualización de firmware)** : Realizar la actualización del firmware.
- **Reiniciar** : Reiniciar el punto de acceso.

Nota: En esta guía de instalación rápida sólo se explican los parámetros necesarios para configurar el modo “puente” y los parámetros básicos de la configuración del modo “punto de acceso”. Todas las demás opciones se explican en el manual del usuario (sólo en inglés) que encontrará en el CD-ROM del producto. Espere a que aparezca el menú autoejecutable y seleccione ‘View User Manual’ (Ver el Manual de usuario).

6.2 Crear una conexión puente

Este apartado le guiará paso a paso para configurar los parámetros del C150APM necesarios para realizar una conexión puente.

Nota: Antes de poder continuar con la configuración del C150APM en modo puente, necesitará la siguiente información sobre su red inalámbrica actual:

- Nombre de la red (SSID)
- Tipo de cifrado utilizado
- Clave de cifrado / frase secreta

A. Haga clic en “Basic Settings” (Configuración básica) en el menú de la izquierda de la página de configuración vía web.

Aparecerá en su pantalla el menú de configuración básica.

The screenshot shows the web interface of a Conceptronic Wireless Access Point. The header is green with the brand name 'CONCEPTRONIC' and 'Wireless Access Point'. Below it is a yellow bar with 'NetworkingCollection'. On the left is a green sidebar menu with options: Home, Basic Settings (selected), WPS Settings, Advanced Settings, Security Settings, Radius Server, MAC Filtering, System Settings, Manage Settings, FW Upgrade, and Restart. The main content area is titled 'Basic Settings' and contains instructions: 'Use this page to select the operation mode for the access point, the ESSID and channel number for the wireless connection. This is used for wireless clients to connect to the access point.' The configuration fields are: Mode (dropdown set to Station-Infrastructure), Band (dropdown set to 2.4 GHz (B+G+N)), MAIN ESSID (text box containing C150APM), and Site Survey (button labeled Select Site Survey). At the bottom are 'Apply' and 'Cancel' buttons.

B. Cambie el “Mode” a “Station-Infrastructure” (Estación-Infraestructura).

C. Haga clic en el botón “Select Site Survey” para buscar su red inalámbrica existente.

Aparecerá el apartado “Wireless Site Survey” en una ventana emergente, donde se mostrarán todas las redes encontradas en su área.

Wireless Site Survey

This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when client mode is enabled.

Select	Channel	SSID	BSSID	Encryption	Authentication	Signal	Mode
☐	1	C300APRA2+	00:22:F7:02:44:CF	TKIP	WPAPSK	100	11b/g/n
☒	6	C150BRS4	00:22:F7:5D:31:1C	AES	WPAPSK	100	11b/g/n

Refresh Connection

Nota: Si su red inalámbrica actual no aparece, puede ser que esté fuera de alcance, apagada u oculta. Compruebe que su red inalámbrica actual esté activada y después pulse el botón **“Refresh”** (Actualizar) para volver a buscar redes inalámbricas.

Si su red inalámbrica está oculta, no aparecerá en el apartado **“Wireless Site Survey”**. En ese caso, cierre la ventana **“Wireless Site Survey”** e introduzca el nombre exacto de la red en el campo **“MAIN ESSID”** (ESSID PRINCIPAL) en la página **“Basic Settings”** (Configuración básica).

- D. Seleccione la red inalámbrica existente a la que quiera conectarse y haga clic en el botón **“Connection”** (Conexión).

La ventana emergente **“Wireless Site Survey”** se cerrará y en el campo **“MAIN ESSID”** (ESSID PRINCIPAL) de la página **“Basic Settings”** (Configuración básica) se mostrará el nombre de la red inalámbrica seleccionada.

- E. Haga clic en el botón **“Apply”** para aplicar la configuración.

Settings saved successfully.

Click on the “Continue” button to continue configuring other settings or click on the “Apply” button to restart the access point to make the changes take effect

Continue Apply

Nota: Cuando realice cambios en la configuración del C150APM, siempre se le pedirá que escoja una de las siguientes dos opciones:

- **Continue** : Continuar realizando cambios (los cambios todavía no están guardados en la memoria).
- **Apply** : Aplicar todos los cambios guardándolos en la memoria y reiniciar el C150APM.

- F. Para continuar realizando cambios, haga clic en el botón **“Continue”** (Continuar).

ESPAÑOL

- G. Haga clic en “Security Settings” (Configurar protección) en el menú de la izquierda de la página de configuración vía web.

Aparecerá en su pantalla el menú “Security Settings”.

The screenshot shows the web interface of a CONCEPTRONIC Wireless Access Point. The header is green with the brand name and logo. Below it is a yellow bar with the text "NetworkingCollection". On the left is a green sidebar menu with options: Home, Basic Settings, WPS Settings, Advanced Settings, Security Settings (highlighted), Radius Server, MAC Filtering, System Settings, Manage Settings, F/W Upgrade, and Restart. The main content area is titled "Security Settings" and includes a sub-header "Use this page to enable or disable security on your wireless network. Define an encryption method to prevent unauthorized access to your wireless network." Below this is a "Select SSID" section with a dropdown menu showing "SSID choice : C150BRS4". The "Security Settings" section has an "Encryption" dropdown set to "WPA pre-shared key", a "WPA Unicast Cipher Suite" section with radio buttons for "WPA(TKIP)" and "WPA2(AES)" (selected), a "Pre-shared Key Format" dropdown set to "Passphrase", and a "Pre-shared Key" text field with masked characters. At the bottom are "Apply" and "Cancel" buttons.

- H. En el menú desplegable “Encryption” (Cifrado), seleccione el tipo de cifrado utilizado en su red inalámbrica actual.

Si su red inalámbrica actual está protegida mediante WPA:

- Seleccione el tipo de protección WPA en la sección “WPA Unicast Cipher Suite”.
- Seleccione el tipo de clave de cifrado en la sección “Pre-shared Key Format” (Formato de la clave pre-compartida).
- Introduzca la clave de cifrado en la sección “Pre-shared Key” (Clave pre-compartida).

Si su red inalámbrica actual está protegida mediante WEP:

- Seleccione la longitud de la clave de cifrado en la sección “Key Length” (Longitud de la clave).
- Seleccione el formato de clave correspondiente en la sección “Key Format” (Formato de la clave).
- Introduzca la clave de cifrado en la sección “Encryption Key” (Clave de cifrado).

- I. Haga clic en el botón “Apply” (Aplicar) para aplicar la configuración.

Settings saved successfully.

Click on the “Continue” button to continue configuring other settings or click on the “Apply” button to restart the access point to make the changes take effect

Continue

Apply

Nota: Cuando realice cambios en la configuración del C150APM siempre se le pedirá que escoja una de las siguientes dos opciones:

- **Continue** : Continuar realizando cambios (los cambios todavía no están guardados en la memoria).
- **Apply** : Aplicar todos los cambios guardándolos en la memoria y reiniciar el C150APM.

J. Haga clic en el botón “**Apply**” para guardar la configuración en la memoria y reiniciar el C150APM.

Access point is being restarted! Please wait for the restart to complete.

OK(2s)

Durante el reinicio, el botón “**OK**” aparecerá en gris y se mostrará el tiempo restante de reinicio. Una vez finalizado el reinicio, haga clic en “**OK**” para volver a la configuración vía web del C150APM.

Se ha completado la configuración del modo bridge. Ahora puede desconectar el C150APM de su ordenador y conectarlo al dispositivo de red para el cual ha configurado el modo puente.

Nota: Si ha asignado una dirección IP determinada temporal a su ordenador en el **apartado 5.2**, deberá volver a configurar su ordenador con la configuración original. Siga los mismos pasos que en el **apartado 5.2**. En el paso E, seleccione “**Obtener la dirección de IP automáticamente**”.

¡Su punto de acceso inalámbrico 150n de Conceptronic ya está listo para ser utilizado como puente inalámbrico!

7. Conexión a la red inalámbrica

Existen dos formas de conectarse de forma inalámbrica al C150APM:

- Manualmente.
- Automáticamente utilizando la función WPS.

¡ NOTA IMPORTANTE !

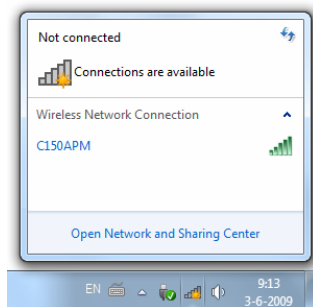
De forma predeterminada el C150APM está protegido con cifrado WPA-PSK/WPA2-PSK (modo mixto). Encontrará la frase secreta WPA en la etiqueta situada en la parte inferior de su C150APM.

Casi todas las marcas o tipos de tarjetas inalámbricas utilizan aplicaciones de cliente distintas. Consulte la información del manual de su tarjeta de red inalámbrica acerca de cómo crear una conexión con una red inalámbrica.

7.1 Conexión manual con Windows 7

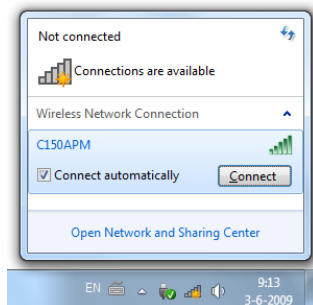
En el siguiente ejemplo se utiliza la opción integrada “Conectarse a una red” de Windows 7.

- A Haga clic en el icono “Red” de la barra de tareas para ver la lista de conexiones a redes inalámbricas disponibles.

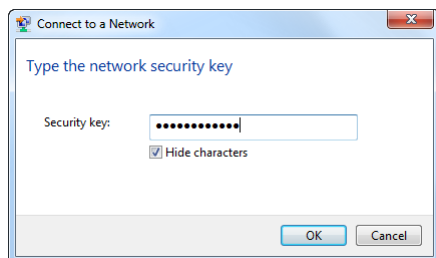


- B. Seleccione la red “C150APM” de la lista y haga clic en “Conectar”.

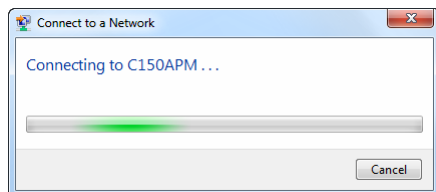
De forma predeterminada estará seleccionada la opción “Conectarse automáticamente”. Esto hace que la conexión se realice automáticamente cada vez que encienda el ordenador. Si no desea que esto ocurra, desactive esta opción antes de hacer clic en “Conectar”.



- C. Introduzca la frase secreta WPA predeterminada (que encontrará en la parte inferior del C150APM) en el campo “Clave de seguridad” y haga clic en “OK”.



- D. El cliente iniciará ahora su conexión a la red inalámbrica.



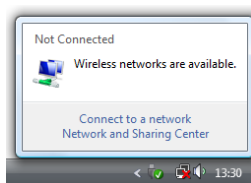
- E. Para comprobar el estado de la conexión inalámbrica, puede hacer clic en el icono “Red” de la barra de tareas. Podrá ver a qué red está actualmente conectado, el tipo de acceso y el nivel de la señal de conexión.



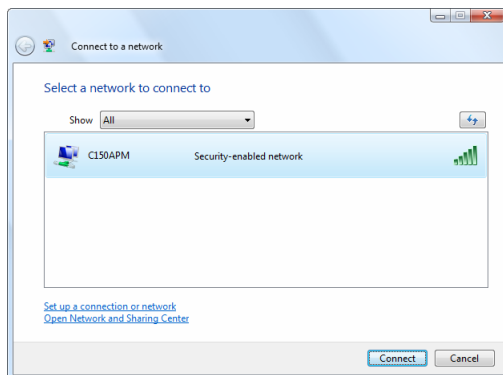
7.2 Conexión manual con Windows Vista

En el siguiente ejemplo se utiliza la opción **“Conectarse a una red”** de Windows Vista con Service Pack 1.

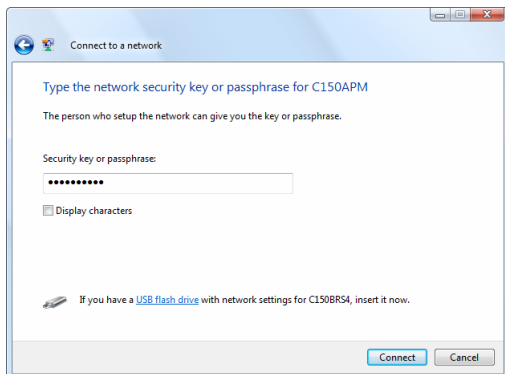
- A Haga clic en el icono de red de la bandeja del sistema y haga clic en **“Hay disponibles redes inalámbricas”**.



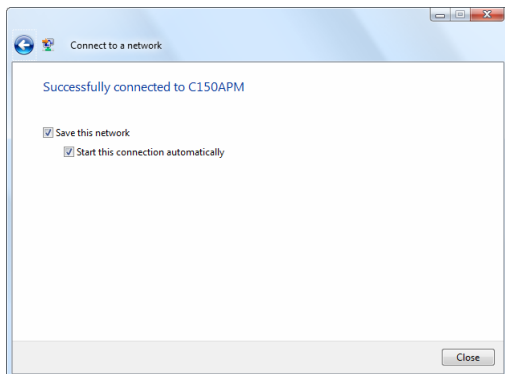
- B. Seleccione la red **“C150APM”** de la lista y haga clic en **“Conectar”**.



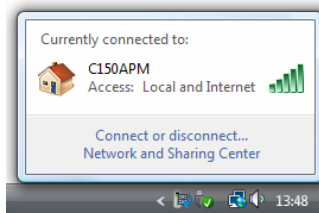
- C. Introduzca la frase secreta WPA predeterminada (que encontrará en la parte inferior del C150APM) en el campo “Clave o frase de seguridad” y haga clic en “Conectar”.



- D. Una vez se ha establecido la conexión, puede guardar la red y hacer que se inicie automáticamente cada vez que encienda el ordenador. Haga clic en “Cerrar” para salir del asistente de conexión.



- E. Para comprobar el estado de la conexión inalámbrica, puede hacer clic en el icono de red de la bandeja del sistema. Podrá ver a qué red está actualmente conectado, el tipo de acceso y el nivel de la señal de conexión.



7.3 Conexión automática utilizando WPS

El C150APM de Conceptronic es compatible con la función WPS (configuración Wi-Fi protegida). La función WPS es un procedimiento para establecer una red inalámbrica de forma fácil y segura. Con esta función podrá configurar y proteger su red inalámbrica siguiendo tan sólo unos pasos muy sencillos.

Nota: Para usar la función WPS con el C150APM, deberá tener un cliente inalámbrico compatible con dicha función. Si tiene uno o más clientes inalámbricos que no son compatibles con la función WPS, se recomienda que se conecte al C150APM manualmente utilizando la clave WPA preconfigurada que aparece en la base del C150APM. Consulte el **apartado 7.1 ó 7.2** para más información sobre cómo conectarse manualmente a la red inalámbrica.

Nota: Si desea más información (general o técnica) sobre la función WPS, puede visitar el sitio web siguiente:
http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

El C150APM ofrece dos maneras para activar y establecer una conexión WPS:

- **Tecnología “Push Button”**
- **Tecnología de código PIN**

WPS con la tecnología “Push Button”

La tecnología “Push Button” para WPS requiere un botón (real o virtual) en el cliente inalámbrico para establecer una conexión entre el C150APM y el cliente inalámbrico.

Algunos clientes inalámbricos utilizan un botón real para activar la tecnología Push Button para WPS, mientras que otros emplean un botón virtual basado en software.

Siga los pasos siguientes para activar y establecer una conexión WPS con la tecnología “Push Button”:

- A.** Pulse el botón WPS en la parte posterior del C150APM; el LED WLAN/WPS se encenderá sin parpadear, lo que indicará que se ha iniciado la autenticación WPS.
- B.** Pulse el botón WPS del cliente inalámbrico. Puede tratarse de un botón real o de un botón virtual en el software del cliente inalámbrico.

Nota: El C150APM mantendrá activa la autenticación WPS durante 120 segundos. Durante este proceso, el LED WLAN/WPS se encenderá sin parpadear. Si no hay conexión WPS durante estos 120 segundos, el LED volverá a su estado inicial y la autenticación WPS se detendrá.

Si la autenticación WPS se ha realizado correctamente, el LED WLAN/WPS volverá a su estado inicial.

El cliente inalámbrico se encuentra ahora conectado a la red inalámbrica protegida del C150APM.

Puede añadir más clientes inalámbricos sin perder la conexión con los clientes inalámbricos anteriores. Si desea añadir más clientes inalámbricos, deberá repetir los pasos **A** y **B**.

WPS con tecnología de Código PIN

Si su cliente inalámbrico es compatible con WPS pero no tiene ningún botón “Push Button” real o virtual, puede utilizar la tecnología de Código PIN para establecer una conexión WPS.

Nota: Para activar la función Código PIN WPS, necesitará un ordenador con conexión por cable al C150APM.

- A. Entre en la página de configuración vía web tal como se describe en el apartado 6.1.
- B. Seleccione “General Setup” (Configuración general), luego “Wireless” (Inalámbrica) y finalmente “WPS”.

A continuación, aparecerá la página de configuración WPS.

WPS

This page allows you to change the setting for WPS (Wi-Fi Protected Setup). WPS can help your wireless client automatically connect to the Wireless Router.

☒ Enable WPS

WPS Information

WPS Status : Configured
 PIN Code : 20615048
 SSID : C150BRS4
 Authentication Mode : WPA pre-shared key
 Passphrase Key : *****

Device Configure

Config Mode : Registrar ▾

Configure by Push Button : **Start PBC**

Enter Client PIN Code : **Start PIN**

En la página de configuración WPS, podrá activar la autenticación con “Push Button” virtual o con código PIN.

La autenticación con código PIN puede iniciarse de 2 formas diferentes:

1. El cliente inalámbrico proporcionará el código PIN, el cual deberá ser introducido en el punto de acceso.
 En este supuesto, el cliente inalámbrico será el “Enrollee” (Inscrito) y el punto de acceso será el “Registrar” (Registrador).
- A. Inicie el cliente inalámbrico y busque el código PIN proporcionado, tal como se muestra en el ejemplo siguiente:

SSID	BSSID	Ch...	ID	Auth...	Encr...	SSID	Authenticat...	Encryption
C150BR54	00:22:F7:5...	6		WEP	WPA...			

Rescan Connect Disconnect Delete

PIN ☒ WPS Associate IE

PBC ☒ WPS Probe IE WPS status is not used

Config Mode: Enrollee

PIN Code: 67095834 Renew

Device Configure

Config Mode: Registrar

Configure by Push Button: Start PBC

Enter Client PIN Code: 67095834 Start PIN

- B. Asegúrese de que el modo de configuración (“**Config Mode**”) de la página de configuración WPS es “**Registrar**”.
- C. Introduzca el código PIN proporcionado por el cliente inalámbrico en el campo “**Enter Client PIN Code**” (Introducir código PIN del cliente).
- D. Haga clic en el botón “**Start PIN**” (Iniciar PIN).

El C150APM mantendrá activa la autenticación WPS para conexiones entrantes con ese código PIN durante 120 segundos.

- E. Inicie la conexión con código PIN de su cliente inalámbrico.

El cliente inalámbrico se conectará a la red inalámbrica protegida del C150APM. Cuando se haya establecido conexión, el C150APM detendrá la búsqueda de autenticación WPS y en el estado WPS de la configuración WPS aparecerá “**Configured**” (Configurado).

WPS Information

WPS Status: Configured

Si desea añadir más clientes inalámbricos con la función WPS, repita los pasos de A a E.

2. El punto de acceso proporcionará el código PIN, el cual deberá ser introducido en el cliente inalámbrico.
En este supuesto, el punto de acceso será el “Enrollee” (Inscrito) y el cliente inalámbrico será el “Registrar” (Registrador).

- A. En la página de configuración WPS, en la opción “Config Mode” (Modo de configuración), escoja “Enrollee” (Inscrito) y anote el código PIN que aparece en la sección “PIN Code” (Código PIN).
- B. Haga clic en el botón “Start PIN” (Iniciar PIN).

El C150APM mantendrá activa la autenticación WPS para conexiones entrantes con el código PIN generado durante 120 segundos.

- C. Introduzca el código PIN proporcionado por el C150APM en el software del cliente inalámbrico, establezca el cliente inalámbrico como “Registrar” (Registrador) e inicie la conexión por código PIN.

El cliente inalámbrico se conectará a la red inalámbrica protegida del C150APM. Cuando se haya establecido conexión, el C150APM detendrá la búsqueda de autenticación WPS y en el estado WPS de la configuración WPS aparecerá “Configured” (Configurado).



Si desea añadir más clientes inalámbricos con la función WPS, repita los pasos de A a C.

8. Opciones avanzadas de configuración

Esta guía de instalación rápida explica los pasos básicos para configurar y hacer funcionar el C150APM. Para una configuración avanzada o para encontrar información más detallada, consulte el Manual de usuario (sólo en inglés) que encontrará en el CR-ROM del producto.

Introduzca el CD-ROM del producto en la unidad de CD-ROM, espere a que aparezca el menú autoejecutable y seleccione 'View User Manual' (Ver el Manual de usuario).

Nota: Para poder ver este manual, deberá tener Adobe Reader instalado. Si no lo tiene instalado en su ordenador, puede seleccionar "Install Adobe Reader" (Instalar Adobe Reader) en el menú autoejecutable (sólo Windows).

***¡Disfrute del uso de su
punto de acceso inalámbrico 150N de Conceptronic!***

Conceptronic C150APM

Schnellinstallationsanleitung

Wir gratulieren Ihnen zum Erwerb Ihres neuen Conceptronic 150N Wireless Access Point

In dieser Schnellinstallationsanleitung wird Ihnen Schritt für Schritt gezeigt, wie der Conceptronic C150APM installiert und verwendet wird.

Wenn Sie weitere Informationen oder Support für Ihr Produkt benötigen, besuchen Sie unsere **Service & Support-Website** unter www.conceptronic.net/support und wählen Sie eine der folgenden Optionen:

- **FAQ** : Datenbank mit häufig gestellten Fragen
- **Downloads** : Anleitungen, Treiber, Firmware und weitere Downloads
- **Kontakt** : Kontakt mit dem Conceptronic-Support

Allgemeine Informationen über Conceptronic-Produkte finden Sie auf der Conceptronic-Website unter www.conceptronic.net.

Die Informationen in dieser Anleitung basieren auf Windows 7 und Windows Vista und können variieren, wenn Sie ein anderes Betriebssystem auf Ihrem Computer verwenden.

Hinweis: Diese Schnellinstallationsanleitung erklärt lediglich die Grundschrirte, die durchgeführt werden müssen, um den C150APM betriebsbereit zu machen. Weitere Informationen über die verschiedenen Funktionen des C150APM finden Sie im Bedienungsanleitung auf der im Lieferumfang enthaltenen CD-ROM (nur in Englisch). Klicken Sie dazu im Autorun-Menü auf **„View User Manual [Benutzerhandbuch öffnen]“**

Um die komplette Bedienungsanleitung anzuzeigen, brauchen Sie den Adobe Reader. Wenn der Adobe Reader nicht auf Ihrem Rechner installiert ist, können Sie das Programm installieren, indem Sie im Autorun-Menü **„Install Adobe Reader“** wählen (nur für Windows).

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 - 5.2. Konfiguration einer festen IP-Adresse
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1. Packungsinhalt

Der Lieferumfang des Conceptronic 150N Wireless Access Point enthält die folgenden Teile:

- Conceptronic C150APM - 150N Wireless Access Point
- Netzteil 5V GS, 1A
- Antenne für drahtlose Konnektivität
- Netzwerkkabel (LAN)
- Produkt-CD-ROM
- Diese mehrsprachige Schnellinstallationsanleitung
- Garantiekarte und Broschüre mit CE-Erklärung

2. Voreinstellungen

Der C150APM wird mit den folgenden werkseitigen Voreinstellungen geliefert:

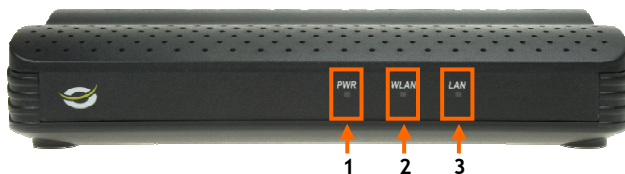
<u>IP-Adresse</u>	: 192.168.0.2
<u>Subnet-Maske</u>	: 255.255.255.0
<u>Standardgateway</u>	: 192.168.0.1
<u>Benutzername</u>	: admin
<u>Kennwort</u>	: admin

Hinweis: Wir empfehlen Ihnen, das Kennwort zu ändern, wenn Sie den C150APM zum ersten Mal konfigurieren. Wenn Sie sich entsprechend dem in **Kapitel 6.1** beschriebenen Verfahren angemeldet (eingeloggt) haben, können Sie das Kennwort unter der Option „**System Settings** [Systemeinstellungen]“ ändern.

<u>SSID (Name des Drahtlosnetzes)</u>	: C150APM
<u>Sicherheitsstufe</u>	: WPA/WPA2 gemischter Modus mit AES/TKIP
<u>Sicherheits-Passphrase</u>	: < Steht auf dem Produktaufkleber an der Unterseite des C150APM >

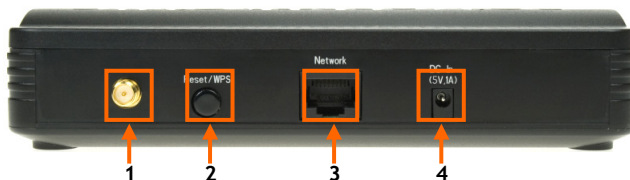
3. Beschreibung des C150APM

3.1 Vorderseite



Nr.	Beschreibung	Status	Status-Erklärung
1	Power LED	AUS EIN	Der Access Point ist ausgeschaltet. Der Access Point ist eingeschaltet.
2	WLAN/WPS LED	AUS EIN - DAUERLICHT EIN - BLINKT	Das Drahtlosnetz ist ausgeschaltet. Die Drahtlos-WPS-Funktion ist aktiviert. Aktivität des Drahtlosnetzes (Senden oder Empfangen von Daten)
3	LAN LED	AUS EIN - DAUERLICHT EIN - BLINKT	LAN-Port ist nicht verbunden LAN-Port ist verbunden Aktivität von LAN-Port (Senden oder Empfangen von Daten)

3.2 Rückseite



Nr.	Beschreibung	Erläuterung
1	Stecker f. Drahtlosantenne	R-SMA-Stecker für Übertragung via Drahtlosantenne
2	Reset/WPS-Schalter	Zum Aktivieren von WPS-Funktion (kurz drücken) Reset (gedrückt halten)
3	Netzwerkanschluss (LAN)	Stellt eine Verbindung zwischen dem Access Point zum Netz oder zu einem mit Netz ausgerüsteten Gerät her
4	Stromanschluss	Zum Anschluss des Geräts an die Stromversorgung-

4. Einstellung des Modus für den C150APM

Bevor Sie mit dem C150APM eine Verbindung aufbauen können, muss der Modus des C150APM festgelegt werden.

Der C150APM kann in verschiedenen Umgebungen verwendet werden. Jede Umgebung erfordert eine spezifische Konfiguration:

4.1 Access-Point-Modus

Wenn Sie den C150APM verwenden wollen, um ein bestehendes drahtgebundenes Netz in ein Drahtlosnetz zu verwandeln, muss das Gerät als „Access Point“ konfiguriert und verbunden werden.

- Schließen Sie den Netzanschluss an den Stromanschluss an der Rückseite des C150APM an und stecken Sie den Stecker in die Steckdose. Die Stromanzeige-LED an der Vorderseite des C150APM leuchtet auf.
- Schließen Sie das LAN-Kabel an den LAN-Port an der Rückseite des C150APM und an das Netzwerk an. Die LAN-LED leuchtet auf und zeigt damit an, dass das LAN-Kabel korrekt angeschlossen ist und die Verbindung aktiv ist.

Der C150APM arbeitet jetzt als „Access Point“ in dem Netzwerk. Gehen Sie weiter zu **Kapitel 7** zum Anschluss eines Drahtlosclients an den C150APM.

Hinweis: Das Drahtlosnetz des C150APM wird standardmäßig mit der Verschlüsselung WPA-PSK/WPA2-PSK (gemischter Modus) abgesichert. Das bedeutet, dass Sie das Drahtlosnetz nicht manuell abzusichern brauchen. Um die Sicherheitseinstellungen oder andere Einstellungen des C150APM manuell zu ändern, konsultieren Sie bitte die Bedienungsanleitung auf der mitgelieferten CD-ROM (nur auf Englisch).

4.2 Brücken-Modus

Wenn Sie den C150APM zum Anschluss eines Geräts mit Netzwerk (zum Beispiel einen Netzwerkdrucker, ein Netzwerk-Speichermedium, einen Mediaplayer oder eine Spielekonsole) an ein Drahtlosnetz verwenden wollen, müssen Sie das Gerät als „Brücke“ konfigurieren und anschließen.

Hinweis: Für die erste Konfiguration des C150APM als „Brücke“ wird unbedingt empfohlen, den Access Point an Ihr bestehendes Netzwerk (Access Point, Schalter usw.) oder direkt an den Rechner anzuschließen.

- Schließen Sie den Netzanschluss an den Stromanschluss an der Rückseite des C150APM an und stecken Sie den Stecker in die Steckdose. Die Stromanzeige-LED an der Vorderseite des C150APM leuchtet auf.
- Schließen Sie das LAN-Kabel an den LAN-Port an der Rückseite des C150APM und an das Netzwerk an. Die LAN-LED leuchtet auf und zeigt damit an, dass das LAN-Kabel korrekt angeschlossen ist und die Verbindung aktiv ist.

Der C150APM ist jetzt aktiv, arbeitet aber im „Access-Point-Modus“.

Gehen Sie zu **Kapitel 5**, um den Rechner für die Konfiguration des C150APM vorzubereiten.

Gehen Sie zu **Kapitel 6**, um den C150APM im „Brücken-Modus“ zu konfigurieren.

5. Konfiguration des Rechners

Für den Access Point wurde eine feste IP-Adresse eingestellt. Um den Access Point zu konfigurieren, muss die IP-Adresse des Rechners in demselben Bereich wie die IP-Adresse des Access Point liegen.

Hinweis: Die feste IP-Adresse des Access Point lautet: **192.168.0.2**

5.1 Überprüfen der IP-Adresse

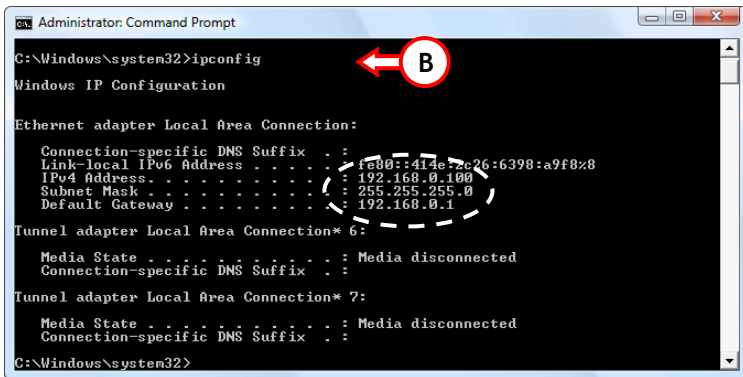
Über die ‚Eingabeaufforderung‘ von Windows können Sie überprüfen, ob die IP-Adresse des Rechners in demselben Bereich wie die IP-Adresse des Access Point liegt. Dieses Beispiel basiert auf Windows 7 und Vista mit Service Pack 1. Bei Windows 7 und Vista benötigen Sie die Administratorrechte, um die im folgenden Schritte durchzuführen.

- A. Klicken Sie auf ‚Start‘, ‚Alle Programme‘, ‚Zubehör‘, rechtsklicken Sie auf ‚Eingabeaufforderung‘ und wählen Sie ‚Als Administrator ausführen‘ aus.

Möglicherweise wird eine Warnmeldung angezeigt. Akzeptieren Sie diese, indem Sie auf ‚Weiter‘ oder ‚Ja‘ klicken.

Es erscheint das Fenster der Eingabeaufforderung. Stellen Sie sicher, dass die Titelleiste der ‚Eingabeaufforderung‘ den Text ‚Administrator: Eingabeaufforderung‘ aufweist. Wenn ‚Administrator‘ nicht aufgeführt wird, haben Sie die erforderlichen Administratorrechte nicht und müssen erneut Schritt A durchführen.

- B. Geben Sie den Befehl ‚IPCONFIG‘ ein und drücken Sie die ‚ENTER‘-Taste auf der Tastatur.



```
Administrator: Command Prompt
C:\Windows\system32>ipconfig
Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::414e:2c26:6398:a9f8%8
    IPv4 Address. . . . . : 192.168.0.100
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.0.1

Tunnel adapter Local Area Connection* 6:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

Tunnel adapter Local Area Connection* 7:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

C:\Windows\system32>
```

Es sollten die folgenden Informationen angezeigt werden:

IPv4-Adresse : 192.168.0.xxx (wobei xxx zwischen 3 - 254 liegen kann).
Subnet-Maske : 255.255.255.0

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Wenn Ihre Konfiguration mit obigen Informationen übereinstimmt, können Sie weitergehen zu **Kapitel 5**, um mit der Konfiguration des Access Point fortzufahren

Wenn Ihre Konfiguration nicht mit obigen Informationen übereinstimmt, müssen Sie zur Konfiguration des Access Point dem Rechner vorübergehend eine feste IP-Adresse zuweisen, die in demselben Bereich wie die IP-Adresse des Access Point liegen muss:

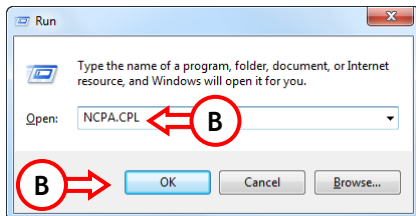
Die Beschreibung der Schritte zum Konfigurieren einer festen IP-Adresse finden Sie in **Kapitel 5.2**.

5.2 Konfiguration einer festen IP-Adresse

Wenn die IP-Adresse des Rechners nicht in demselben Bereich wie die des Access Point liegt, müssen Sie zur Konfiguration des Access Point dem Rechner vorübergehend eine feste IP-Adresse zuweisen, die in demselben Bereich wie die IP-Adresse des Access Point liegen muss.

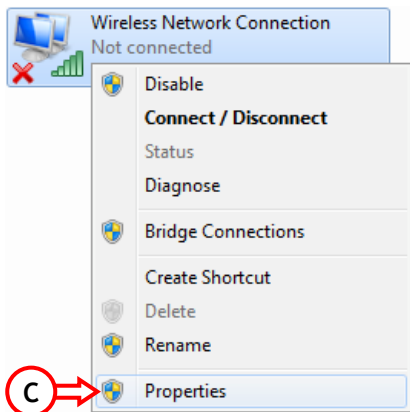
Um dem Rechner eine feste IP-Adresse zuzuweisen, befolgen Sie bitte die folgenden Schritte.

- A. Klicken Sie auf **Start**, **Alle Programme**, **Zubehör** und wählen Sie **Ausführen** aus.
- B. Geben Sie den Befehl **NCPA.CPL** ein und klicken Sie auf **OK**.



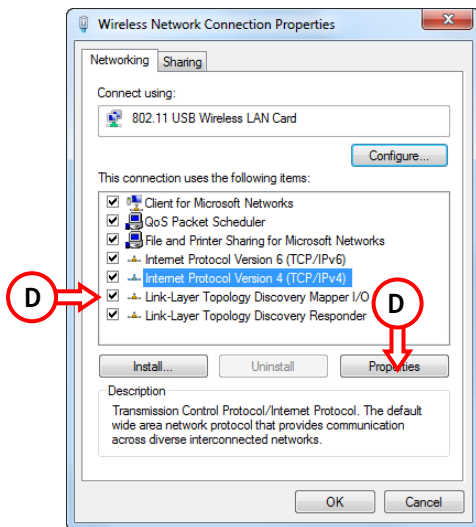
Das Fenster **Netzwerkverbindungen** wird geöffnet.

- C. Rechtsklicken Sie auf **LAN-Verbindung** oder **Drahtlose Netzwerkverbindung** (je nach verwendeter Verbindungsart) und wählen Sie **Eigenschaften**.



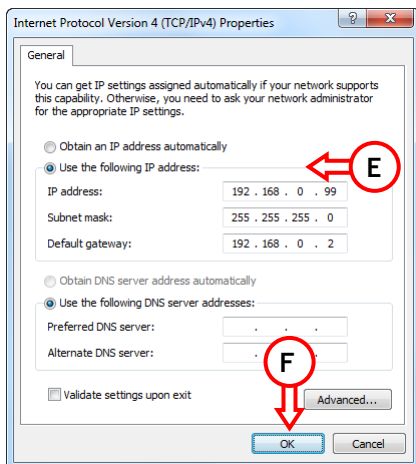
Das Eigenschaftenfenster der LAN-Verbindung bzw. Drahtlosverbindung wird angezeigt.

- D. Wählen Sie **Internet Protocol Version 4 (TCP/IPv4)** und klicken Sie auf **Eigenschaften**.



Das Eigenschaftenfenster der Internet Protocol Version 4 (TCP/IPv4) wird angezeigt.

- E. Markieren Sie die Option **Folgende IP-Adresse verwenden:** und geben Sie die folgenden Werte in die entsprechenden Felder ein:
 IP-Adresse: **192.168.0.99**
 Subnet-Maske: **255.255.255.0**
 Standardgateway: **192.168.0.2**
- F. Klicken Sie auf **OK**, um die Einstellungen zu speichern.
- G. Klicken Sie im TCP/IPv4-Eigenschaftenfenster auf **OK**, um die Einstellungen zu speichern.



6. Konfiguration des C150APM im Brücken-Modus

Dieses Kapitel beschreibt die Konfigurieren des C150APM im ‚Brücken-Modus‘.

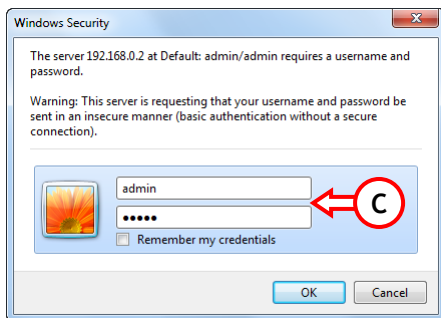
6.1 Anmelden

Für die Konfiguration des C150APM wird eine webbasierende Oberfläche verwendet. Das bedeutet, dass Sie den C150APM auf einem beliebigen Rechner konfigurieren können, der am C150APM angeschlossen ist und über einen Internetbrowser verfügt.

Führen Sie folgende Schritte aus, um sich auf dem C150APM anzumelden

- A. Starten Sie den Internetbrowser (z. B. Internet Explorer, Firefox, Safari oder Chrome).
- B. Geben Sie die IP-Adresse des Access Point in die Adresszeile des Internetbrowsers ein.
Standardadresse : <http://192.168.0.2/>

Ein Fenster wird angezeigt, in dem Sie aufgefordert werden, Benutzernamen (Username) und Passwort einzugeben.



- C. Geben Sie den Benutzernamen und das Passwort ein und klicken Sie auf ‚OK‘, um zur webbasierenden Konfiguration zu gelangen.
Voreingestellter Benutzername: **admin**
Voreingestelltes Kennwort : **admin**

Wenn Benutzername und Passwort korrekt sind, zeigt der C150APM die folgende Startseite an:

CONCEPTRONIC
Wireless Access Point

NetworkingCollection

- Home
- Basic Settings
- WPS Settings
- Advanced Settings
- Security Settings
- Radius Server
- MAC Filtering
- System Settings
- Manage Settings
- F/W Upgrade
- Restart

Status and Information

You can use this information to view the access point's up time, hardware version, firmware version, BSSID and MAC address.

System

Up time: 0day 0h:2m:57s
Hardware Version: Rev. A
Firmware Version: 1.08

Wireless Configuration

Mode: AP
ESSID: C150APM
Channel Number: 6
Security: WPA-shared key
BSSID: 00:22:f7:1f:82:b8
Connected Clients: 0

LAN Configuration

IP Address: 192.168.0.2
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.0.1
MAC Address: 00:22:f7:1f:82:b8

Auf der Startseite können Sie eine der vier Möglichkeiten der Webkonfiguration für den C150APM auswählen:

- **Home (Start)** : Zeigt die Startseite des Konfigurationsportals
- **Basic Settings (Grundeinstellungen)** : Ändern der Grundeinstellungen des Access Point
- **WPS Settings (WPS-Einstellungen)** : Ändern der WPS-Einstellungen
- **Advanced Settings (Erweiterte Einstellungen)** : Ändern der erweiterten Drahtloseinstellungen
- **Security Settings (Sicherheitseinstellungen)** : Ändern der Drahtlos-Sicherheitseinstellungen
- **Radius Server** : Optionen zur Radius-Server-Konfiguration
- **MAC Filtering (MAC-Filter)** : Aktivieren und konfigurieren von MAC-Filterregeln
- **System Settings (Systemeinstellungen)** : Ändern der Systemeinstellungen des C150APM
- **Manage Settings (Einstellungen verwalten)** : Sicherheitskopie der Einstellungen anlegen oder C150APM auf Standardeinstellungen zurücksetzen.
- **F/W Upgrade** : Aktualisieren der Firmware
- **Restart (Neustart)** : Neustart des Access Point

Hinweis: Diese Schnellinstallationsanleitung enthält nur Erläuterungen zu den erforderlichen Einstellungen für den Brücken-Modus und die Grundeinstellungen für den Access-Point-Modus. Ausführliche Erläuterungen zu den anderen Optionen finden Sie in der Bedienungsanleitung auf der mitgelieferten CD-ROM (nur auf Englisch). Klicken Sie dazu im Autorun-Menü auf **View User Manual [Benutzerhandbuch öffnen]**

6.2 Brückenverbindung herstellen

Dieses Kapitel erläutert alle Schritte zur Einstellung des C150APM für eine Brücken-Verbindung.

Hinweis: Bevor Sie mit der Konfiguration des C150APM im ‚Brücken-Modus‘ beginnen können, benötigen Sie die folgenden Angaben des bestehenden Drahtlosnetzes:

- Netzwerkname (SSID)
- Art der verwendeten Verschlüsselung
- Verschlüsselungscode / Passphrase

A. Klicken Sie im linken Menü auf ‚**Basic Settings (Grundeinstellungen)**‘.

Die ‚**Basic Settings (Grundeinstellungen)**‘ werden angezeigt.

The screenshot shows the web interface of a CONCEPTRONIC Wireless Access Point. The header is green with the brand name and 'Wireless Access Point'. Below it is a yellow bar with 'NetworkingCollection'. A left sidebar contains a menu with options: Home, Basic Settings (selected), WPS Settings, Advanced Settings, Security Settings, Radius Server, MAC Filtering, System Settings, Manage Settings, FW Upgrade, and Restart. The main content area is titled 'Basic Settings' and includes instructions: 'Use this page to select the operation mode for the access point, the ESSID and channel number for the wireless connection. This is used for wireless clients to connect to the access point.' The configuration fields are: 'Mode' set to 'Station-Infrastructure', 'Band' set to '2.4 GHz (B+G+N)', 'MAIN ESSID' set to 'C150APM', and 'Site Survey' with a 'Select Site Survey' button. At the bottom are 'Apply' and 'Cancel' buttons.

B. Ändern Sie den ‚Modus‘ auf ‚**Station-Infrastructure**‘.

C. Klicken Sie auf die Schaltfläche ‚**Select Site Survey (Standortübersicht wählen)**‘, um das bestehende Drahtlosnetz auszuwählen.

Das Popup-Fenster ‚Wireless Site Survey‘ mit den in der Umgebung bestehenden Netzen wird angezeigt.

Wireless Site Survey

This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when client mode is enabled.

Select	Channel	SSID	BSSID	Encryption	Authentication	Signal	Mode
☐	1	C300APRA2+	00:22:F7:02:44:CF	TKIP	WPAPSK	100	11b/g/n
☒	6	C150BRS4	00:22:F7:5D:31:1C	AES	WPAPSK	100	11b/g/n

Hinweis: Wenn Ihr Drahtlosnetz nicht angezeigt wird, liegt es möglicherweise außerhalb des Bereichs, ist ausgeschaltet oder ausgeblendet. Prüfen Sie, ob Ihr Drahtlosnetz eingeschaltet ist und klicken Sie auf die Schaltfläche ‚Refresh (Aktualisieren)‘, um erneut nach bestehenden Drahtlosnetzen zu suchen. Wenn Ihr Drahtlosnetz ausgeblendet ist, wird es nicht unter ‚Wireless Site Survey‘ angezeigt. Schließen Sie in dem Fall das Fenster ‚Wireless Site Survey‘ und geben Sie im Feld ‚MAIN ESSID‘ unter ‚Basic Settings‘ den exakten Namen des Netzes ein.

- D. Wählen Sie das bestehende Drahtlosnetz, mit dem eine Verbindung hergestellt werden soll und klicken Sie auf die Schaltfläche ‚Connection (Verbindung)‘.

Das Fenster ‚Wireless Site Survey‘ wird geschlossen und der gewählte Netzwerkname wird im Feld ‚MAIN ESSID‘ auf der Seite ‚Basic Settings‘ angezeigt.

- E. Klicken Sie auf die Schaltfläche ‚Apply (Übernehmen)‘, um die Einstellungen zu übernehmen.

Settings saved successfully.

Click on the "Continue" button to continue configuring other settings or click on the "Apply" button to restart the access point to make the changes take effect

Hinweis: Bei Änderung der Konfigurationseinstellungen des C150APM werden Sie jedes Mal zur Wahl zwischen zwei Optionen aufgefordert:

- **Continue (Weiter)** : Weitere Änderungen vornehmen (die Änderungen wurden noch nicht gesichert).
- **Apply (Übernehmen)** : Alle Änderungen übernehmen, indem Sie im Speicher gesichert werden, und den C150APM neu starten.

- F. Klicken Sie auf die Schaltfläche ‚Continue‘, um mit der Änderung der Einstellungen fortzufahren.

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G. Klicken Sie im linken Menü auf ‚Security Settings (Sicherheitseinstellungen)‘.

Die ‚Security Settings (Sicherheitseinstellungen)‘ werden angezeigt.

The screenshot shows the web interface of a Conceptronic Wireless Access Point. The header is green with the brand name 'CONCEPTRONIC' and 'Wireless Access Point'. Below it is a yellow bar with 'NetworkingCollection'. A left sidebar contains a menu with options: Home, Basic Settings, WPS Settings, Advanced Settings, Security Settings (highlighted), Radius Server, MAC Filtering, System Settings, Manage Settings, FW Upgrade, and Restart. The main content area is titled 'Security Settings' and includes a sub-header 'Select SSID' with a dropdown menu showing 'C150BRS4'. Below this is another 'Security Settings' section with fields for 'Encryption' (set to 'WPA pre-shared key'), 'WPA Unicast Cipher Suite' (with radio buttons for 'WPA(TKIP)' and 'WPA2(AES)'), 'Pre-shared Key Format' (set to 'Passphrase'), and 'Pre-shared Key' (a text field with masked characters). At the bottom are 'Apply' and 'Cancel' buttons.

H. Wählen Sie die Verschlüsselungsart, die für die bestehende Drahtlosnetz verwendet wird, aus der Liste ‚Encryption (Verschlüsselung)‘ aus.

Wenn das bestehende Drahtlosnetz mit WPA gesichert ist:

- Wählen Sie die Art der WPA-Sicherheit unter ‚WPA Unicast Cipher Suite‘.
- Wählen Sie die Art des Verschlüsselungscodes unter ‚Pre-shared Key Format‘.
- Geben Sie die Art des Verschlüsselungscodes unter ‚Pre-shared Key‘ ein.

Wenn das bestehende Drahtlosnetz mit WEP gesichert ist

- Wählen Sie die Länge des Verschlüsselungscodes unter ‚Key Length‘.
- Wählen Sie das entsprechende Codeformat unter ‚Key Format‘.
- Geben Sie den Verschlüsselungscode unter ‚Encryption Key‘ ein.

I. Klicken Sie auf die Schaltfläche ‚Apply (Übernehmen)‘, um die Einstellungen zu übernehmen.

Settings saved successfully.

Click on the "Continue" button to continue configuring other settings or click on the "Apply" button to restart the access point to make the changes take effect

Continue

Apply

Hinweis: Bei Änderung der Konfigurationseinstellungen des C150APM werden Sie jedes Mal zur Wahl zwischen zwei Optionen aufgefordert:

- **Continue (Weiter)** : Weitere Änderungen vornehmen (die Änderungen wurden noch nicht gesichert).
- **Apply (Übernehmen)** : Alle Änderungen übernehmen, indem Sie im Speicher gesichert werden, und den C150APM neu starten.

J. Klicken Sie auf die Schaltfläche **Apply (Übernehmen)**, um die Einstellungen zu übernehmen und den C150APM neu zu starten.

Access point is being restarted! Please wait for the restart to complete.

OK(28)

Während des Neustarts wird die **OK**-Schaltfläche grau angezeigt und enthält einen Zähler. Wenn der Neustart abgeschlossen ist, klicken Sie auf **OK**, um zur Konfigurationsseite des C150APM zurückzukehren.

Die Konfiguration des **Brücke-Modus** ist damit abgeschlossen. Sie können jetzt den C150APM vom Rechner abnehmen und an das Netzwerkgerät anschließen, für das die Brücke konfiguriert wurde.

Hinweis: Wenn dem Rechner vorübergehend eine feste IP-Adresse zugewiesen wurde, wie in **Kapitel 5.2** erklärt, muss der Rechner auf die ursprüngliche Einstellungen zurückgesetzt werden. Befolgen Sie dazu die Schritte, die in **Kapitel 5.2** beschrieben werden. Bei **Schritt E** wählen Sie die Option **IP-Adresse automatisch beziehen**.

***Ihr Conceptronic 150N Wireless Access Point
kann jetzt als Drahtlosbrücke verwendet werden!***

7. Verbindung mit dem Drahtlosnetz

Die drahtlose Verbindung mit dem C150APM kann auf zwei verschiedene Arten eingerichtet werden:

- Manuell
- Automatisch mit der WPS-Funktion

! WICHTIGER HINWEIS!

Der C150APM ist standardmäßig mit WPA-PSK/WPA2-PSK (gemischter Modus) verschlüsselt. Die für jedes Gerät spezifische WPA-Passphrase steht auf dem Produktaufkleber an der Unterseite des C150APM.

Für die verschiedenen Marken/Arten von Wireless-Karten werden unterschiedliche Client-Anwendungen verwendet. Informationen über das Erstellen einer Verbindung mit einem drahtlosen Netzwerk finden Sie im Handbuch Ihrer Wireless-Netzwerkkarte.

7.1 Manuelle Verbindung unter Windows 7

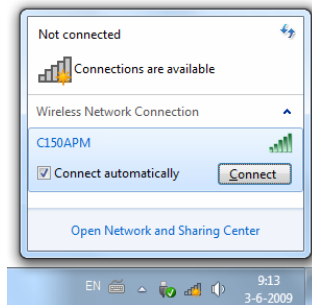
Im folgenden Beispiel wird die in Windows 7 integrierte Option „Connect to a Network [Verbindung mit einem Netzwerk]“ verwendet.

- A Klicken Sie auf das Symbol „Network [Netzwerk]“ in der Taskleiste. Daraufhin wird eine Liste der verfügbaren drahtlosen Netzwerkverbindungen angezeigt.

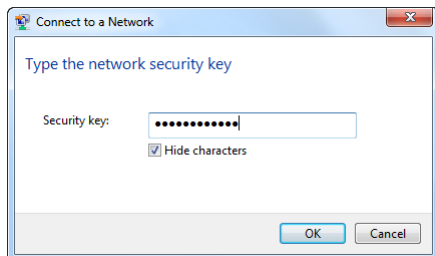


- B Wählen Sie aus dieser Liste das Netzwerk „C150APM“ und klicken Sie auf „Connect [Verbinden]“.

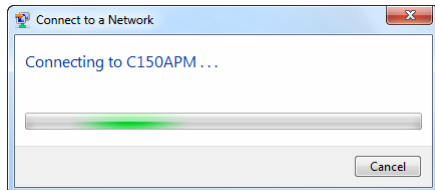
Standardmäßig wird die Option „Connect automatically [Automatisch verbinden]“ ausgewählt. Damit wird sichergestellt, dass die Verbindung jedes Mal automatisch hergestellt wird, wenn der Rechner eingeschaltet wird. Wenn Sie dies nicht möchten, können Sie diese Option deaktivieren, bevor Sie auf „Connect [Verbinden]“ klicken.



- C Geben Sie die Standard-WPA-Passphrase (auf dem Aufkleber an der Unterseite des C150APM) im Feld „Security key [Sicherheitsschlüssel]“ ein und klicken Sie auf ‚OK‘.



- D Der Client beginnt jetzt, eine Verbindung mit dem Drahtlosnetz aufzubauen.



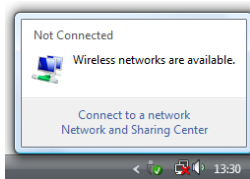
- E Um den Status der drahtlosen Verbindung zu überprüfen, können Sie auf das **Netzwerksymbol** in der Taskleiste klicken. Daraufhin wird angezeigt, mit welchem Netzwerk gegenwärtig eine Verbindung besteht, welchen Zugriff Sie haben und welche Signalstärke die Verbindung hat



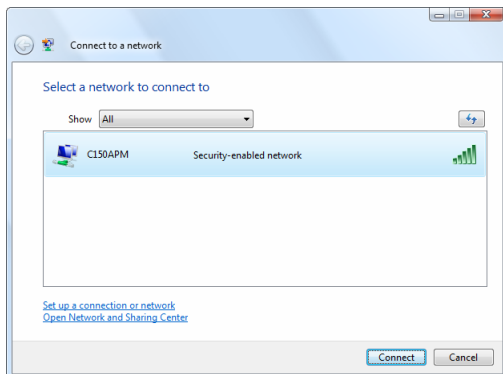
7.2 Manuelle Verbindung unter Windows Vista

Im folgenden Beispiel wird die in Windows Vista mit Service Pack 1 integrierte Option „Connect to a Network [Verbindung mit einem Netzwerk]“ verwendet.

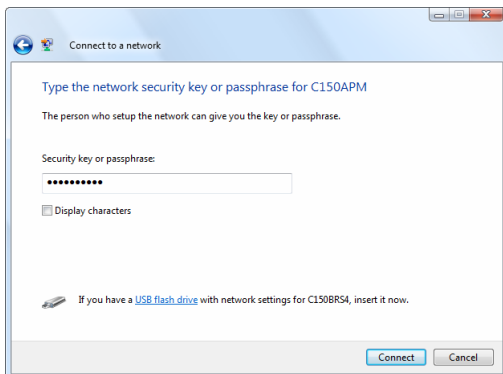
- A Klicken Sie auf das **Netzwerksymbol** in der Systemablage und dann auf „Wireless networks are available [Drahtlose Netzwerke verfügbar]“.



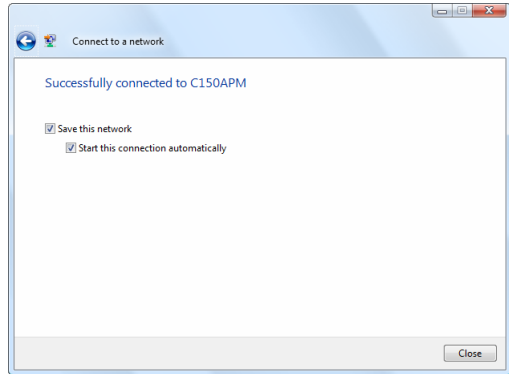
- B Wählen Sie aus dieser Liste das Netzwerk „C150APM“ und klicken Sie auf ‚Connect [Verbinden]‘.



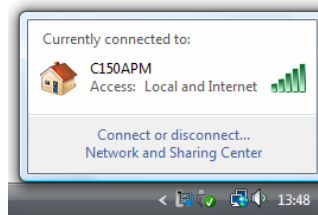
- C Geben Sie die Standard-WPA-Passphrase (auf dem Aufkleber an der Unterseite des C150APM) im Feld „Security key or passphrase [Sicherheitsschlüssel oder Passphrase]“ ein und klicken Sie auf ‚Verbinden‘.



- D Sobald die Verbindung hergestellt wurde, können Sie das Netzwerk speichern und die Option einstellen, sie jedes Mal automatisch herzustellen, wenn der Rechner gestartet wird. Klicken Sie auf **Close [Schließen]**, um den Verbindungsassistenten zu schließen.



- E Um den Status der drahtlosen Verbindung zu überprüfen, können Sie auf das **Netzwerksymbol** in der Taskleiste klicken. Daraufhin wird angezeigt, mit welchem Netzwerk gegenwärtig eine Verbindung besteht, welchen Zugriff Sie haben und welche Signalstärke die Verbindung hat



DEUTSCH

7.3 Automatische Verbindung mit WPS

Der C150BRS4 von Conceptronic unterstützt WPS (Wi-Fi geschützte Einstellung). WPS ist ein Standard für die einfache und sichere Einrichtung eines drahtlosen Netzwerks. Mit WPS können Sie mit wenigen einfachen Schritten ein drahtloses Netzwerk einrichten und schützen.

Hinweis: Um WPS mit dem C150APM verwenden zu können, benötigen Sie einen Drahtlosclient, der WPS unterstützt. Wenn Sie einen oder mehrere Wireless Clients haben, die WPS nicht unterstützen, empfehlen wir, die Verbindung mit dem C150BRS4 mithilfe des vorkonfigurierten WPA-Schlüssels, der auf der Unterseite angegeben ist, manuell herzustellen. Lesen Sie im **Kapitel 7.1** oder **7.2** nach, wie Sie die Verbindung mit dem Drahtlosnetz manuell herstellen können.

Hinweis: Technische Einzelheiten zu WPS finden Sie im Internet auf folgendem Link:
http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

Der C150APM unterstützt zwei Arten zur Aktivierung und Aufbau einer WPS-Verbindung:

- **Knopfdruck-Methode**
- **PIN-Code-Methode**

WPS - Mit Knopfdruck-Methode

Für die WPS-Knopfdruck-Methode ist eine (virtuelle) Taste an Ihrem Drahtlosclient erforderlich, um eine Verbindung zwischen dem C150APM und dem Drahtlosclient herzustellen.

Einige Drahtlosclients haben eine Taste für die Aktivierung der WPS-Knopfdruck-Methode; andere verwenden dazu eine virtuelle Taste in ihrer Software.

Führen Sie die folgenden Schritte für die Aktivierung und Einrichtung einer WPS-Verbindung mit der Knopfdruck-Methode aus:

- A.** Drücken Sie die WPS-Taste auf der Rückseite des C150APM. Daraufhin leuchtet die WLAN-/WPS-LED-Anzeige kontinuierlich, was bedeutet, dass die WPS-Authentifizierung gestartet wurde.
- B.** Drücken Sie die WPS-Taste am Drahtlosclient. Dies kann eine Hardware-Taste oder eine virtuelle Taste in der Software des Drahtlosclients sein.

Hinweis: Der C150APM behält die WPS-Authentifizierung während 120 Sekunden aktiv. Während des Prozesses leuchtet die WLAN-/WPS-LED-Anzeige kontinuierlich. Wird innerhalb von 120 Sekunden keine WPS-Verbindung hergestellt, kehrt die LED-Anzeige in ihren ursprünglichen Status zurück und die WPS-Authentifizierung wird gestoppt.

Wenn die WPS-Authentifizierung erfolgreich ist, kehrt die WLAN-/WPS-LED-Anzeige wieder in ihren ursprünglichen Status zurück.

Jetzt ist der Drahtlosclient mit dem gesicherten drahtlosen Netzwerk des C150APM verbunden. Sie können weitere Drahtlosclients hinzufügen, wobei die Verbindung der zuvor eingerichteten Drahtlosclients bestehen bleibt. Wenn Sie weitere Drahtlosclients hinzufügen möchten, wiederholen Sie die Schritte **A** und **B**.

WPS - Pin-Code-Verfahren

Wenn der Drahtlosclient WPS unterstützt, jedoch keine (virtuelle) Taste hat, können Sie mit der PIN-Code-Methode eine WPS-Verbindung herstellen.

Hinweis: Um die WPS-PIN-Code-Funktion zu aktivieren, muss der C150APM über ein Kabel mit einem Rechner verbunden sein.

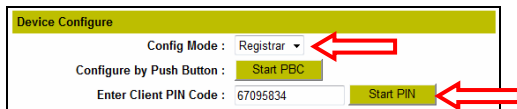
- A. Melden Sie sich gemäß den Anweisungen im Kapitel 6.1 für die Web-Konfiguration an.
- B. Wählen Sie zuerst ‚General Setup [Allgemeine Einstellungen]‘, dann ‚Wireless [Drahtlos]‘ und schließlich ‚WPS‘ aus.

Daraufhin wird die **WPS-Konfigurationsseite** angezeigt.

Auf der WPS-Konfigurationsseite können Sie die virtuelle ‚Knopfdruck‘ oder die ‚PIN-Code‘-Authentifizierung starten.

Die ‚PIN-Code‘-Authentifizierung kann auf zwei verschiedene Arten gestartet werden:

1. Der Drahtlosclient liefert den PIN-Code, der im Access Point eingegeben werden muss.
In dieser Situation ist der Drahtlosclient der ‚Enrollee‘ und der Access Point der ‚Registrar‘.
- A. Starten Sie den Drahtlosclient und suchen Sie nach dem angegebenen PIN-Code (siehe Beispiel unten):



- B. Vergewissern Sie sich, dass „Config Mode“ auf der WPS-Konfigurationsseite auf ‚Registrar‘ eingestellt ist.
- C. Geben Sie im Feld „Enter Client PIN Code [Client PIN-Code eingeben]“ den PIN-Code ein, den Sie von dem Drahtlosclient erhalten haben.
- D. Klicken Sie auf die Schaltfläche ‚Start PIN [PIN starten]‘.

Der C150APM hält die WPS-Authentifizierung für eingehende Verbindungen mit dem eingegebenen PIN-Code während 120 Sekunden aktiv.

- E. Initiieren Sie die PIN-Code-Verbindung auf dem Drahtlosclient.

Daraufhin verbindet sich der Drahtlosclient mit dem gesicherten drahtlosen Netzwerk des C150APM. Sobald die Verbindung hergestellt ist, stoppt der C150APM die Prüfung der WPS-Authentifizierung und der WPS-Status auf der WPS-Konfigurationsseite wird auf „Configured [Konfiguriert]“ gesetzt.



Wenn Sie weitere Drahtlosclients mit der WPS-Funktion hinzufügen wollen, wiederholen Sie die Schritte A bis E.

2. Der Access Point liefert den PIN-Code, der im Drahtlosclient eingegeben werden muss. In dieser Situation ist der Access Point der ‚Enrollee‘ und der Drahtlosclient der ‚Registrar‘.
 - A. Setzen Sie die Option „Config Mode“ auf der WPS-Konfigurationsseite auf ‚Enrollee‘ und notieren Sie sich den unter „PIN Code“ aufgeführten PIN-Code.
 - B. Klicken Sie auf die Schaltfläche ‚Start PIN [PIN starten]‘.

Der C150APM hält die WPS-Authentifizierung für eingehende Verbindungen mit dem eingegebenen PIN-Code während 120 Sekunden aktiv.

- C. Geben Sie den vom C150APM ausgegebenen PIN-Code in der Software Ihres Wireless Clients ein, setzen Sie die Wireless-Client-Software auf ‚Registrar‘ und starten Sie die PIN-Code-Verbindung.

Daraufhin verbindet sich der Drahtlosclient mit dem gesicherten drahtlosen Netzwerk des C150APM. Sobald die Verbindung hergestellt ist, stoppt der C150APM die Prüfung der WPS-Authentifizierung und der WPS-Status auf der WPS-Konfigurationsseite wird auf „Configured [Konfiguriert]“ gesetzt.



Wenn Sie weitere Drahtlosclients mit der WPS-Funktion hinzufügen wollen, wiederholen Sie die Schritte A bis C.

8. Erweiterte Einstellungen

Diese Schnellinstallationsanleitung erklärt lediglich die Grundschrirte, die durchgeföhrt werden müssen, um den C150APM betriebsbereit zu machen. Ausführliche Erläuterungen zu den verfügbaren Funktionen und erweiterten Einstellungen finden Sie in der Bedienungsanleitung auf der mitgelieferten CD-ROM (nur auf Englisch).

Legen Sie die CD-ROM in das Optiklaufwerk ein und wählen Sie „**View User Manual [Benutzerhandbuch öffnen]**“ im Autorun-Menü.

Hinweis: Um die komplette Bedienungsanleitung anzuzeigen, brauchen Sie den Adobe Reader. Wenn der Adobe Reader nicht auf Ihrem Rechner installiert ist, können Sie das Programm installieren, indem Sie im Autorun-Menü ‚**Install Adobe Reader**‘ wählen (nur für Windows).

***Viel Spaß mit Ihrem neuen
Conceptronic 150n Wireless Access Point!***

C150APM de Conceptronic

Guide d'installation rapide

Nous vous félicitons d'avoir acheté votre point d'accès sans fil 150N de Conceptronic

Ce guide d'installation rapide vous indiquera de manière détaillée comment installer et utiliser le C150APM de Conceptronic.

Pour plus d'informations ou pour obtenir de l'aide concernant votre produit, nous vous conseillons de visiter notre site web de **Service et support technique** sur www.conceptronic.net/support et de sélectionner l'une des options suivantes :

- **FAQ** : Foire aux Questions
- **Téléchargements** : Manuels, drivers, microprogramme et autres téléchargements
- **Contact** : Pour contacter le Service Support technique de Conceptronic

Pour plus d'informations générales concernant les produits Conceptronic, visitez le site web de Conceptronic www.conceptronic.net

Les informations contenues dans ce manuel sont basées sur Windows Vista et Windows 7, et peuvent donc être différentes de votre ordinateur si vous utilisez un système d'exploitation différent.

Remarque : Ce guide d'installation rapide n'explique que les opérations de base pour mettre en marche le C150APM et le faire fonctionner. Pour plus d'informations sur les différentes fonctions du C150APM, veuillez consulter le manuel d'utilisateur (en anglais uniquement) présent sur le CD-ROM du produit. Attendez que le menu à lancement automatique apparaisse puis choisissez « **View User Manual** » [Voir manuel d'utilisateur].

Pour pouvoir visualiser le manuel d'utilisateur, le programme Adobe Reader doit être installé sur votre ordinateur. S'il n'est pas déjà installé, vous pouvez sélectionner « **Install Adobe Reader** » depuis le menu à lancement automatique (uniquement sous Windows).

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| 2. Paramètres pré-configurés | 6.1. Connexion |
| 3. Explication du C150APM | 6.2. Créer une connexion « pont » |
| 3.1. Face avant | 7. Connexion au réseau sans fil |
| 3.2. Face arrière | 7.1. Connexion manuelle sous Windows 7 |
| 4. Détermination du mode de fonctionnement du C150APM | 7.2. Connexion manuelle sous Windows Vista |
| 4.1. Mode « point d'accès » | 7.3. Connexion automatique WPS |
| 4.2. Mode « pont » | 8. Paramètres de configuration avancée |
| 5. Configuration de l'ordinateur | |
| 5.1. Vérification de l'adresse IP | |
| 5.2. Configuration d'une adresse IP fixe | |

1. Contenu du coffret

Les éléments suivants sont fournis dans le paquet avec le point d'accès sans fil 150N de Conceptronic :

- Point d'accès sans fil C150APM - 150N de Conceptronic
- Alimentation électrique 5 V CC, 1 A
- Antenne pour la connectivité sans fil
- Câble de réseau (LAN)
- CD-ROM du produit
- Guide d'Installation rapide en plusieurs langues
- Carte de garantie et brochure de déclaration CE

2. Paramètres pré-configurés

Le C150APM est pré-configuré avec les paramètres suivants :

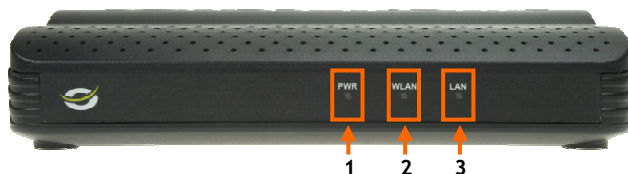
<u>Adresse IP</u>	: 192.168.0.2
Subnet Mask [Masque de sous-réseau]	: 255.255.255.0
Default Gateway [Passerelle par Défaut]	: 192.168.0.1
<u>Nom d'utilisateur</u>	: admin
<u>Mot de passe</u>	: admin

Remarque : Nous vous recommandons vivement de changer le mot de passe lors de la première configuration du C150APM. Si vous avez accédé à l'aide des instructions figurant au Chapitre 6.1, vous pouvez modifier le mot de passe dans l'option « **System Settings** » [Paramètres du système].

<u>SSID [nom du réseau sans fil]</u>	: C150APM
<u>Niveau de sécurité</u>	: Mode mixte WPA/WPA2 avec AES/TKIP
<u>Phrase génératrice</u>	: < imprimée sur l'étiquette du produit collée sous le C150APM >

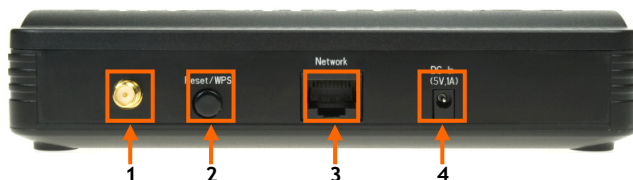
3. Explication du C150APM

3.1 Face avant



N°	Description	État	Explication de l'état
1	Voyant LED d'alimentation	Éteint Allumé	Le point d'accès est éteint Le point d'accès est allumé
2	Voyant LED WLAN/WPS	Éteint Allumé - FIXE Allumé - CLIGNOTANT	Le réseau sans fil est éteint Fonction sans fil WPS activée Activité du réseau sans fil (données en cours d'envoi ou de réception)
3	Voyant LED LAN	Éteint Allumé - FIXE Allumé - CLIGNOTANT	Port LAN déconnecté Port LAN connecté Activité du port LAN (données en cours d'envoi ou de réception)

3.2 Face arrière



N°	Description	Explication
1	Connecteur de l'antenne sans fil	Connecteur R-SMA pour le branchement de l'antenne sans fil
2	Touche de réinitialisation WPS	Pour activer la fonction WPS (pression rapide) ou réinitialiser (pression prolongée)
3	Port Réseau (LAN)	Pour connecter le point d'accès à votre réseau ou à un dispositif réseau
4	Connexion alimentation électrique	Pour brancher l'alimentation électrique sur le point d'accès

4. Détermination du mode de fonctionnement du C150APM

Avant de connecter correctement le C150APM, vous devrez définir le mode de fonctionnement de ce dernier.

Le C150APM peut être utilisé dans différents environnements informatiques et chacun exige sa propre configuration :

4.1 Mode en « point d'accès »

Si vous voulez utiliser le C150APM pour convertir votre réseau câblé existant en un réseau sans fil, vous devrez connecter (et configurer) le dispositif en mode « point d'accès ».

- Branchez le cordon électrique au connecteur d'alimentation de l'arrière du C150APM et à une prise de courant disponible. Le voyant LED de la face avant du C150APM s'allumera.
- Connectez le câble de réseau (LAN) au port LAN de la face arrière du C150APM et à votre réseau. Le voyant LED LAN s'allumera pour indiquer que le câble de réseau est correctement connecté et que la connexion est active.

Le C150APM fonctionne alors en mode « point d'accès » sur votre réseau. Consultez le **chapitre 7** pour connecter un poste client sans fil au C150APM.

Remarque : Par défaut, le réseau sans fil du C150APM est sécurisé par un cryptage WPA-PSK/WPA2-PSK (mode mixte). Cela signifie que vous n'aurez pas à sécuriser manuellement votre réseau sans fil. Consultez le manuel (uniquement en anglais) sur le CD-ROM fourni si vous préférez modifier manuellement les paramètres (de sécurité) du C150APM.

4.2 Mode « pont »

Si vous voulez utiliser le C150APM pour connecter un dispositif réseau (par exemple, une imprimante réseau, un dispositif de stockage en réseau, un lecteur multimédia ou une console de jeux) à un réseau sans fil, vous devrez connecter (et configurer) le dispositif en mode « pont ».

Remarque : Pour la configuration initiale du C150APM en mode « pont », nous vous recommandons vivement de connecter le point d'accès à votre réseau déjà existant (router, commutateur, etc.) ou directement à votre ordinateur.

- Branchez le cordon électrique au connecteur d'alimentation de l'arrière du C150APM et à une prise de courant disponible. Le voyant LED de la face avant du C150APM s'allumera.
- Connectez le câble de réseau (LAN) au port LAN de la face arrière du C150APM et à votre réseau ou ordinateur. Le voyant LED LAN s'allumera pour indiquer que le câble de réseau est correctement connecté et que la connexion est active.

Votre C150APM est alors activé, mais il fonctionne en mode « point d'accès ».

Consultez le **chapitre 5** pour configurer le C150APM à travers votre ordinateur.

Consultez le **chapitre 6** pour configurer le C150APM en mode « pont ».

5. Configuration de l'ordinateur

Le point d'accès est configuré avec une adresse IP fixe. Pour pouvoir configurer le point d'accès, votre ordinateur doit disposer d'une adresse IP dans le même rang IP que le point d'accès.

Remarque : l'adresse IP fixe de votre point d'accès est **192.168.0.2**

5.1 Vérification de l'adresse IP

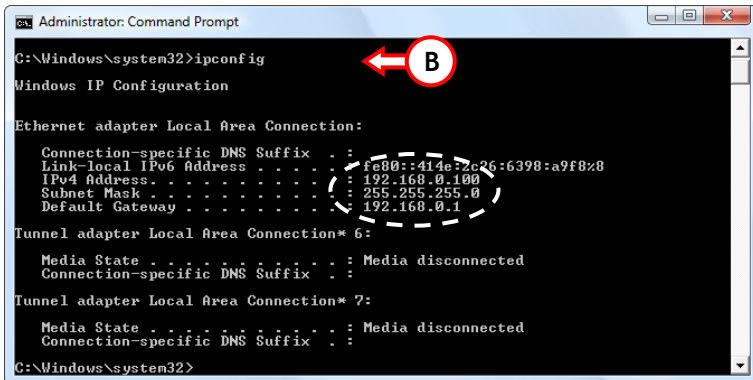
Vous pouvez vérifier si votre ordinateur dispose d'une adresse IP située dans le même rang IP que le point d'accès à l'aide de la commande « **Invite de commande** » de Windows. Cet exemple est extrait de Windows 7 et de Windows Vista avec Service Pack 1. Windows 7 et Windows Vista requièrent des droits d'administrateur pour accéder aux écrans figurant ci-dessous et dont les instructions sont les suivantes :

- A. Cliquez sur « **Démarrer** », « **Tous les programmes** », « **Accessoires** », cliquez avec la touche droite de la souris sur « **Invite de Commande** » et sélectionnez « **Exécuter en tant qu'administrateur** ».

Un avis apparaîtra peut-être à l'écran ; vous devrez l'accepter en cliquant sur « **Continuer** » ou sur « **Oui** ».

La fenêtre « **Invite de commande** » apparaîtra. Vérifiez que la barre supérieure de la fenêtre « **Invite de commande** » indique bien « **Administrateur : Invite de commande** ». Si « **Administrateur** » n'est pas indiqué, vous ne disposez pas des droits d'administrateurs nécessaires pour effectuer ces opérations, et vous devrez recommencer depuis le point A.

- B. Entrez la commande « **IPCONFIG** » et tapez sur la touche « **INTRO** » de votre clavier.



```
Administrator: Command Prompt

C:\Windows\system32>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::414e:2c26:6398:a9f8%8
    IPv4 Address. . . . . : 192.168.0.100
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.0.1

Tunnel adapter Local Area Connection* 6:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

Tunnel adapter Local Area Connection* 7:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

C:\Windows\system32>
```

L'information suivante devrait apparaître à l'écran :

IPv4 Address : **192.168.0.xxx** (xxx pouvant aller de 3 à 254).
Subnet Mask [Masque de sous-réseau] : **255.255.255.0**

Si ces données correspondent à votre configuration, vous pouvez continuer à configurer votre point d'accès au **chapitre 5**.

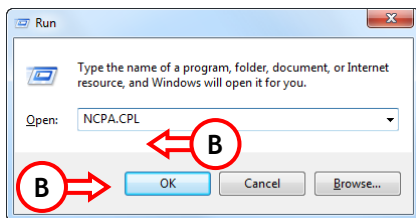
Si ces données ne correspondent pas à votre configuration, vous devrez assigner provisoirement à votre ordinateur une adresse IP fixe dans le même rang IP que le point d'accès afin de pouvoir configurer ce dernier. Vous pouvez consulter les instructions de configuration d'une adresse IP fixe au **chapitre 5.2**.

5.2 Configuration d'une adresse IP fixe

Si l'adresse IP de votre ordinateur ne se trouve pas dans le même rang IP que celle du point d'accès, vous devrez assigner provisoirement à votre ordinateur une adresse IP fixe dans le même rang IP.

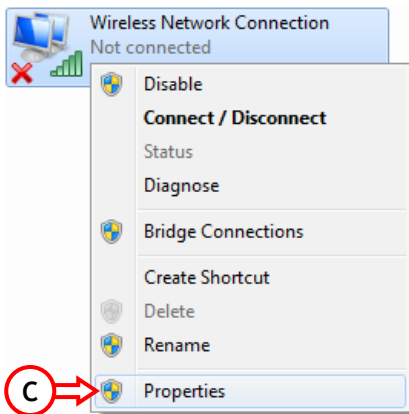
Les instructions ci-dessous vous expliquent comment affecter une adresse IP fixe à votre ordinateur.

- A. Cliquez sur « **Démarrer** », puis « **Tous les Programmes** », « **Accessoires** », et choisissez « **Exécuter** ».
- B. Entrez la commande « **NCPA.CPL** » et appuyez sur « **OK** ».



La fenêtre de « **Connexions de Réseau** » s'affiche.

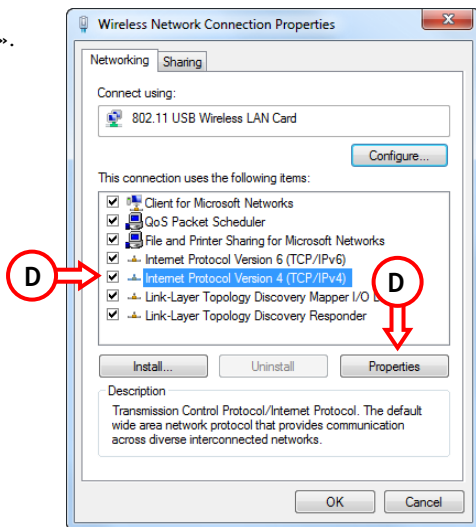
- C. Cliquez avec la touche de droite sur « **Connexion de réseau local** » ou sur « **Connexion de réseau sans fil** » (en fonction de la connexion que vous utilisez) et sélectionnez « **Propriétés** ».



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La fenêtre de propriétés de votre Connexion de Réseau Local ou la Connexion de Réseau Sans Fil s'affiche.

- D. Sélectionnez « **Protocole Internet version 4(TCP/IPv4)** » et cliquez sur « **Propriétés** ».



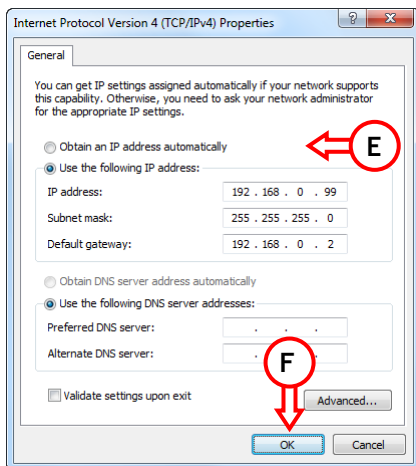
La fenêtre de propriétés du Protocole Internet Version 4 (TCP/IPv4) s'affiche.

- E. Activez l'option « **Utiliser l'adresse IP suivante** » et introduisez les valeurs suivantes dans les champs disponibles :

IP address : **192.168.0.99**
Subnet mask : **255.255.255.0**
Default gateway : **192.168.0.2**

- F. Cliquez sur « **OK** » pour garder la configuration.

- G. Cliquez sur « **OK** » dans la fenêtre de Propriétés du Protocole Internet Version 4 (TCP/IPv4) pour enregistrer les paramètres.



6. Configuration du C150APM en mode « pont »

Ce chapitre explique comment configurer le C150APM en mode « pont ».

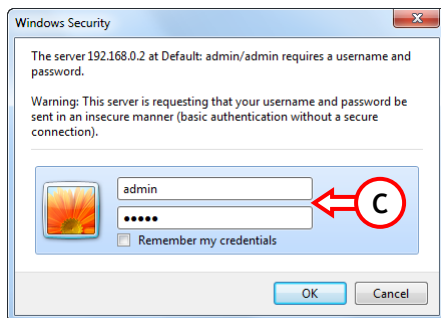
6.1 Connexion

La configuration du C150APM utilise une interface basée sur Internet. Cela signifie que vous pouvez configurer le C150APM depuis n'importe quel ordinateur disposant d'un navigateur Internet.

Pour vous connecter au C150APM, procédez comme suit :

- A. Lancez votre navigateur Internet (par exemple Internet Explorer, Firefox, Safari ou Chrome).
- B. Indiquez l'adresse IP du point d'accès dans la barre d'adresses de votre navigateur Internet. L'adresse IP par défaut est : <http://192.168.0.2/>

Une fenêtre pop-up s'affiche pour vous demander le nom d'utilisateur et le mode de passe.



- C. Introduisez le nom d'utilisateur et le mot de passe et cliquez sur « OK » pour entrer dans la configuration basée sur Internet.

Default user name [Nom d'utilisateur par défaut] : **admin**

Default password [Mot de passe par défaut] : **admin**

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Si le nom d'utilisateur et le mot de passe sont corrects, le C150APM fera apparaître la page de configuration suivante :

CONCEPTRONIC
Wireless Access Point

NetworkingCollection

- Home
- Basic Settings
- WPS Settings
- Advanced Settings
- Security Settings
- Radius Server
- MAC Filtering
- System Settings
- Manage Settings
- F/W Upgrade
- Restart

Status and Information

You can use this information to view the access point's up time, hardware version, firmware version, BSSID and MAC address.

System
Up time: 0day:0h:2m:57s
Hardware Version: Rev. A
Firmware Version: 1.08

Wireless Configuration
Mode: AP
ESSID: C150APM
Channel Number: 6
Security: WPA-shared key
BSSID: 00:22:17:1f:82:b8
Connected Clients: 0

LAN Configuration
IP Address: 192.168.0.2
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.0.1
MAC Address: 00:22:17:1f:82:b8

Depuis la page principale, vous pouvez facilement choisir l'une des options de la configuration Internet du C150APM :

- **Home [Accueil]** : Page principale de configuration.
- **Basic Settings** : Configuration de base du point d'accès.
- **WPS Settings** : Configuration WPS.
- **Advanced Settings** : Configuration avancée sans fil.
- **Security Settings** : Configuration de sécurité sans fil.
- **Radius Server** : Configuration du serveur Radius.
- **MAC Filtering** : Activation et configuration des règles de filtre MAC.
- **System Settings** : Paramètres de système du C150APM.
- **Manage Settings** : Sauvegarde de la configuration ou récupération de la configuration par défaut du C150APM.
- **F/W Upgrade** : Actualisation du microprogramme.
- **Restart** : Réinitialisation du point d'accès.

Remarque : Ce guide d'installation rapide explique uniquement les configurations nécessaires pour le mode « pont » et les configurations basiques pour le mode « point d'accès ». Toutes les autres options sont expliquées dans le manuel d'utilisateur (uniquement en anglais) inclus sur le CD-ROM fourni. Attendez que le menu à lancement automatique apparaisse et sélectionnez « **View User Manual** » [« Voir manuel d'utilisateur »].

6.2 Créer une connexion « pont »

Ce chapitre vous guide étape par étape dans les paramètres du C150APM nécessaires pour une connexion configurée en mode « pont ».

Remarque : Avant de continuer dans la configuration du mode « pont » du C150APM, vous avez besoin de l'information suivante de votre réseau sans fil existant :

- Network name (SSID) [Nom de réseau (SSID)]
- Type of used encryption [Type de cryptage utilisé]
- Encryption key / passphrase [Code de cryptage / phrase génératrice]

A. Cliquez sur « **Basic Settings** » [Configuration de base] du menu de gauche de la page web.

Les paramètres de cette configuration de base apparaîtront à l'écran.

The screenshot shows the web interface of a CONCEPTRONIC Wireless Access Point. The header is green with the brand name and 'Wireless Access Point'. Below it is a yellow bar with 'NetworkingCollection'. A left sidebar contains a menu with items like Home, Basic Settings (selected), WPS Settings, Advanced Settings, Security Settings, Radius Server, MAC Filtering, System Settings, Manage Settings, FIW Upgrade, and Restart. The main content area is titled 'Basic Settings' and includes instructions: 'Use this page to select the operation mode for the access point, the ESSID and channel number for the wireless connection. This is used for wireless clients to connect to the access point.' It features several configuration fields: 'Mode' set to 'Station-Infrastructure', 'Band' set to '2.4 GHz (B+G+N)', 'MAIN ESSID' set to 'C150APM', and a 'Site Survey' button. At the bottom are 'Apply' and 'Cancel' buttons.

B. Fixez le « Mode » sur « **Station-Infrastructure** ».

C. Cliquez sur la touche « **Select Site Survey** » [Sélection une détection de site] pour localiser votre réseau sans fil existant.

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La détection « **Wireless Site Survey** » apparaîtra dans une fenêtre pop-up, avec la liste de tous les réseaux détectés.

Wireless Site Survey

This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when client mode is enabled.

Select	Channel	SSID	BSSID	Encryption	Authentication	Signal	Mode
☐	1	C300APRA2+	00:22:F7:02:44:CF	TKIP	WPAPSK	100	11b/g/n
☒	6	C150BRS4	00:22:F7:5D:31:1C	AES	WPAPSK	100	11b/g/n

Remarque : Si votre réseau sans fil existant ne figure pas dans la liste, il peut être hors de portée, éteint ou caché.
Vérifiez si votre réseau sans fil existant est bien allumé et utilisez la touche « **Refresh** » [Rafraîchir] pour détecter à nouveau les réseaux sans fil.
Si votre réseau sans fil est caché, il n'apparaîtra pas dans la liste. Dans ce cas, refermez la fenêtre « **Select Site Survey** » [Sélection une détection de site] et saisissez le nom exact du réseau dans le champ « **MAIN ESSID** » de la page « **Basic Settings** » [Configuration de base].

- D. Sélectionnez là où vous voulez connecter votre réseau sans fil existant et cliquez sur la touche « **Connection** ».

La fenêtre pop-up **Select Site Survey** » [Sélection une détection de site] se refermera et le nom du réseau sans fil sélectionné apparaîtra dans le champ « **MAIN ESSID** » de la page « **Basic Settings** » [Configuration de base].

- E. Cliquez sur la touche « **Apply** » [Appliquer] pour garder la configuration.

Settings saved successfully.

Click on the "Continue" button to continue configuring other settings or click on the "Apply" button to restart the access point to make the changes take effect

Remarque : Chaque fois que les paramètres de configuration du C150APM sont modifiés, l'application vous demande de choisir parmi ces deux options :

- **Continue** : Continuez pour faire les modifications (les modifications ne sont pas encore enregistrées en mémoire).
- **Apply** : Appliquez toutes les modifications en les mémorisant et en redémarrant le C150APM.

- F. Cliquez sur la touche « **Continue** » pour garder les modifications.

- G. Cliquez sur « **Security Settings** » [Configuration de sécurité] du menu se trouvant à gauche de la page web.

Les paramètres de la configuration de sécurité apparaîtront à l'écran.

- H. Sélectionnez le type de cryptage utilisé par votre réseau sans fil existant dans le menu déroulant « **Encryption** » [Cryptage].

Si votre réseau sans fil existant est sécurisé avec WPA :

- Sélectionnez le type de sécurité WPA dans le champ « **WPA Unicast Cipher Suite** ».
- Sélectionnez le type de code de cryptage dans le champ « **Pre-shared Key Format** ».
- Saisissez le code de cryptage dans le champ « **Pre-shared Key** ».

Si votre réseau sans fil existant est sécurisé avec WEP :

- Sélectionnez la longueur du code de cryptage dans le champ « **Key Length** ».
- Sélectionnez le format du code correspondant dans le champ « **Key Format** ».
- Saisissez le code de cryptage dans le champ « **Encryption Key** ».

- I. Cliquez sur la touche « **Apply** » [Appliquer] pour garder la configuration.

Settings saved successfully.

Click on the "Continue" button to continue configuring other settings or click on the "Apply" button to restart the access point to make the changes take effect

Continue

Apply

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- Remarque :** Chaque fois que les paramètres de configuration du C150APM sont modifiés, l'application vous demande de choisir parmi ces deux options :
- **Continue** : Continuez pour faire les modifications (les modifications ne sont pas encore enregistrées en mémoire).
 - **Apply** : Appliquez toutes les modifications en les mémorisant et en redémarrant le C150APM.

- J. Cliquez sur la touche « **Apply** » [Appliquer] pour mémoriser les paramètres et redémarrer le C150APM.

Access point is being restarted! Please wait for the restart to complete.

OK(28)

Pendant le redémarrage, la touche « **OK** » apparaît en grisé avec un compte à rebours. Au terme du redémarrage, cliquez sur « **OK** » pour revenir au mode de configuration web du C150APM.

La configuration du mode « pont » est maintenant terminée. Vous pouvez déconnecter le C150APM de votre ordinateur et le connecter au dispositif réseau pour lequel vous avez configuré le pont.

- Remarque :** Si vous avez affecté une adresse IP provisoire à votre ordinateur au **chapitre 5.2**, vous devez reconfigurer votre ordinateur selon ses paramètres d'origine. Vous pouvez suivre les instructions du **chapitre 5.2. Au point E**, sélectionnez « **Obtenir automatiquement une adresse IP** ».

Vous pouvez dès à présent utiliser votre point d'accès sans fil 150n de Conceptronic comme un « pont » sans fil !

7. Connexion au réseau sans fil

Il existe deux manières de se connecter sans fil au C150APM :

- Manuellement.
- Automatiquement en utilisant la fonction WPS.

ATTENTION !

Le C150APM est sécurisé par défaut avec un mode de cryptage WPA-PSK/WPA2-PSK (mode mixte) .
La seule phrase génératrice WPA figure sur l'étiquette collée sous votre C150APM.

Presque tous les types / toutes les marques de cartes réseau sans fil utilisent une application client différente. Veuillez consulter le manuel de votre carte réseau sans fil pour plus d'informations concernant la création d'une connexion avec un réseau sans fil.

7.1 Connexion manuelle sous Windows 7

L'exemple suivant se réfère à la fonction intégrée de Windows 7 « **Se connecter à un Réseau** ».

- A Cliquez sur l'icône « Réseau » dans la barre des tâches pour voir la liste des connexions de réseau sans fil disponibles.



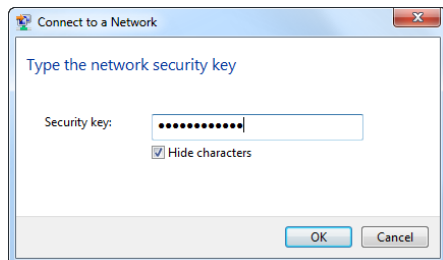
- B Sélectionnez le réseau « C150APM » dans la liste et cliquez sur « Connecter ».

Par défaut, l'option « **Connecter automatiquement** » est sélectionnée. Cette option permet de garantir que la connexion démarre automatiquement chaque fois que votre ordinateur est allumé. Si vous ne voulez pas cette option, désélectionnez-la avant de cliquer sur « Connecter ».

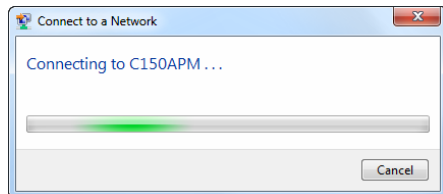


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- C Entrez la phrase génératrice WPA par défaut (indiquée sur l'étiquette collé sous le C150APM) dans le champ « **Code de sécurité** » et cliquez sur « **OK** ».



- D Le client commence alors à se connecter au réseau sans fil.



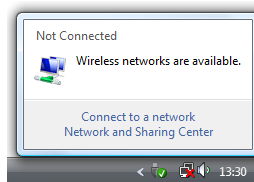
- E Pour vérifier l'état de la connexion sans fil, vous pouvez cliquer sur l'icône « **Réseau** » dans la barre des tâches. Vous pouvez y voir sur quel réseau vous êtes actuellement connecté, l'accès dont vous disposez et l'intensité du signal de la connexion.



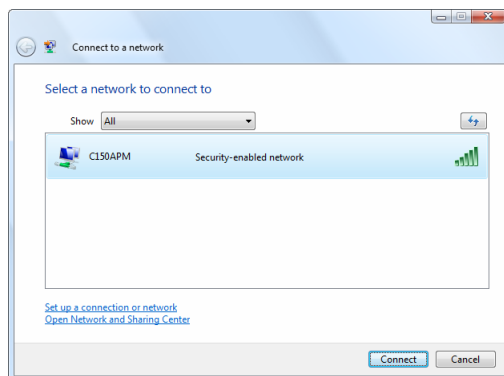
7.2 Connexion manuelle sous Windows Vista

L'exemple suivant se réfère à la fonction intégrée de Windows Vista avec Service Pack 1 « **Se connecter à un Réseau** ».

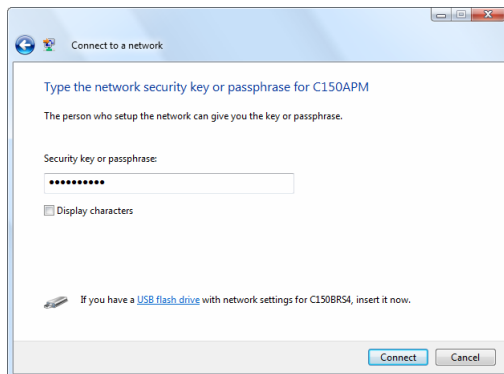
- A Cliquez sur l'icône « **Réseau** » de votre plateau système et cliquez sur « **Réseaux sans fil disponibles** ».



- B Sélectionnez le réseau « **C150APM** » dans la liste et cliquez sur « **Connecter** ».

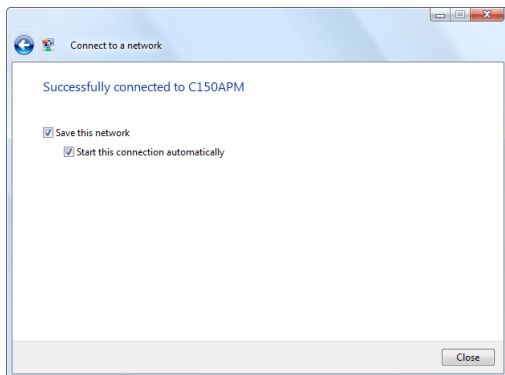


- C Entrez la phrase génératrice WPA par défaut (indiquée sur l'étiquette collé sous le C150APM) dans le champ « **Code de sécurité ou phrase génératrice** » et cliquez sur « **Connecter** ».

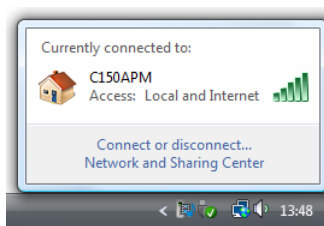


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- D Lorsque la connexion est établie, vous pouvez choisir d'enregistrer le réseau et de le faire démarrer automatiquement chaque fois que votre ordinateur est allumé. Cliquez sur « **Fermer** » pour sortir de l'assistant de connexion.



- E Pour vérifier l'état de la connexion sans fil, vous pouvez cliquer sur l'icône « **Réseau** » dans le plateau système. Vous pouvez y voir sur quel réseau vous êtes actuellement connecté, l'accès dont vous disposez et l'intensité du signal de la connexion.



7.3 Connexion automatique avec WPS

Le C150APM de Conceptronic est compatible avec le standard WPS (Configuration Wi-Fi Protégée). WPS est une norme pour paramétrer facilement et sécuriser un réseau sans fil. Avec WPS, vous pouvez paramétrer et protéger votre réseau sans fil en quelques simples clics.

Remarque : Pour utiliser WPS avec le C150APM, vous devez disposer d'un client sans fil compatible avec la norme WPS. Si vous disposez d'un ou de plusieurs clients sans fil non compatibles avec WPS, nous vous conseillons de connecter manuellement le C150APM à l'aide du code WPA pré-configuré indiqué sous le dispositif. Consultez les **chapitres 7.1** ou **7.2** pour savoir comment se connecter manuellement au réseau sans fil.

Remarque : Pour de plus amples informations (techniques) concernant WPS, veuillez consulter le site web suivant : http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

Le C150APM permet d'activer et d'établir une connexion WPS de deux manières :

- **Technologie de Bouton poussoir (*Push Button*).**
- **Technologie de Code PIN.**

WPS - Technologie de Bouton poussoir (*Push Button*)

La technologie de Bouton WPS requiert l'existence d'un bouton (réel ou virtuel) sur votre client sans fil pour établir une connexion entre le C150APM et votre client sans fil. Certains clients sans fil utilisent un bouton réel pour activer la technologie de Bouton poussoir WPS ; d'autres clients sans fil utilisent un bouton virtuel dans leur software.

Procédez comme indiqué ci-après pour activer et établir une connexion WPS avec la technologie de Bouton poussoir :

- A.** Appuyez sur le bouton WPS de la face arrière du C150APM, le voyant LED WLAN/WPS s'allume en continu pour indiquer que l'authentification WPS a commencé.
- B.** Appuyez sur le bouton WPS de votre client sans fil. Il peut s'agir soit d'un bouton réel, soit d'un bouton virtuel du software de votre client sans fil.

Remarque : Le C150APM garde l'authentification WPS active pendant 120 secondes. Pendant ce temps, le voyant LED WLAN/WPS s'allume en continu. Si aucune connexion WPS n'est établie dans les 120 secondes, le voyant LED revient à son état d'origine et l'étape d'authentification WPS s'arrête.

Si l'authentification WPS est réussie, le voyant LED WLAN/WPS revient à son état d'origine.

Le client sans fil est à présent connecté au réseau sans fil sécurisé du C150APM. Vous pouvez ajouter d'autres clients sans fils sans perdre la connexion avec les clients sans fils déjà connectés. Si vous souhaitez ajouter d'autres clients sans fil, répétez les étapes **A** et **B**.

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WPS - Technologie de Code Pin.

Si votre client sans fil est compatible avec WPS mais n'a pas de Bouton poussoir réel ou virtuel, vous pouvez utiliser la technologie de Code Pin pour établir une connexion WPS.

Remarque : Pour activer la fonction de Code Pin WPS, vous aurez besoin d'un ordinateur avec une connexion câblée vers le C150APM.

- A. Connectez-vous à l'interface web comme indiqué au **chapitre 6.1**.
- B. Sélectionnez d'abord « **General Setup** » [Configuration générale], puis « **Wireless** » [Sans fil], puis « **WPS** ».

La page de configuration WPS suivante apparaîtra :

WPS

This page allows you to change the setting for WPS (Wi-Fi Protected Setup). WPS can help your wireless client automatically connect to the Wireless Router.

☒ Enable WPS

WPS Information

WPS Status : Configured
PIN Code : 20615048
SSID : C150BRS4
Authentication Mode : WPA pre-shared key
Passphrase Key : *****

Device Configure

Config Mode : Registrar
Configure by Push Button : **Start PBC**
Enter Client PIN Code : **Start PIN**

Dans la page de configuration WPS, vous pouvez choisir soit le « **Push Button** » [Bouton poussoir] virtuel, soit l'authentification par « **PIN Code** ».

L'authentification par « **PIN Code** » peut être lancée de deux manières :

1. Le client sans fil fournit le code PIN qui sera saisi dans le point d'accès. Dans ce cas, le client sans fil sera « **l'Enrollee** » et le point d'accès sera le « **Registrar** ».
- A. Lancez le client sans fil et recherchez le code PIN fourni, comme illustré dans l'exemple ci-après :

WPS Feature

SSID	BSSID	Ch.	ID	Auth.	Encr.
C150BRS4	00:22-F7:5...	6		WEP	WPA

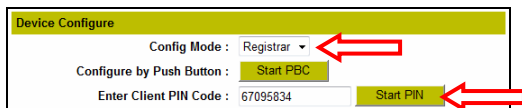
Rescan Connect Disconnect Delete

Config Mode: Enrollee

☒ WPS Associate IE

☒ WPS Probe IE WPS status is not used

PIN Code: 67095834 Renew



- B. Vérifiez que le « **Mode Config** » de la page de configuration WPS est bien réglé sur « **Registrar** ».
- C. Saisissez le code PIN indiqué par votre client sans fil dans le champ « **Enter Client PIN Code** » [Entrer Code PIN de Client].
- D. Cliquez sur la touche « **Start PIN** ».

Le C150APM conserve l'authentification WPS pour les connexions entrantes avec le code actif PIN créé pendant 120 secondes.

- E. Initiez la connexion par code PIN sur votre client sans fil.

Votre client sans fil se connecte à présent au réseau sans fil sécurisé du C150APM. Lorsque la connexion est établie, le C150APM arrête la vérification d'authentification du WPS et le statut WPS dans la page de configuration WPS est fixé sur « **Configured** » [Configuré].



Si vous voulez ajouter d'autres clients sans fil dans la fonction WPS, répétez les opérations A à E.

2. Le point d'accès vous fournit le code PIN qui est saisi dans le client sans fil. Dans ce cas, le point d'accès sera « **l'Enrollee** » et le client sans fil sera le « **Registrar** ».
- A. Fixez l'option « **Config Mode** » dans la configuration WPS sur « **Enrollee** » et saisissez le code PIN indiqué dans le champ « **PIN Code** ».
- B. Cliquez sur la touche « **Start PIN** ».

Le C150APM conserve l'authentification WPS pour les connexions entrantes avec le code actif PIN créé pendant 120 secondes.

- C. Indiquez le code PIN fourni par le C150APM dans votre logiciel client sans fil, fixez le logiciel client sans fil sur « **Registrar** » et lancez la connexion de code PIN.

Votre client sans fil se connecte à présent au réseau sans fil sécurisé du C150APM. Lorsque la connexion est établie, le C150APM arrête la vérification d'authentification du WPS et le statut WPS dans la page de configuration de WPS est fixé sur « **Configured** » [Configuré].



Si vous voulez ajouter d'autres clients sans fil avec la fonction WPS, répétez les étapes A à C.

8. Paramètres de configuration avancée

Ce guide d'installation rapide explique les opérations de configuration de base et de mise en marche du C150APM. Pour plus d'explications concernant les paramètres de configuration, veuillez consulter le manuel d'utilisateur (en anglais uniquement) présent sur le CD-ROM du Produit.

Insérez le CD-ROM du produit dans votre lecteur de CD-ROM, attendez que le menu à lancement automatique s'affiche puis sélectionnez « **View User Manual** » [Voir le manuel d'utilisateur].

Remarque : Pour pouvoir visualiser le manuel d'utilisateur, le programme Adobe Reader doit être installé sur votre ordinateur. S'il n'est pas déjà installé, vous pouvez sélectionner « **Install Adobe Reader** » depuis le menu à lancement automatique (uniquement sous Windows).

***Vous pouvez dès à présent utiliser
votre point d'accès sans fil 150N de Conceptronic !***

Conceptronic C150APM

Manuale di installazione rapida

Complimenti per aver acquistato il punto di accesso wireless 150N Conceptronic

Il presente manuale di installazione rapida è una guida passo dopo passo per l'installazione e l'uso di Conceptronic C150APM.

Per maggiori informazioni o assistenza relativamente al prodotto, consultare il sito **Web Service & Support** all'indirizzo www.conceptronic.net/support, selezionando una delle seguenti opzioni:

- **FAQ** : Archivio delle risposte alle domande più frequenti
- **Download** : Manuali, driver, firmware e altri prodotti scaricabili
- **Contact** : Contattare il servizio di assistenza Conceptronic

Per informazioni generali sui prodotti Conceptronic, visitare il sito di Conceptronic all'indirizzo www.conceptronic.net.

Le informazioni contenute in questo manuale per l'installazione rapida si riferiscono a Windows 7 e Vista, e possono variare in maniera significativa in computer in cui sia installato un sistema operativo differente.

Nota: Il presente manuale per l'installazione rapida illustra le operazioni basilari per installare e avviare il C150APM.

Per maggiori informazioni sulle varie funzioni del C150APM, consultare il manuale d'uso (solo in inglese) nel CD-ROM allegato al prodotto. Aspettare che appaia il menu di avvio automatico e selezionare 'Visualizza manuale d'uso'.

Per visualizzare il manuale dell'uso, è necessario che sul computer sia installato Adobe Reader. Qualora il programma non fosse installato sul computer, è possibile selezionare 'Installa Adobe Reader' dal menu di avvio automatico (solo per Windows).

Indice

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 - 4.2. Modalità "ponte"
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 - 5.2. Configurazione di un indirizzo IP fisso
6. Configurazione del C150APM in modalità "ponte"
 - 6.1. Registrazione
 - 6.2. Creare una connessione "ponte"
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1. Contenuto della confezione

La confezione del punto di accesso wireless 150N di Conceptronic contiene le seguenti unità:

- Conceptronic C150APM - Punto di accesso wireless 150N
- Alimentazione elettrica da 5V DC, 1A
- Antenne per connettività senza fili
- Cavo di rete (LAN)
- CD-ROM del prodotto
- Il presente manuale di installazione rapida multilingue
- Certificato di garanzia e libretto dichiarazione di conformità CE

2. Impostazioni predefinite

Il dispositivo C150APM è configurato in maniera predefinita con le seguenti impostazioni:

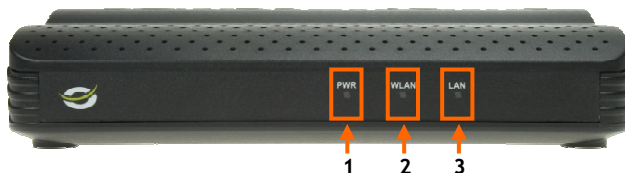
<u>Indirizzo IP</u>	: 192.168.0.2
<u>Maschera di sottorete</u>	: 255.255.255.0
<u>Gateway predefinito</u>	: 192.168.0.1
<u>Nome utente</u>	: admin
<u>Password</u>	: admin

Nota: Si consiglia di cambiare la password in occasione della prima configurazione del C150APM. Una volta registrati seguendo le indicazioni illustrate nel **capitolo 6.1**, è possibile modificare la password, selezionando l'opzione "Impostazioni del sistema".

<u>SSID (nome della rete senza fili)</u>	: C150APM
<u>Livello di sicurezza</u>	: Modalità mista WPA/WPA2 con AES/TKIP
<u>Password di sicurezza</u>	: < riportata sull'adesivo del prodotto apposto sul retro del C150APM >

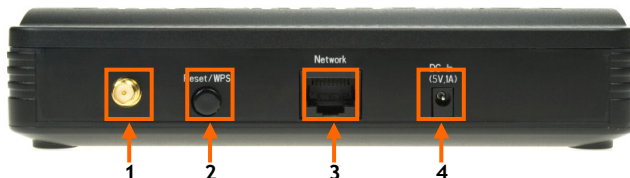
3. Descrizione del C150APM

3.1 Pannello frontale



N	Descrizione	Stato	Illustrazione dello stato
1	LED accensione	OFF ON	Il punto di accesso è spento Il punto di accesso è acceso
2	LED WLAN/WPS	OFF ON - FISSO ON - LAMPEGGIANTE	La rete senza fili non è attiva La funzione WPS senza fili è attiva Attività della rete senza fili (invio/ricezione dati)
3	LED LAN	OFF ON - FISSO ON - LAMPEGGIANTE	La porta LAN è scollegata La porta LAN è collegata Attività della porta LAN (invio/ricezione dati)

3.2 Pannello posteriore



N	Descrizione	Illustrazione
1	Connettore antenna wireless	Connettore R-SMA per il collegamento dell'antenna wireless
2	Ripristino/Pulsante WPS	Attivare la funzione WPS (premere brevemente) o eseguire un ripristino (tenere premuto)
3	Porta RETE (LAN)	Collegare il punto di accesso alla rete o a un dispositivo provvisto di rete
4	Collegamento elettrico	Collegare l'alimentazione elettrica al punto di accesso

4. Impostazione modalità d'uso del C150APM

Prima di collegare in maniera adeguata il C150APM, è necessario impostare la modalità d'uso del C150APM.

Il C150APM è adatto per essere utilizzato in diversi ambienti, che è necessario configurare appositamente:

4.1 Modalità “punto di accesso”

Se si desidera utilizzare il C150APM per convertire la propria rete via cavo esistente in una rete senza fili, è necessario collegare (e configurare) il dispositivo in modalità “punto di accesso”.

- Collegare l'alimentazione elettrica all'apposita presa posta sul retro del C150APM e a una presa a muro disponibile. Il LED di accensione sul lato frontale del C150APM si illuminerà.
- Collegare il cavo di rete (LAN) alla porta LAN posta sul retro del C150APM e alla rete. Il LED LAN si illuminerà indicando che il cavo di rete è stato collegato correttamente e che la connessione è attiva.

Il C150APM sta funzionando in modalità “punto di accesso” all'interno della rete. Consultare la **sezione 7** per collegare un client senza fili al C150APM.

Nota: La rete senza fili del C150APM è protetta in maniera predefinita dal sistema di criptaggio WPA-PSK/WPA2-PSK (modalità mista). Non è pertanto necessario proteggere in maniera manuale la rete senza fili. Si rimanda al manuale d'uso (solo in inglese) nel CD-ROM allegato al prodotto se si desidera cambiare manualmente le impostazioni di sicurezza del C150APM.

4.2 Modalità “ponte”

Se si desidera utilizzare il C150APM per collegare un dispositivo provvisto di rete (per esempio: una stampante di rete, un dispositivo di archiviazione di rete, un lettore multimediale o una console per videogiochi) a una rete senza fili, è necessario collegare (e configurare) il dispositivo in modalità “ponte”.

Nota: Per configurare la prima volta il C150APM in modalità “ponte”, si consiglia di collegare il punto di accesso alla rete esistente (router, switch, ecc.) o direttamente al computer.

- Collegare l'alimentazione elettrica all'apposita presa posta sul retro del C150APM e a una presa a muro disponibile. Il LED di accensione sul lato frontale del C150APM si illuminerà.
- Collegare il cavo di rete (LAN) alla porta LAN posta sul retro del C150APM e alla rete o al computer. Il LED LAN si illuminerà indicando che il cavo di rete è stato collegato correttamente e che la connessione è attiva.

Il C150APM è ora attivo, ma funzionante in modalità “punto di accesso”.

Si rinvia alla **sezione 5** per preparare il computer per la configurazione del C150APM.

Si rinvia alla **sezione 6** per configurare il C150APM in modalità “ponte”.

5. Configurazione del computer

Il punto di accesso è configurato con un indirizzo IP fisso. Per configurare il punto di accesso, è necessario che il computer che si desidera utilizzare disponga di un indirizzo IP nella stessa banda IP del punto di accesso.

Nota: L'indirizzo IP fisso del punto di accesso è: **192.168.0.2**

5.1 Verifica dell'indirizzo IP

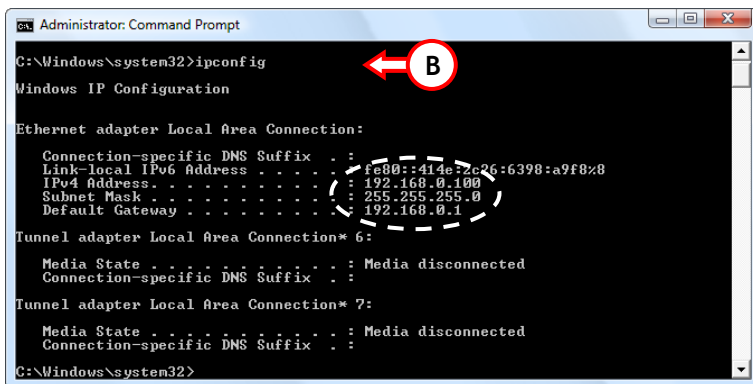
È possibile verificare se il computer dispone di un indirizzo IP della stessa banda IP del punto di accesso mediante il 'prompt dei comandi' di Windows. L'esempio sotto riportato si riferisce a Windows 7 e Vista, Service Pack 1. Per eseguire le istruzioni riportate in Windows 7 e Vista, è necessario disporre dei requisiti di amministratore, così come di seguito illustrato.

- A. Fare click su 'Avvio', 'Programmi', 'Accessori', cliccare col tasto destro su 'Prompt dei comandi' e selezionare 'Esegui come amministratore'.

Il sistema potrebbe visualizzare un messaggio di avvertimento che è necessario accettare cliccando su 'Continua' o 'Sì'.

Verrà visualizzata la finestra del prompt dei comandi. Accertarsi che la barra del titolo del 'Prompt dei comandi' rechi la scritta "Amministratore: prompt dei comandi". Se la scritta "Amministratore" non è presente significa che non si dispongono dei requisiti necessari di amministratore per andare avanti. In tal caso è necessario ripetere la procedura illustrata nel punto A.

- B. Inserire il comando 'IPCONFIG' e premere 'INVIO' sulla tastiera.



```

Administrator: Command Prompt
C:\Windows\system32>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::414e:2c26:6398:a9f8%8
    IPv4 Address. . . . . : 192.168.0.100
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.0.1

Tunnel adapter Local Area Connection* 6:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

Tunnel adapter Local Area Connection* 7:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

C:\Windows\system32>
  
```

Il sistema dovrebbe visualizzare le seguenti informazioni:

Indirizzo IPv4 : 192.168.0.xxx (dove xxx può assumere valori da 3 - 254).
 Maschera di sottorete : 255.255.255.0

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Se le informazioni sopra riportate corrispondono alla configurazione del computer è possibile proseguire installando il punto di accesso come illustrato nella **sezione 5**.

Nel caso in cui dette informazioni non corrispondessero alla configurazione del computer, è necessario assegnare temporaneamente un indirizzo IP fisso al computer con banda analoga a quella del punto di accesso per potere configurare quest'ultimo.

È possibile trovare le indicazioni su come configurare un indirizzo IP fisso nella **sezione 5.2**.

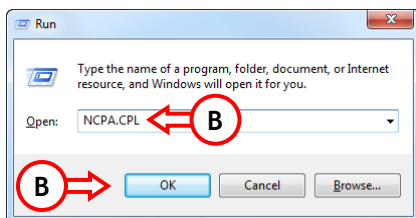
5.2 Configurazione di un indirizzo IP fisso

Qualora l'indirizzo IP sul computer non appartenga alla stessa banda dell'indirizzo del punto di accesso, è necessario assegnare temporaneamente un indirizzo IP fisso della stessa banda al computer.

Seguendo le istruzioni sotto riportate, è possibile assegnare un indirizzo IP fisso al computer.

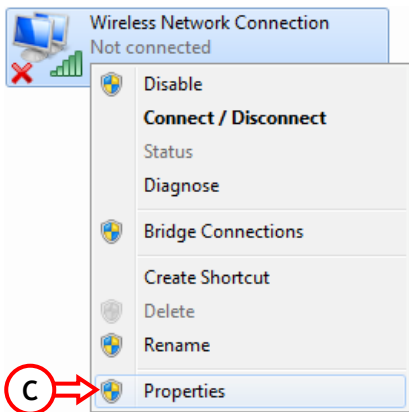
A. Cliccare su **'Avvio'**, andare su **"Programmi"**, **'Accessori'**, e selezionare **'Esegui'**.

B. Inserire il comando **'NCPA.CPL'** e cliccare su **'OK'**.



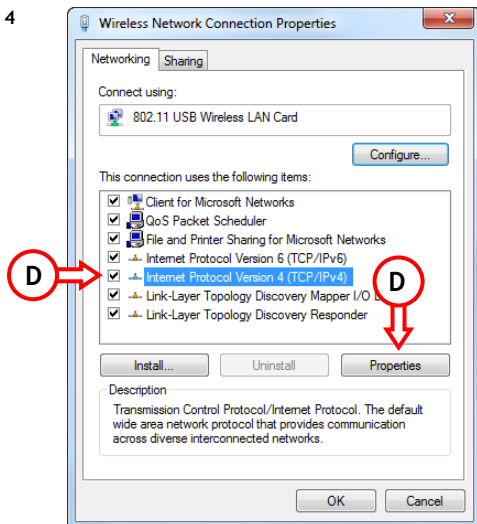
Verrà visualizzata la finestra **"Connessioni di rete"**.

C. Fare click su **'Connessione alla rete locale'** o **'Connessione rete senza fili'** (in base alla connessione utilizzata) e selezionare **'Proprietà'**.



Verrà visualizzata la finestra delle proprietà della connessione alla rete locale o della connessione alla rete senza fili.

- D. Selezionare 'Protocollo Internet Versione 4 (TCP/IPv4)' e fare click su 'Proprietà'.



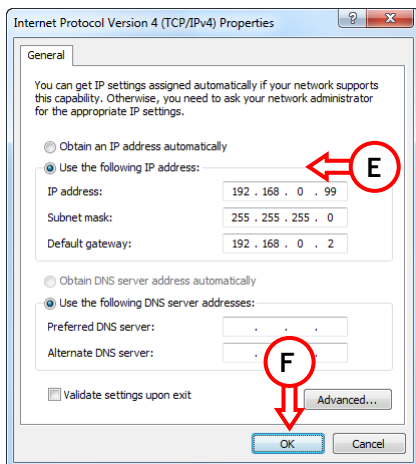
Verrà visualizzata la finestra delle proprietà del protocollo Internet, versione 4 (TCP/IPv4).

- E. Impostare le proprietà 'Utilizza il seguente indirizzo IP:' e inserire i seguenti valori nei rispettivi campi:

Indirizzo IP: 192.168.0.99
 Maschera di sottorete: 255.255.255.0
 Gateway predefinito: 192.168.0.2

- F. Fare click su 'OK' per salvare le impostazioni.

- G. Fare click su 'OK' nella finestra delle proprietà del protocollo Internet, versione 4 (TCP/IPv4), per salvare le impostazioni.



6. Configurazione del C150APM in modalità 'ponte'

Questa sezione descrive come configurare il C150APM in modalità 'ponte'.

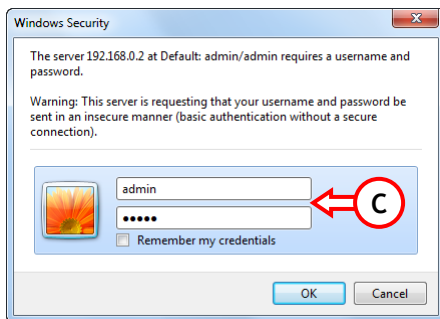
6.1 Registrazione

Per configurare il C150APM viene utilizzata un'interfaccia Web. È pertanto possibile configurare il C150APM su qualsiasi computer provvisto di un browser Web.

Per collegarsi al C150APM, è necessario seguire le seguenti istruzioni:

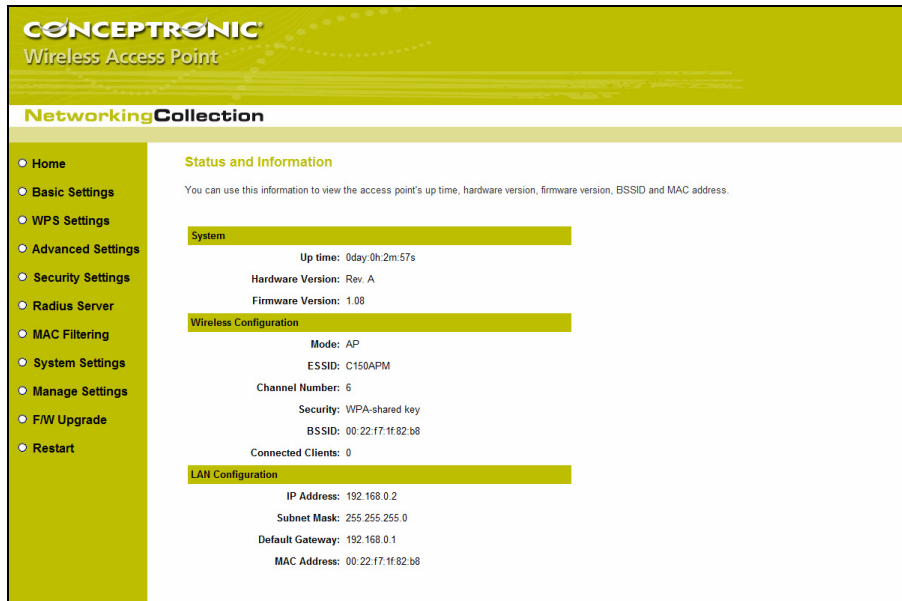
- A. Avviare il browser Web (per es.: Internet Explorer, Firefox, Safari o Chrome).
- B. Inserire l'indirizzo IP del punto di accesso nella barra degli indirizzi del browser Web.
Indirizzo predefinito : <http://192.168.0.2/>

Verrà visualizzato un pop-up in cui è necessario inserire il nome utente e la password.



- C. Inserire il nome utente e la password e cliccare su 'OK' per entrare nella configurazione Web.
Nome utente predefinito : **admin**
Password predefinita: **admin**

Se il nome utente e la password sono corretti, il C150APM visualizzerà la pagina di configurazione principale:



CONCEPTRONIC
Wireless Access Point

NetworkingCollection

- Home
- Basic Settings
- WPS Settings
- Advanced Settings
- Security Settings
- Radius Server
- MAC Filtering
- System Settings
- Manage Settings
- F/W Upgrade
- Restart

Status and Information

You can use this information to view the access point's up time, hardware version, firmware version, BSSID and MAC address.

System

Up time: 0day/0h:2m:57s
Hardware Version: Rev. A
Firmware Version: 1.08

Wireless Configuration

Mode: AP
ESSID: C150APM
Channel Number: 6
Security: WPA-shared key
BSSID: 00:22:17:1f:82:b8
Connected Clients: 0

LAN Configuration

IP Address: 192.168.0.2
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.0.1
MAC Address: 00:22:17:1f:82:b8

Dalla pagina principale è possibile selezionare una delle opzioni principali della configurazione Web del C150APM :

- | | |
|--|--|
| - Home (pagina principale) | : Visualizzare la pagina di configurazione principale |
| - Basic Settings (impostazioni di base) | : Modificare le impostazioni di base del punto di accesso |
| - WPS Settings (impostazioni WPS) | : Modificare le impostazioni WPS |
| - Advanced Settings (impostazioni avanzate) | : Modificare le impostazioni avanzate wireless |
| - Security Settings (impostazioni di sicurezza) | : Modificare le impostazioni di sicurezza wireless |
| - Radius Server (server radius) | : Opzioni di configurazione del server radius |
| - MAC Filtering (filtraggio MAC) | : Attivare e configurare le regole di filtraggio MAC |
| - System Settings (impostazioni di sistema) | : Modificare le impostazioni di sistema del C150APM |
| - Manage Settings (impostazioni di gestione) | : Eseguire il backup delle impostazioni o ripristinare le impostazioni predefinite del C150APM |
| - F/W Upgrade (aggiornamento F/W) | : Aggiornare il firmware |
| - Restart (riavvio) | : Riavviare il punto di accesso |

Nota: Il presente manuale di installazione rapida illustra unicamente le impostazioni necessarie per eseguire la modalità 'ponte' e le impostazioni iniziali per avviare la modalità "punto di accesso". Le altre opzioni sono descritte nel manuale d'uso (solo in inglese) nel CD-ROM allegato al prodotto. Aspettare che venga visualizzato il menu di avvio automatico e selezionare 'Visualizza manuale d'uso'.

6.2 Creare una connessione “ponte”

Questa sezione vi guiderà passo dopo passo attraverso le impostazioni del C150APM da configurare per ottenere una connessione “ponte”.

Note: Prima di continuare la configurazione del C150APM in modalità ‘ponte’, accertarsi di disporre di tutte le informazioni di seguito riportate circa la rete senza fili esistente:

- Nome dalla rete (SSID)
- Sistema di criptaggio utilizzato
- Chiave/password di criptaggio

A. Cliccare su ‘**Basic Settings**’ nel menu a sinistra della configurazione Web.

Le impostazioni di base (“**Basic Settings**”) saranno visualizzate a schermo.

The screenshot shows the web interface of a CONCEPTRONIC Wireless Access Point. The header is green with the brand name and 'Wireless Access Point'. Below it is a yellow bar with 'NetworkingCollection'. On the left is a green sidebar menu with options: Home, Basic Settings (selected), WPS Settings, Advanced Settings, Security Settings, Radius Server, MAC Filtering, System Settings, Manage Settings, F/W Upgrade, and Restart. The main content area is white and titled 'Basic Settings'. It contains instructions: 'Use this page to select the operation mode for the access point, the ESSID and channel number for the wireless connection. This is used for wireless clients to connect to the access point.' Below this are four fields: 'Mode' (dropdown menu set to 'Station-Infrastructure'), 'Band' (dropdown menu set to '2.4 GHz (B+G+N)'), 'MAIN ESSID' (text box containing 'C150APM'), and 'Site Survey' (button labeled 'Select Site Survey'). At the bottom are 'Apply' and 'Cancel' buttons.

- B. Cambiare la ‘**Mode**’ (‘modalità’) selezionando ‘**Station-Infrastructure**’ (‘stazione-infrastruttura’)
- C. Cliccare sul pulsante ‘**Select Site Survey**’ (‘seleziona rilevamento siti’) per ricercare la rete senza fili esistente.

Il “Wireless Site Survey” (“rilevamento siti wireless”) verrà visualizzato in un pop-up che mostra tutte le reti trovate nell’area di riferimento.

Wireless Site Survey

This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when client mode is enabled.

Select	Channel	SSID	BSSID	Encryption	Authentication	Signal	Mode
☐	1	C300APRA2+	00:22:F7:02:44:CF	TKIP	WPAPSK	100	11b/g/n
☒	6	C150BRS4	00:22:F7:5D:31:1C	AES	WPAPSK	100	11b/g/n

Nota: Nel caso in cui non fosse possibile visualizzare la propria rete senza fili, questa potrebbe trovarsi al di fuori della banda, oppure essere spenta o nascosta. Verificare che la rete esistente sia operativa e utilizzare il pulsante ‘Refresh’ (“Aggiorna”) per ricercare di nuovo le reti senza fili presenti. Se la propria rete senza fili è nascosta, non verrà visualizzata nell’elenco “Wireless Site Survey”. In tal caso, chiudere la finestra “Wireless Site Survey” e inserire il nome esatto della rete nel campo ‘MAIN ESSID’ (‘ESSID Principale’) nella pagina “Basic Settings”.

- D. Selezionare la rete senza fili esistente alla quale ci si desidera collegare e fare click sul pulsante ‘Connection’ (‘Connessione’).

La finestra di pop-up “Wireless Site Survey” verrà chiusa e il nome delle rete senza fili selezionata verrà visualizzato nel campo ‘MAIN ESSID’ nella pagina “Basic Settings”.

- E. Cliccare sul pulsante ‘Apply’ (‘Applica’) per salvare le impostazioni.

Settings saved successfully.

Click on the “Continue” button to continue configuring other settings or click on the “Apply” button to restart the access point to make the changes take effect

- Nota:** Modificando le impostazioni di configurazione del C150APM, il sistema richiederà sempre di selezionare una delle due opzioni:
- **Continue (Continua)** : Continuare ad apportare modifiche (le modifiche non sono ancora state salvate nella memoria).
 - **Apply (Applica)** : Applicare tutte le modifiche salvandole nella memoria e riavviando il C150APM.
- F. Fare click sul pulsante ‘Continue’ per continuare a modificare le impostazioni.

ITALIANO

- G. Cliccare su **'Security Settings'** ('Impostazioni di sicurezza') nel menu a sinistra della configurazione Web.

La finestra **"Security Settings"** verrà visualizzata a schermo.

The screenshot shows the 'Security Settings' page of a Conceptronic Wireless Access Point. The page has a green header with the brand name and a sidebar on the left with navigation links. The main content area is titled 'Security Settings' and includes instructions, a 'Select SSID' dropdown, and configuration options for encryption and keys.

CONCEPTRONIC
Wireless Access Point

NetworkingCollection

Security Settings

Use this page to enable or disable security on your wireless network. Define an encryption method to prevent unauthorized access to your wireless network.

Select SSID

SSID choice : C150BRS4 ▾

Security Settings

Encryption : WPA pre-shared key ▾

WPA Unicast Cipher Suite : ☐ WPA(TKIP) ☒ WPA2(AES)

Pre-shared Key Format : Passphrase ▾

Pre-shared Key :

- H. Selezionare il sistema di criptaggio utilizzato per la propria rete senza fili dal menu a tendina **'Encryption'** ('Criptaggio').

Se la rete senza fili è protetta con WPA:

- Selezionare il tipo di sicurezza WPA nella sezione **"WPA Unicast Cipher Suite"**.
- Selezionare il tipo di chiave di criptaggio nella sezione **"Pre-shared Key Format"** ('formato di chiave predefinita').
- Inserire la chiave di criptaggio nella sezione **"Pre-shared Key"** ('chiave predefinita').

Se la rete senza fili è protetta con WEP:

- Selezionare la lunghezza della chiave di criptaggio nella sezione **"Key Length"** ('lunghezza della chiave').
- Selezionare il formato della chiave corrispondente nella sezione **"Key Format"** ('formato della chiave').
- Inserire la chiave di criptaggio nella sezione **"Encryption Key"** ('chiave di criptaggio').

- I. Fare click sul pulsante **'Apply'** per salvare le impostazioni.

Settings saved successfully.

Click on the "Continue" button to continue configuring other settings or click on the "Apply" button to restart the access point to make the changes take effect

Continue

Apply

- Nota:** Modificando le impostazioni di configurazione del C150APM, il sistema chiederà sempre di selezionare una delle due opzioni:
- **Continue (Continua)** : Continuare ad apportare modifiche (le modifiche non sono ancora state salvate nella memoria).
 - **Apply (Applica)** : Applicare tutte le modifiche salvandole nella memoria e riavviando il C150APM.

J. Fare click sul pulsante 'Apply' per salvare le impostazioni nella memoria e riavviare il C150APM.

Access point is being restarted! Please wait for the restart to complete.

OK(28)

Durante il riavvio, il pulsante 'OK' diventa grigio e mostra un timer di conto alla rovescia. Una volta completato il riavvio, cliccare su 'OK' per tornare alla configurazione Web del C150APM.

La configurazione della modalità 'ponte' è stata completata. È ora possibile scollegare il C150APM dal computer e collegarlo al dispositivo di rete per il quale è stato configurato il ponte.

Nota: Se è stato assegnato un indirizzo IP fisso al computer, come indicato nella **sezione 5.2**, è necessario ripristinare le impostazioni iniziali del computer. Seguire le indicazioni della **sezione 5.2. Al punto E**, selezionare 'Ottieni un indirizzo IP in maniera automatica'.

Buon utilizzo del tuo punto di accesso wireless 150N Conceptronic in modalità ponte wireless !

7. Connessione alla rete senza fili

Ci sono due modalità per collegare senza fili il C150APM:

- Manualmente
- Automaticamente, utilizzando la funzione WPS.

! IMPORTANTE !

Il C150APM è reso sicuro in maniera predefinita dal sistema di crittaggio WPA-PSK/WPA2-PSK (modalità mista). L'unica password WPA si trova sull'etichetta del prodotto sul retro del C150APM.

Quasi tutte le schede wireless, a prescindere dal marchio e dal tipo, utilizzano un'applicazione client diversa. Si rinvia al manuale della scheda di rete senza fili per informazioni su come creare una connessione a una rete senza fili.

7.1 Connessione manuale a Windows 7

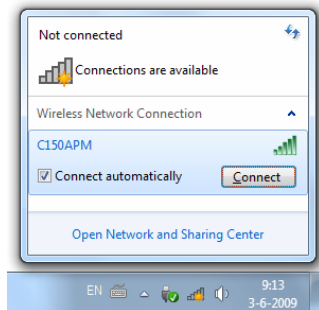
Nel seguente esempio si utilizza l'opzione integrata di Windows 7 "Connessione a una rete".

- A** Cliccare sull'icona '**Rete**' sulla barra delle applicazioni per visualizzare l'elenco delle connessioni di rete senza fili disponibili.

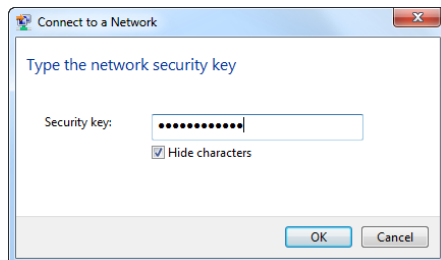


- B** Selezionare la rete "**C150APM**" dall'elenco e fare click su '**Connetti**'.

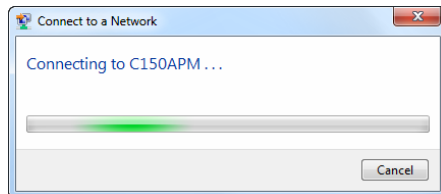
In maniera predefinita viene selezionata l'opzione "**Connetti automaticamente**". Ciò permette che la connessione sia lanciata automaticamente all'avvio del computer. Per impedire che ciò avvenga, è possibile deselezionare l'opzione, prima di fare click su '**Connetti**'.



- C Inserire la password WPA predefinita (presente nella parte inferiore del C150APM) nel campo “Chiave di sicurezza” e fare click su ‘OK’.



- D Il client inizierà a connettersi alla rete senza fili.



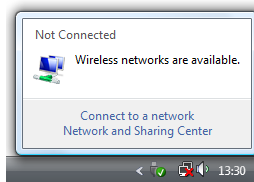
- E Per verificare lo stato della connessione senza fili, è possibile cliccare sull'icona ‘Rete’ sulla barra delle applicazioni. Sarà possibile vedere a quale rete ci si sta connettendo, il tipo di accesso di cui si dispone, e la forza del segnale della connessione.



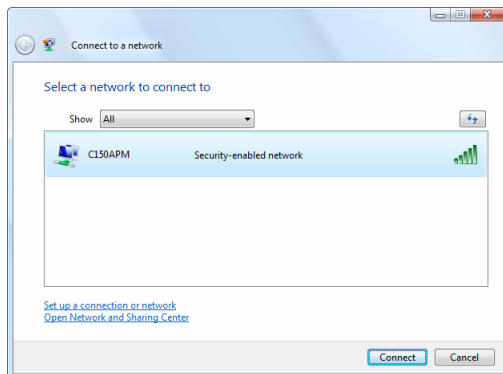
7.2 Connessione manuale a Windows Vista

Nell'esempio che segue viene utilizzata l'opzione integrata di Windows Vista con Service Pack 1 "Connessione a una rete".

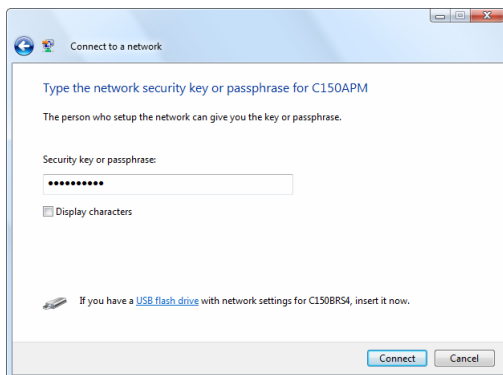
- A Cliccare sull'icona 'rete' sulla barra delle applicazioni e su "Elenco reti senza fili disponibili".



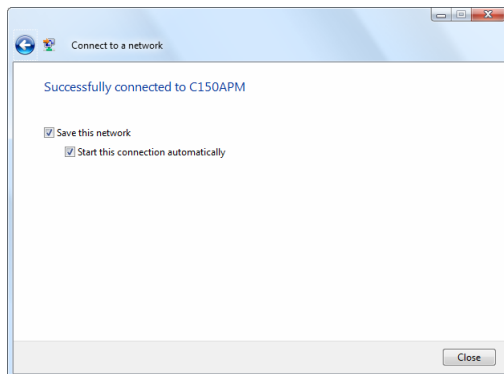
- B Selezionare la rete "C150APM" dall'elenco e cliccare su 'Connetti'.



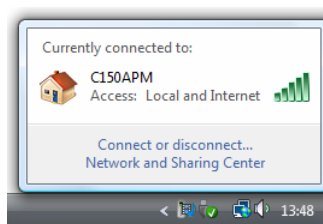
- C Inserire la password WPA predefinita (presente nella parte inferiore del C150APM) nel campo "Chiave di sicurezza" e fare click su 'OK'.



- D Una volta stabilita la connessione, è possibile salvare la rete come predefinita e consentire che si avvii automaticamente all'accensione del computer. Cliccare su 'Chiudi' per uscire dalla guida alla connessione.



- E Per verificare lo stato della connessione senza fili, è possibile cliccare sull'icona 'Rete' sulla barra delle applicazioni. Sarà possibile vedere a quale rete ci si sta connettendo, il tipo di accesso di cui si dispone, e la forza del segnale della connessione.



7.3 Connessione automatica con WPS

Il C150APM di Conceptronic supporta il sistema WPS (installazione protetta Wi-Fi). Il sistema WPS è uno standard per l'installazione facile e sicura di reti senza fili. Con il sistema WPS è possibile installare e proteggere facilmente la rete senza fili in pochi semplici passi.

Nota: Per utilizzare il sistema WPS con il C150APM, è necessario disporre di un client senza fili che supporti il WPS. Se si dispone di uno o più client senza fili sprovvisti di WPS, è consigliabile collegarsi manualmente al C150APM utilizzando la chiave WPA preconfigurata indicata nella parte inferiore del punto di accesso. Consultare la **sezione 7.1 o 7.2** per collegare manualmente la rete senza fili.

Nota: Per ulteriori informazioni (tecniche) sul WPS, visitare il sito Web:
http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

Il C150APM supporta due modalità di attivazione e installazione di una connessione WPS :

- **Tecnologia con Push Button**
- **Tecnologia con Codice PIN**

WPS - Tecnologia con Push Button

La tecnologia WPS con Push Button richiede un tasto (reale o virtuale) sul client senza fili per stabilire una connessione tra il C150APM e il client senza fili.

Alcuni client senza fili utilizzano un tasto reale per attivare la tecnologia WPS con Push Button; altri client senza fili utilizzano un tasto virtuale nel loro software.

Seguire le istruzioni sotto riportate per attivare e stabilire una connessione WPS con tecnologia Push Button :

- A.** Premendo il tasto WPS sulla parte inferiore del C150APM, si accenderà il LED WLAN/WPS in modalità fissa per indicare che l'autenticazione WPS è stata avviata.
- B.** Premere il tasto WPS sul client senza fili. Può trattarsi sia di un tasto fisico sia di un tasto virtuale nel software del client senza fili.

Nota: Il C150APM manterrà l'autenticazione WPS attiva per 120 secondi. Durante questo processo, il LED WLAN/WPS si accenderà in modalità fissa. Se la connessione WPS non viene stabilita entro 120 secondi, il LED ritornerà al suo stato originale e l'autenticazione WPS si interromperà.

Se l'autenticazione WPS è avvenuta con successo, il LED WLAN/WPS ritornerà al suo stato originale.

Il client senza fili è ora connesso alla rete senza fili sicura del C150APM.

È possibile aggiungere altri client senza fili senza perdere la connessione precedentemente creata per altri client. Per aggiungere ulteriori client senza fili, ripetere le istruzioni della sezione **A** e **B**.

WPS - Tecnologia con Codice PIN

Se il client senza fili supporta il WPS ma non ha un tasto Push reale o virtuale, è possibile utilizzare la tecnologia con codice PIN per stabilire una connessione WPS.

Nota: Per attivare la funzione del codice PIN WPS, è necessario disporre di un computer collegato tramite una connessione con fili al C150APM.

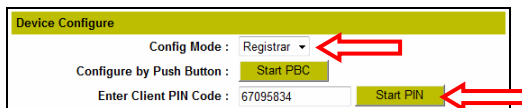
- A. Collegarsi all'interfaccia Web come illustrato nella **sezione 6.1**.
- B. Selezionare prima **'General Setup'** ('impostazioni generali'), poi **'Wireless'** ('senza fili') e infine **'WPS'**.

Verrà visualizzata la pagina di configurazione "WPS".

Dalla pagina di configurazione WPS, è possibile selezionare l'autenticazione virtuale 'Push Button' o 'PIN Code' ('codice PIN').

L'autenticazione mediante 'PIN Code' può essere effettuata in due modi diversi:

1. Il client senza fili fornisce il codice PIN da inserire nel punto di accesso.
In tal caso, il client senza fili rappresenta l' 'Enrollee' e il punto di accesso il 'Registrar'.
- A. Avviare il client senza fili e ricercare il codice PIN fornito, come illustrato nell'esempio:



- B. Accertarsi che l'opzione **"Config Mode"** ('modalità di configurazione') nella pagina di configurazione WPS sia impostata su **'Registrar'**.
- C. Inserire il codice PIN fornito dal client senza fili nel campo **"Enter Client PIN Code"** ('Inserisci Codice PIN del client').
- D. Fare click sul tasto **"Start PIN"** ('avvia Pin').

Il C150APM manterrà attiva l'autenticazione WPS per le connessioni in entrata con il codice PIN fornito per 120 secondi.

- E. Avviare la connessione mediante codice PIN sul client senza fili.

Il client senza fili si conatterà alla rete senza fili sicura del C150APM. Una volta stabilita la connessione, il C150APM interromperà la verifica di autenticazione WPS e lo stato WPS nella pagina di configurazione WPS sarà impostato su **"Configured"** ("configurato").



Se si vogliono aggiungere altri client senza fili con il sistema WPS, ripetere le istruzioni dal punto A al punto E.

2. Il punto di accesso fornisce il codice PIN da inserire nel client senza fili. In tal caso, il punto di accesso rappresenta l'Enrollee e il client senza fili il 'Registrar'.

- A. Impostare l'opzione **"Config Mode"** nella pagina di configurazione WPS su **'Enrollee'** e trascrivere il codice PIN menzionato nella casella **"Codice PIN"**.
- B. Fare click sul tasto **'Start PIN'**.

Il C150APM manterrà attiva l'autenticazione WPS per le connessioni in entrata con il codice PIN fornito per 120 secondi.

- C. Inserire il codice PIN fornito dal C150APM nel software del client senza fili, impostare il software del client senza fili su **'Registrar'** e avviare la connessione con codice PIN.

Il client senza fili si conatterà alla rete senza fili sicura del C150APM. Una volta stabilita la connessione, il C150APM interromperà la verifica di autenticazione WPS e lo stato WPS nella pagina di configurazione WPS sarà impostato su **"Configured"**.



Se si vogliono aggiungere altri client senza fili con il sistema WPS, ripetere le istruzioni dal punto A al punto C.

8. Impostazioni avanzate di configurazione

Il presente manuale di installazione rapida illustra le impostazioni basilari per installare e utilizzare il C150APM. Per impostazioni avanzate o un'illustrazione più dettagliata del prodotto, si rimanda al manuale d'uso (solo in inglese) nel CD-ROM allegato al prodotto.

Collocare il CD-ROM del prodotto nel lettore ottico, aspettare che appaia il menu di avvio automatico e selezionare '**Visualizza manuale d'uso**'.

Nota: Per visualizzare il manuale d'uso, è necessario che sul computer sia installato Adobe Reader. Qualora il programma non fosse installato sul computer, è possibile selezionare '**Installa Adobe Reader**' dal menu di avvio automatico (solo per Windows).

***Buon utilizzo del punto di accesso wireless
150N Conceptronic!***

Conceptronic C150APM
Manual de Instalação Rápida

**Parabéns pela compra do seu
Ponto de Acesso Sem Fios 150N da Conceptronic**

Este manual de instalação rápida fornece-lhe uma explicação passo a passo sobre como instalar e utilizar o Conceptronic C150APM.

Se precisar de mais informação ou suporte para o seu produto, aconselhamo-lo a visitar a nossa página Web Service & Support em www.conceptronic.net/support e a seleccionar uma das seguintes opções:

- **FAQ** : Base de dados das Perguntas Mais Frequentes
- **Downloads** : Manuais, controladores, firmware e mais transferências
- **Contact** : Contacte o suporte da Conceptronic

Para informações gerais sobre os produtos da Conceptronic visite a página Web da Conceptronic em www.conceptronic.net.

A informação contida neste manual baseia-se no Windows 7 e no Windows Vista, mas pode ser diferente do seu computador se estiver a usar um sistema operativo diferente.

Nota: Este manual de instalação rápida só explica ao passos básicos para pôr o C150APM a funcionar. Para mais informações sobre as várias funções do C150APM, consulte o manual do utilizador (só em inglês) no CD-ROM do produto incluído. Espere que o menu de execução automática apareça e seleccione 'View User Manual' (Ver Manual do Utilizador).

Para poder ver o manual do utilizador tem de ter instalado o Adobe Reader. Se não tiver este programa instalado no seu computador, pode seleccionar a opção 'Install Adobe Reader' (Instalar Adobe Reader) no menu de execução automática (apenas para Windows).

Índice

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2. Pré-configurações
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6. Configurar o C150APM no modo de ponte
 - 6.1. Início de sessão
 - 6.2. Criar uma ligação em ponte
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1. Conteúdo da embalagem

Existem os seguintes elementos na embalagem do Ponto de Acesso Sem Fios 150N da Conceptronic:

- Ponto de Acesso Sem Fios 150N da Conceptronic - C150APM
- Fonte de alimentação 5 V CC, 1 A
- Antena para conectividade sem fios
- Cabo de rede (LAN)
- CD-ROM do produto
- Este manual de instalação rápida multilíngue
- Garantia e Declaração de conformidade CE

2. Pré-configurações

O C150APM vem pré-configurado com as seguintes definições:

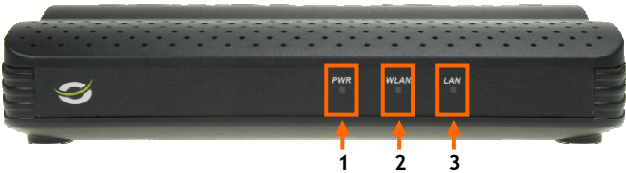
<u>Endereço IP</u>	: 192.168.0.2
<u>Máscara de sub-rede</u>	: 255.255.255.0
<u>Porta de ligação predefinida</u>	: 192.168.0.1
<u>Nome de utilizador</u>	: admin
<u>Palavra-passe</u>	: admin

Nota: Aconselha-se vivamente alterar a palavra-passe quando configurar o C150APM pela primeira vez. Depois de iniciar a sessão através dos passos descritos no capítulo 6.1, pode alterar a palavra-passe na opção “**System Settings**” (Configurações do sistema).

<u>SSID (nome da rede sem fios)</u>	: C150APM
<u>Nível de segurança</u>	: Modo misto WPA/WPA2 com AES/TKIP
<u>Frase chave de segurança</u>	: < impressa no autocolante do produto na parte inferior do C150APM >

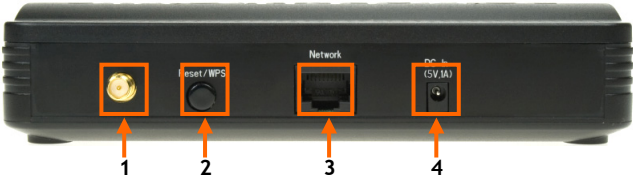
3. O C150APM

3.1 Painel frontal



Nº	Descrição	Estado	Explicação do estado
1	Luz de alimentação	DESLIGADA LIGADA	O ponto de acesso está desligado O ponto de acesso está ligado
2	Luz WLAN/WPS	DESLIGADA LIGADA - CONTÍNUA LIGADA - A PISCAR	A rede sem fios está desligada A função WPS sem fios está activada Actividade de rede sem fios (a enviar ou a receber dados)
3	Luz LAN	DESLIGADA LIGADA - CONTÍNUA LIGADA - A PISCAR	A Porta LAN não está ligada A Porta LAN está ligada Actividade de porta LAN (a enviar ou a receber dados)

3.2 Painel traseiro



Nº	Descrição	Explicação
1	Ficha para antena sem fios	Ficha R-SMA para ligação de antena sem fios
2	Botão Reset / WPS	Activa a função WPS (pressão breve) ou faz uma reinicialização (pressão longa)
3	Porta de rede (LAN)	Para ligar o ponto de acesso à sua rede ou a um equipamento de rede
4	Ficha de alimentação	Para ligar a fonte de alimentação ao ponto de acesso

4. Definição da utilização do C150APM

Antes de poder ligar devidamente o C150APM, tem de definir a forma como o vai utilizar. O C150APM pode ser usado em ambientes diferentes e cada ambiente requer a sua própria configuração especial:

4.1 Modo de ponto de acesso

Caso queira usar o C150APM para converter a sua rede com fios existente numa rede sem fios, tem de ligar (e configurar) o dispositivo como 'ponto de acesso'.

- Ligue a fonte de alimentação à ficha de alimentação na parte de trás do C150APM e a uma tomada de parede disponível. A luz de alimentação na parte da frente do C150APM acende.
- Ligue o cabo de rede (LAN) à porta LAN no painel traseiro do C150APM e à sua rede. A luz LAN acende, indicando que o cabo de rede está correctamente ligado e que a ligação está activa.

O C150APM está agora a funcionar como 'ponto de acesso' na sua rede. Avance para o **capítulo 7** para ligar um cliente sem fios ao C150APM.

Nota: Por defeito, a rede sem fios do C150APM está protegida por encriptação WPA-PSK/WPA2-PSK (modo misto). Isto significa que não precisa de proteger manualmente a rede sem fios. Consulte o manual do utilizador (apenas em inglês) no CD-ROM do produto incluído se quiser alterar manualmente as definições (de segurança) do C150APM.

4.2 Modo de ponte

Caso queira usar o C150APM para ligar a um equipamento de rede (por exemplo: uma impressora de rede, um dispositivo de armazenamento de rede, um leitor multimédia ou uma consola de jogos) a uma rede sem fios, tem de ligar (e configurar) o dispositivo como 'ponte'.

Nota: Para a configuração inicial do C150APM como 'ponte', recomendamos vivamente ligar o ponto de acesso à sua rede existente (router, switch, etc.) ou directamente ao seu computador.

- Ligue a fonte de alimentação à ficha de alimentação na parte de trás do C150APM e a uma tomada de parede disponível. A luz de alimentação na parte da frente do C150APM acende.
- Ligue o cabo de rede (LAN) à porta LAN no painel traseiro do C150APM e à sua rede ou computador. A luz LAN acende, indicando que o cabo de rede está correctamente ligado e que a ligação está activa.

O C150APM está agora activo, mas a funcionar em modo de 'ponto de acesso'. Avance para o **capítulo 5** para preparar o seu computador para configurar o C150APM. Avance para o **capítulo 6** para configurar o C150APM no modo de 'ponte'.

5. Configuração do computador

O ponto de acesso está configurado com um endereço IP fixo. Para configurar o ponto de acesso, o seu computador tem de ter um endereço IP dentro da mesma gama de IP que o ponto de acesso.

Nota: O endereço IP fixo do ponto de acesso é: 192.168.0.2

5.1 Verificar o endereço IP

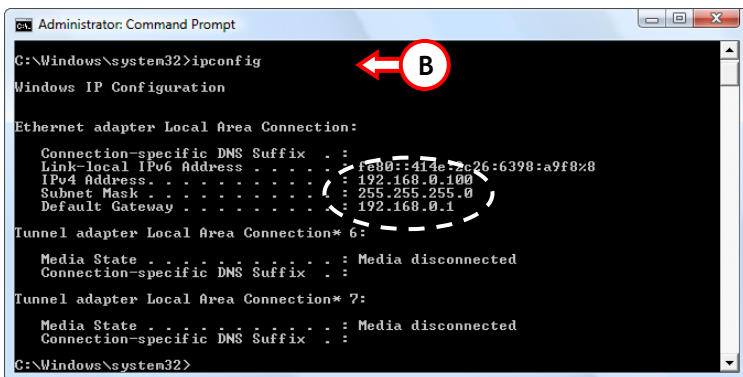
Pode verificar se o seu computador tem um endereço IP dentro da mesma gama de IP que o ponto de acesso com a ‘**Command Prompt**’ (Linha de comandos) do Windows. Este exemplo baseia-se no Windows 7 e no Windows Vista com o Service Pack 1. No Windows 7 e no Windows Vista necessita de direitos de administrador para levar a cabo os passos que se explicam a seguir.

- A. Clique em ‘**Start**’ (Iniciar), ‘**All Programs**’ (Todos os programas), ‘**Accessories**’ (Acessórios), clique com o botão direito do rato em ‘**Command Prompt**’ (Linha de comandos) e seleccione ‘**Run as administrator**’ (Correr como administrador).

É possível que apareça uma mensagem de aviso, que deve aceitar clicando em ‘**Continue**’ (Continuar) ou em ‘**Yes**’ (Sim).

A janela da Linha de Comandos aparece. Certifique-se de que no título da ‘**Command Prompt**’ (Linha de comandos) está escrito “**Administrator: Command Prompt**”. Quando não aparecer a palavra “**Administrator**” (Administrador), significa que você não tem os direitos de administrador necessários para realizar estes passos e deve voltar a realizar o **passo A**.

- B. Introduza o comando ‘**IPCONFIG**’ e prima ‘**ENTER**’ no seu teclado.



```
Administrator: Command Prompt
C:\Windows\system32>ipconfig
Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::41e2c26:6398:a9f8:x
    IPv4 Address. . . . . : 192.168.0.100
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.0.1

Tunnel adapter Local Area Connection* 6:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

Tunnel adapter Local Area Connection* 7:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

C:\Windows\system32>
```

Deverá ver a seguinte informação:

Endereço IPv4 : 192.168.0.xxx (em que xxx pode variar entre 3 - 254).
Máscara Subnet : 255.255.255.0

Se a informação mostrada antes coincidir com a sua configuração, pode prosseguir com a configuração do ponto de acesso no **capítulo 5**.

Caso a informação anterior não coincidir com a sua configuração, deve atribuir temporariamente um endereço IP fixo ao seu computador dentro da mesma gama de IP que o ponto de acesso, de modo a configurar o ponto de acesso.

Pode encontrar os passos para configurar um endereço IP fixo no **capítulo 5.2**.

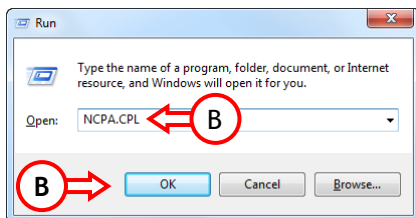
5.2 Configuração de um endereço IP fixo

Se o endereço IP do seu computador não estiver na mesma gama de IP que o ponto de acesso, deve atribuir temporariamente um endereço IP fixo ao seu computador dentro da mesma gama de IP.

Seguindo as instruções seguintes pode atribuir um endereço IP fixo ao seu computador.

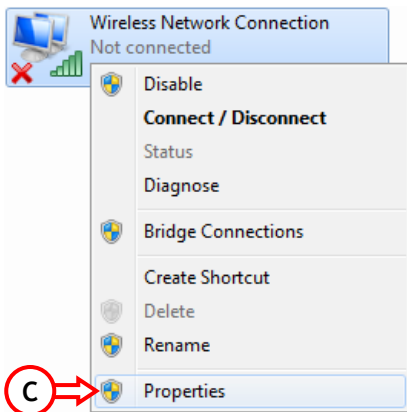
- A. Clique em **'Start'** (Iniciar), vá a **'All Programs'** (Todos os programas), **'Accessories'** (Acessórios) e seleccione **'Run'** (Executar).

- B. Introduza o comando **'NCPA.CPL'** e clique em **'OK'**.



A janela **"Network Connections"** (Ligações de Rede) aparece.

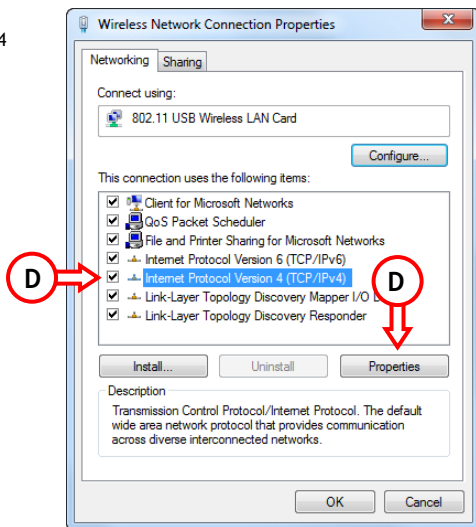
- C. Clique com o botão direito do rato em **'Local Area Connection'** (Ligação de área local) ou **'Wireless Network Connection'** (Ligação de rede sem fios) - dependendo da ligação que usar - e seleccione **'Properties'** (Propriedades).



PORTUGUÊS

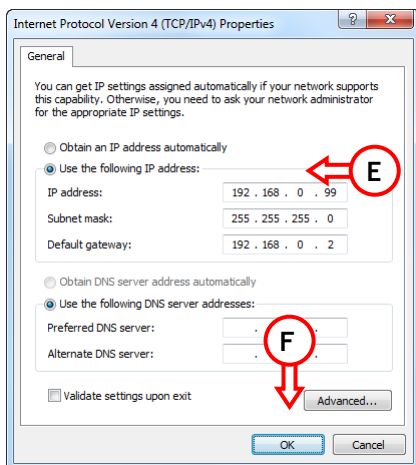
A janela das propriedades da sua Ligação de Área Local ou da Ligação de Rede em Fios aparece.

- D. Seleccione 'Internet Protocol Version 4 (TCP/IPv4)' (Protocolo de Internet versão 4 (TCP/IPv4)) e clique em 'Properties' (Propriedades).



A janela de propriedades do Protocolo de Internet Versão 4 (TCP/IPv4) aparece.

- E. Configure as propriedades para 'Use the following IP address:' (Usar o seguinte endereço IP:) e introduza os valores seguintes nos campos disponíveis:
Endereço IP: **192.168.0.99**
Máscara de sub-rede: **255.255.255.0**
Porta de ligação predefinida: **192.168.0.2**
- F. Clique em 'OK' para guardar as configurações.
- G. Clique em 'OK' na janela de propriedades do Protocolo de Internet Versão 4 (TCP/IPv4) para guardar as configurações.



6. Configurar o C150APM no modo de ponte

Este capítulo descreve como configurar o C150APM no modo de ‘ponte’.

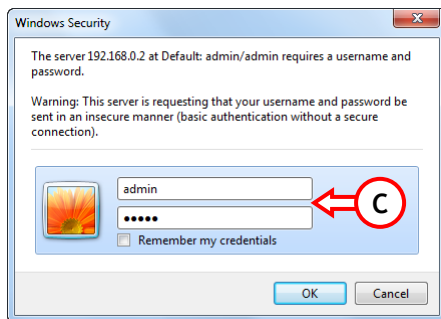
6.1 Início de sessão

Para configurar o C150APM, usa-se uma interface com base na web. Isto significa que pode configurar o C150APM em qualquer computador que tenha um navegador.

Para iniciar a sessão do C150APM, siga estes passos:

- A. Abra o seu navegador (como por exemplo: Internet Explorer, Firefox, Safari ou Chrome).
- B. Introduza o endereço IP do ponto de acesso na barra de endereços do seu navegador.
Por defeito : <http://192.168.0.2/>

Aparece uma janela de contexto a pedir o nome de utilizador e a palavra-passe.



- C. Introduza o nome de utilizador e a palavra-passe e clique em ‘OK’ para entrar na configuração com base na web.
Nome de utilizador predefinido : admin
Palavra-passe predefinida : admin

PORTUGUÊS

Depois de introduzir o nome de utilizador e a palavra-passe correctos, o C150APM mostra a página inicial de configuração:

CONCEPTRONIC
Wireless Access Point

NetworkingCollection

- Home
- Basic Settings
- WPS Settings
- Advanced Settings
- Security Settings
- Radius Server
- MAC Filtering
- System Settings
- Manage Settings
- F/W Upgrade
- Restart

Status and Information

You can use this information to view the access point's up time, hardware version, firmware version, BSSID and MAC address.

System

Up time: 0day 0h 2m 57s
Hardware Version: Rev. A
Firmware Version: 1.08

Wireless Configuration

Mode: AP
ESSID: C150APM
Channel Number: 6
Security: WPA-shared key
BSSID: 00:22:17:1f:82:b8
Connected Clients: 0

LAN Configuration

IP Address: 192.168.0.2
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.0.1
MAC Address: 00:22:17:1f:82:b8

Na página inicial pode facilmente escolher uma das opções da configuração web do C150APM:

- **Home** : Mostra a página de configuração inicial
- **Basic Settings** : Para ajustar as definições básicas do ponto de acesso
- **WPS Settings** : Para ajustar as configurações WPS
- **Advanced Settings** : Para ajustar as configurações avançadas sem fios
- **Security Settings** : Para ajustar as configurações de segurança sem fios
- **Radius Server** : Opções de configuração do servidor Radius
- **MAC Filtering** : Activar e configurar as regras de filtragem MAC
- **System Settings** : Ajustar as configurações do sistema do C150APM
- **Manage Settings** : Fazer uma cópia de segurança das suas configurações ou repor as configurações predefinidas do C150APM
- **F/W Upgrade** : Actualização do firmware
- **Restart** : Reiniciar o ponto de acesso

Nota: Este manual de instalação rápida explica apenas as configurações necessárias para o modo de 'ponte' e as configurações básicas para o modo de 'ponto de acesso'. Todas as outras opções são explicadas no manual do utilizador (apenas em inglês) do CD-ROM do produto incluído. Espere que o menu de execução automática apareça e seleccione 'View User Manual' (Ver Manual do Utilizador).

6.2 Criar uma ligação em ponte

Este capítulo vai guiá-lo passo a passo através das definições do C150APM que requerem a configuração para uma ligação em ponte.

Nota: Antes de prosseguir com a configuração do C150APM no modo de ‘ponte’, precisa da seguinte informação sobre a sua rede sem fios existente:

- Nome de rede (SSID)
- Tipo de encriptação usada
- Chave de encriptação / frase chave

A. Clique em ‘**Basic Settings**’ (Configurações básicas) no menu à esquerda da configuração web.

As “**Basic Settings**” (Configurações básicas) aparecem no seu ecrã.

The screenshot shows the web interface of a Conceptronic Wireless Access Point. The header is green with the brand name 'CONCEPTRONIC' and 'Wireless Access Point'. Below it is a yellow bar with 'NetworkingCollection'. A left sidebar contains a menu with options: Home, Basic Settings (selected), WPS Settings, Advanced Settings, Security Settings, Radius Server, MAC Filtering, System Settings, Manage Settings, FW Upgrade, and Restart. The main content area is titled 'Basic Settings' and includes instructions: 'Use this page to select the operation mode for the access point, the ESSID and channel number for the wireless connection. This is used for wireless clients to connect to the access point.' The settings shown are: Mode (Station-Infrastructure), Band (2.4 GHz (B+G+N)), MAIN ESSID (C150APM), and Site Survey (a button labeled 'Select Site Survey'). At the bottom are 'Apply' and 'Cancel' buttons.

B. Altere o ‘Mode’ (Modo) para ‘Station-Infrastructure’ (Estação - Infra-estrutura).

C. Clique no botão ‘Select Site Survey’ (Seleccionar pesquisa de site) para procurar a sua rede sem fios.

PORTUGUÊS

A “Wireless Site Survey” (Pesquisa de redes sem fios) aparece numa janela de contexto, mostrando todas as redes encontradas na sua área.

Wireless Site Survey

This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when client mode is enabled.

Select	Channel	SSID	BSSID	Encryption	Authentication	Signal	Mode
☐	1	C300APRA2+	00:22:F7:02:44:CF	TKIP	WPAPSK	100	11b/g/n
☒	6	C150BRS4	00:22:F7:5D:31:1C	AES	WPAPSK	100	11b/g/n

RefreshConnection

Nota: Se a sua rede sem fios não aparecer, pode estar fora do alcance, desligada ou escondida. Verifique se a sua rede sem fios está a funcionar e use o botão ‘Refresh’ (Atualizar) para voltar a procurar redes sem fios. Se a sua rede sem fios estiver escondida, não vai aparecer na janela “Wireless Site Survey” (Pesquisa de redes sem fios). Nesse caso, feche a janela “Wireless Site Survey” (Pesquisa de redes sem fios) e introduza o nome de rede exacto no campo ‘MAIN ESSID’ da página “Basic Settings” (Configurações básicas).

D. Selecciona a rede sem fios existente a que se quer ligar e prima o botão ‘Connection’ (Ligação).

A janela “Wireless Site Survey” (Pesquisa de redes sem fios) fecha-se e o nome da rede sem fios seleccionada aparece no campo ‘MAIN ESSID’ da página “Basic Settings” (Configurações básicas).

E. Clique no botão ‘Apply’ (Aplicar) para aplicar as configurações.

Settings saved successfully.

Click on the "Continue" button to continue configuring other settings or click on the "Apply" button to restart the access point to make the changes take effect

ContinueApply

Nota: Quando alterar as definições da configuração do C150APM, vai-lhe ser sempre pedido para escolher entre duas opções:

- **Continue** : Continuar a fazer alterações (as alterações ainda não foram gravadas na memória).
- **Apply** : Aplicar todas as alterações gravando-as na memória e reiniciar o C150APM.

F. Clique no botão ‘Continue’ (Continuar) para prosseguir com a alteração das configurações.

- G. Clique em ‘Security Settings’ (Configurações de segurança) no menu à esquerda da configuração web.

As “Security Settings” (Configurações de segurança) aparecem no seu ecrã.

The screenshot shows the web interface of a Conceptronic Wireless Access Point. The header is green with the brand name and 'Wireless Access Point'. Below it is a yellow bar with 'NetworkingCollection'. A left sidebar contains a menu with options: Home, Basic Settings, WPS Settings, Advanced Settings, Security Settings (highlighted), Radius Server, MAC Filtering, System Settings, Manage Settings, F/W Upgrade, and Restart. The main content area is titled 'Security Settings' and includes a sub-header 'Use this page to enable or disable security on your wireless network. Define an encryption method to prevent unauthorized access to your wireless network.' The form contains a 'Select SSID' dropdown with 'C150BRS4' selected, a 'Security Settings' section with 'Encryption' set to 'WPA pre-shared key', 'WPA Unicast Cipher Suite' set to 'WPA2(AES)', 'Pre-shared Key Format' set to 'Passphrase', and a 'Pre-shared Key' field with masked characters. At the bottom are 'Apply' and 'Cancel' buttons.

- H. Selecione o tipo de encriptação usado para a sua rede sem fios existente no menu desdobrável ‘Encryption’ (Encriptação).

Se a sua rede sem fios estiver protegida por WPA:

- Selecione o tipo de segurança WPA na secção “WPA Unicast Cipher Suite”.
- Selecione o tipo de chave de encriptação na secção “Pre-shared Key Format” (Formato de chave pré-partilhada).
- Introduza a chave de encriptação na secção “Pre-shared Key” (Chave pré-partilhada).

Se a sua rede sem fios estiver protegida por WEP:

- Selecione o comprimento da chave de encriptação na secção “Key Length” (Comprimento de chave).
- Selecione o formato da chave de encriptação correspondente na secção “Key Length” (Formato de chave).
- Introduza a chave de encriptação na secção “Encryption Key” (Chave de encriptação).

- I. Clique no botão ‘Apply’ (Aplicar) para aplicar as configurações.

PORTUGUÊS

Settings saved successfully.

Click on the "Continue" button to continue configuring other settings or click on the "Apply" button to restart the access point to make the changes take effect

Continue

Apply

Nota: Quando alterar as definições da configuração do C150APM, vai-lhe ser sempre pedido para escolher entre duas opções:

- **Continue** : Continuar a fazer alterações (as alterações ainda não foram gravadas na memória).
- **Apply** : Aplicar todas as alterações gravando-as na memória e reiniciar o C150APM.

J. Clique no botão 'Apply' (Aplicar) para guardar as configurações na memória e reiniciar o C150APM.

Access point is being restarted! Please wait for the restart to complete.

OK(20s)

Durante o reinício, o botão 'OK' fica cinzento e mostra uma contagem decrescente. Depois de reiniciar, clique em 'OK' para regressar à configuração web do C150APM.

A configuração do modo 'bridge' (ponte) está agora concluída. Já pode desligar o C150APM do seu computador e ligá-lo ao dispositivo de rede para o qual configurou a rede.

Nota: Caso tenha atribuído um endereço IP fixo temporário ao seu computador no capítulo 5.2, tem de voltar a repor as configurações originais do seu computador. Pode seguir os passos do capítulo 5.2. No passo E, seleccione 'Obtain an IP address automatically' (Obter um endereço IP automaticamente).

***O seu Ponto de Acesso Sem Fios 150N da Conceptronic
já está pronto a usar como ponte sem fios!***

7. Ligação à rede sem fios

Existem duas formas diferentes de se ligar sem fios ao C150APM:

- Manualmente.
- Automaticamente através da função WPS.

NOTA IMPORTANTE!

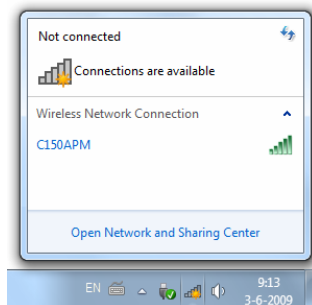
Por defeito, o C150APM está protegido com encriptação WPA-PSK/WPA2-PSK (modo misto). Pode encontrar a frase chave WPA única no autocolante do produto que se encontra na parte inferior do seu C150APM.

Quase todas as marcas / tipos de placas sem fios usam uma aplicação de cliente diferente. Consulte o manual da sua placa de rede sem fios para obter informações sobre como criar uma ligação com uma rede sem fios.

7.1 Ligar manualmente no Windows 7

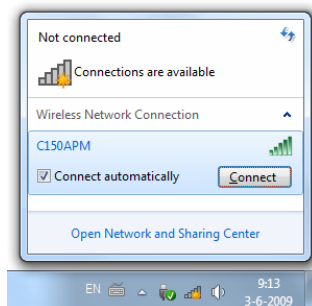
No exemplo seguinte, usa-se a opção integrada “Connect to a Network” (Ligar a uma rede) do Windows 7.

- A Clique no ícone ‘Network’ (Rede) na barra de tarefas para ver a lista de ligações de rede sem fios disponíveis.



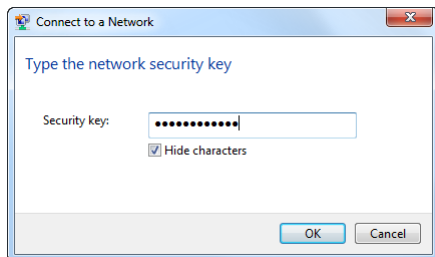
- B Seleccione a rede “C150APM” na lista e clique em ‘Connect’ (Ligar).

Por defeito, a opção “Connect automatically” (Ligar automaticamente) já está seleccionada. Isto assegura que a ligação é estabelecida automaticamente sempre que ligar o seu computador. Se não quiser que isso aconteça, pode desseleccionar esta opção antes de clicar em ‘Connect’ (Ligar).

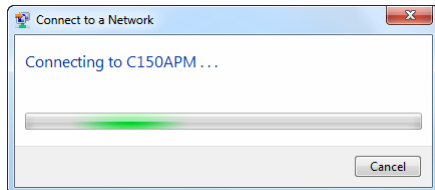


PORTUGUÊS

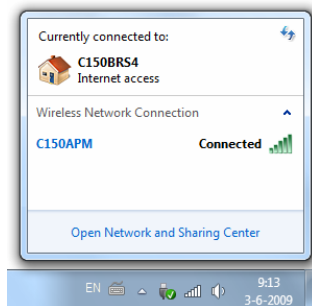
- C Introduza a frase chave WPA predefinida (que pode encontrar na base do C150APM) no campo “Security key” (Chave de segurança) e clique em “Ok”.



- D O cliente vai agora iniciar a ligação à rede sem fios.



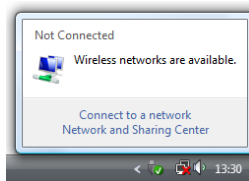
- E Para verificar o estado da ligação sem fios, pode clicar no ícone ‘Network’ (Rede) na bandeja de sistema. Aí vai ver a que rede está ligado nesse momento, o acesso que tem e a força do sinal da ligação.



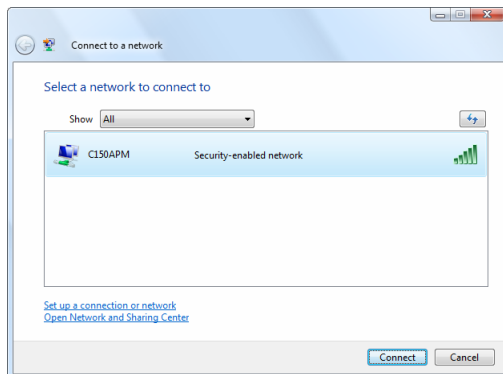
7.2 Ligar manualmente no Windows Vista

No exemplo seguinte, usa-se a opção integrada “Connect to a Network” (Ligar a uma rede) do Windows Vista com o Service Pack 1.

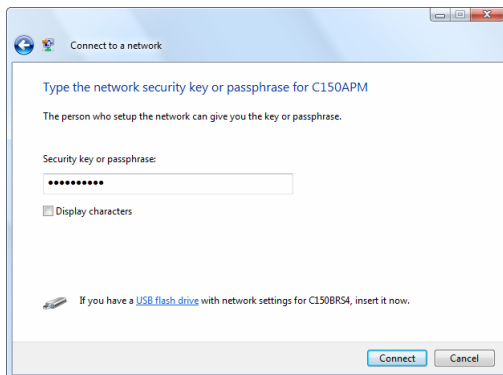
- A Clique no ícone ‘Network’ (Rede) na bandeja de sistema e clique em “Wireless networks are available” (Estão disponíveis redes sem fios).



- B Seleccione a rede “C150APM” na lista e clique em ‘Connect’ (Ligar).

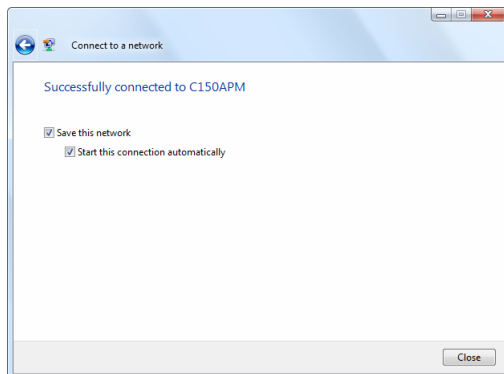


- C Introduza a frase chave WPA predefinida (que pode encontrar na base do C150APM) no campo “Security key or passphrase” (Chave de segurança ou frase chave) e clique em “Connect” (Ligar).

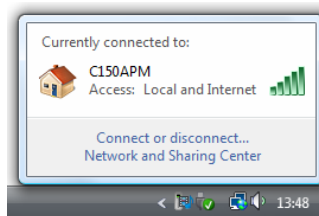


PORTUGUÊS

- D Depois de a ligação ser estabelecida, pode escolher guardar a rede e iniciá-la automaticamente sempre que ligar o computador. Clique em 'Close' (Fechar) para sair do assistente de ligação.



- E Para verificar o estado da ligação sem fios, pode clicar no ícone 'Network' (Rede) na bandeja de sistema. Aí vai ver a que rede está ligado nesse momento, o acesso que tem e a força do sinal da ligação.



7.3 Ligar automaticamente com WPS

O C150APM da Conceptronic suporta a especificação WPS (Wi-Fi Protected Setup). O WPS é um standard para montar uma rede sem fios de forma fácil e segura. Com o WPS pode configurar e proteger a sua rede sem fios em apenas alguns passos.

Nota: Para usar o WPS com o C150APM tem de ter um cliente sem fios que suporte WPS. Se tiver um ou mais clientes sem fios que não suportem WPS, é aconselhável ligar manualmente o C150APM usando a chave WPA pré-configurada tal como se vê na base. Consulte os **capítulos 7.1** ou **7.2** sobre como ligar à rede sem fios de forma manual.

Nota: Para mais informação (técnica) acerca do WPS, visite a seguinte página web:
http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

O C150APM suporta duas formas de activar e estabelecer uma ligação WPS:

- **Tecnologia por Botão**
- **Tecnologia por Código PIN**

WPS - Tecnologia por Botão

A tecnologia WPS por Botão requer um botão (real ou virtual) no seu cliente sem fios para estabelecer uma ligação entre o C150APM e o cliente sem fios. Alguns clientes sem fios usam um botão real para activar a tecnologia WPS por Botão; outros clientes sem fios usam um botão virtual no respectivo software.

Siga os passos seguintes para activar e estabelecer uma ligação WPS com a tecnologia por Botão:

- A.** Prima o botão WPS na parte detrás do C150APM, e a luz WLAN/WPS acende indicando que a autenticação WPS começou.
- B.** Carregue no botão WPS no cliente sem fios. Este botão pode ser real no hardware ou pode ser um botão virtual no software do cliente sem fios.

Nota: O C150APM vai manter a autenticação WPS activa durante 120 segundos. Durante este processo, a luz WLAN/WPS fica acesa. Se não se estabelecer uma ligação WPS dentro de 120 segundos, a luz volta ao seu estado original e a autenticação WPS é interrompida.

Se a autenticação WPS for bem sucedida, a luz WLAN/WPS regressa ao seu estado original.

O cliente sem fios está agora ligado à rede sem fios protegida do C150APM. Pode adicionar mais clientes sem fios sem perder a ligação aos clientes sem fios ligados anteriormente. Se quiser adicionar mais clientes sem fios, tem de repetir os passos **A** e **B**.

PORTUGUÊS

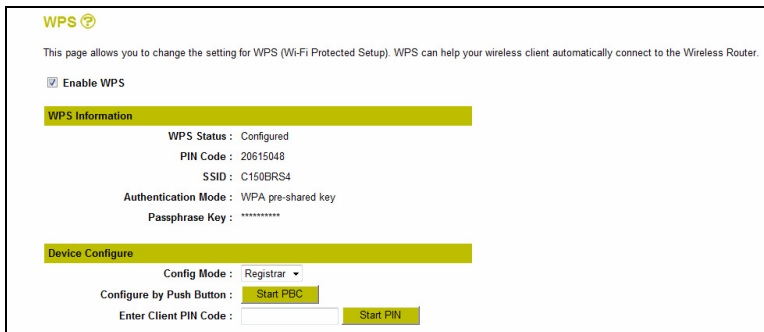
WPS - Tecnologia por Código PIN

Se o seu cliente sem fios suportar WPS mas não tiver um Botão real ou virtual, pode usar a tecnologia por Código PIN para estabelecer uma ligação WPS.

Nota: Para activar a função WPS por Código PIN, precisa de um computador com uma ligação por cabo ao C150APM.

- A. Entre na interface web tal como se explica no **capítulo 6.1**.
- B. Primeiro seleccione ‘General Setup’ (Configuração geral), depois ‘Wireless’ (Sem fios) e por fim ‘WPS’.

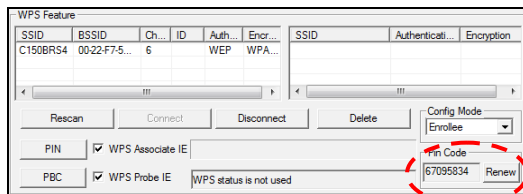
A página de configuração “WPS” é apresentada.

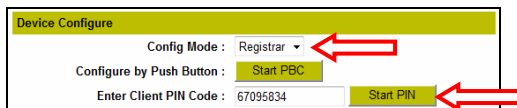


Na página de configuração WPS, pode activar o ‘Push Button’ (Botão) virtual ou a autenticação por ‘PIN Code’ (Código PIN).

A autenticação por ‘PIN Code’ (Código PIN) pode ser iniciada de 2 formas diferentes:

1. O cliente sem fios fornece o código PIN, que será introduzido no ponto de acesso. Nesta situação, o cliente sem fios será o ‘Enrollee’ (Registado) e o ponto de acesso será o ‘Registrar’ (Registador).
- A. Inicie o cliente sem fios e procure o código PIN fornecido, tal como se mostra no exemplo:





- B. Certifique-se se o “**Config Mode**” (Modo de configuração) na página de configuração do WPS está definido como ‘**Registrar**’ (Registador).
- C. Introduza o Código PIN fornecido pelo seu cliente sem fios no campo “**Enter Client PIN Code**” (Introduzir código PIN do cliente).
- D. Clique no botão ‘**Start PIN**’ (Iniciar PIN).

O C150APM vai manter a autenticação WPS para ligações de entrada com o código PIN fornecido activo durante 120 segundos.

- E. Inicie a ligação por código PIN no seu cliente sem fios.

O seu cliente sem fios vai agora ligar à rede sem fios protegida do C150APM. Quando a ligação tiver sido estabelecida, o C150APM vai parar a verificação da autenticação WPS e o Estado WPS na página de configuração WPS vai passar a estar “**Configured**” (Configurado).



Se quiser adicionar mais clientes sem fios com a função WPS, repita os passos A a E.

2. O ponto de acesso fornece o código PIN, que será introduzido no cliente sem fios. Nesta situação, o ponto de acesso será o ‘**Enrollee**’ (Registado) e o cliente sem fios será o ‘**Registrar**’ (Registador).

- A. Defina a opção “**Config Mode**” (Modo de configuração) na página de configuração WPS como ‘**Enrollee**’ (Registado) e escreva o código PIN referido na secção “**PIN Code**” (Código PIN).
- B. Clique no botão ‘**Start PIN**’ (Iniciar PIN).

O C150APM vai manter a autenticação WPS para ligações de entrada com o código PIN gerado activo durante 120 segundos.

- C. Introduza o código PIN fornecido pelo C150APM no software do seu cliente sem fios, defina o software do cliente sem fios como ‘**Registrar**’ (Registador) e inicie a ligação por código PIN.

O seu cliente sem fios vai agora ligar à rede sem fios protegida do C150APM. Quando a ligação tiver sido estabelecida, o C150APM vai parar a verificação da autenticação WPS e o Estado WPS na página de configuração WPS vai passar a estar “**Configured**” (Configurado).



Se quiser adicionar mais clientes sem fios com a função WPS, repita os passos A a C.

8. Definições das configurações avançadas

Este manual de instalação rápida explica os passos básicos para pôr o C150APM a funcionar. Para as configurações avançadas ou uma explicação mais detalhada, consulte o Manual do Utilizador (só em inglês) no CD-ROM do produto incluído.

Coloque o CD-ROM do produto numa unidade óptica, espere que o menu de execução automática apareça e seleccione **'View User Manual'** (Ver Manual do Utilizador).

Nota: Para poder ver o manual do utilizador tem de ter instalado o Adobe Reader. Se não tiver este programa instalado no seu computador, pode seleccionar a opção **'Install Adobe Reader'** (Instalar Adobe Reader) no menu de execução automática (apenas para Windows).

***Divirta-se com o seu
Ponto de Acesso Sem Fios 150N da Conceptronic!***

Conceptronic C150APM

Gyorstelepítési útmutató

Köszönjük, hogy a Conceptronic 150N, vezeték nélküli hozzáférési pontját választotta

Ez a gyorstelepítési útmutató lépésről lépésre elmagyarázza, miként kell a Conceptronic C150APM-jét telepítenie és használnia.

Ha a termékkel kapcsolatban további adatokra vagy támogatásra volna szüksége, azt tanácsoljuk, keresse fel a **Szolgáltatások és terméktámogatás (Service & Support)** c. oldalt a www.conceptronic.net/support honlapon, majd ott válassza ki az alábbi opciók valamelyikét:

- **FAQ** : A gyakran ismétlődő kérdések (GYIK) adatbázisa
- **Downloads** : Használati utasítások, illesztőprogramok, firmware és további letöltések
- **Contact** : Kapcsolatfelvétel a Conceptronic terméktámogatásával

A Conceptronic termékekkel kapcsolatos általános tájékozódás végett keresse fel a Conceptronic honlapját: www.conceptronic.net.

Az ebben a gyorstelepítési útmutatóban közöltek a Windows 7-en és a Vistán alapulnak, de mindez eltérhet az adott számítógép esetében, ha Ön éppen más operációs rendszert használ.

Megjegyzés: Ez a gyorstelepítési útmutató csak az alaplépéseket magyarázza el a C150APM telepítésével és üzemeltetésével kapcsolatban. A C150APM különböző funkcióival kapcsolatos további tájékozódás végett lásd a használati utasítást (kizárólag angol nyelvű!) a mellékelt termékismertető CD-ROM-on. Várjon az Autorun menü megjelenéséig, majd jelölje ki a „View User Manual”-t.

A használati utasítás megtekintéséhez telepítenie kell az Adobe Readert. Ha azt még nem telepítette, kijelölheti az „Install Adobe Reader”-t az Autorun menün (kizárólag Windows esetén!).

Tartalomjegyzék

1. A csomag tartalma
2. Előre konfigurált beállítások
3. A C150APM magyarázata
 - 3.1. Előlap
 - 3.2. Hátlap
4. A C150APM alkalmazásának definiálása
 - 4.1. Hozzáférési pont üzemmód
 - 4.2. Híd üzemmód
5. A számítógép konfigurálása
 - 5.1. Az IP-cím ellenőrzése
 - 5.2. Fix IP-cím konfigurálása
6. A C150APM konfigurálása „híd” üzemmódban
 - 6.1. Bejelentkezés
 - 6.2. Hidakcsolás kialakítása
7. Csatlakoztatás a vezeték nélküli hálózathoz
 - 7.1. Manuális csatlakoztatás Windows 7 esetén
 - 7.2. Manuális csatlakoztatás Windows Vista esetén
 - 7.3. Automatikus csatlakoztatás WPS segítségével
8. Speciális konfigurációs beállítások

1. A csomag tartalma

A Conceptronic 150N, vezeték nélküli hozzáférési pontot tartalmazó csomagban az alábbiak találhatók:

- Conceptronic C150APM - 150N, vezeték nélküli hozzáférési pont
- 5 V-os egyenáramú, 1 A-es tápegység
- Antenna a vezeték nélküli csatlakoztathatósághoz
- Hálózati (LAN) kábel
- Termékismertető CD-ROM
- Ez a többnyelvű gyors telepítési útmutató
- Jótállási jegy és a CE-nyilatkozatot tartalmazó füzet

2. Előre konfigurált beállítások

A C150APM-et a következő beállításokkal előre konfiguráltuk:

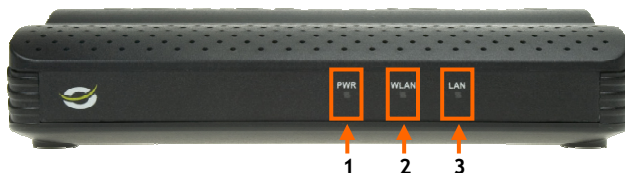
<u>IP-cím</u>	: 192.168.0.2
<u>Alhálózati maszk</u>	: 255.255.255.0
<u>Alapértelmezett átjáró</u>	: 192.168.0.1
<u>Felhasználónév</u>	: admin
<u>Jelszó</u>	: admin

Megjegyzés: Nyomatékosan javasoljuk a jelszó megváltoztatását, amikor első alkalommal konfigurálja a C150APM-et. Ha a **6.1. fejezetben** ismertetett lépések segítségével már bejelentkezett, beállíthatja a jelszót a „System Settings” opciónál.

<u>SSID (a vezeték nélküli hálózat neve)</u>	: C150APM
<u>Biztonsági szint</u>	: WPA/WPA2 vegyes mód, AES/TKIP-vel
<u>Biztonsági jelmondat</u>	: < a C150APM alján lévő termékismertető címkén látható >

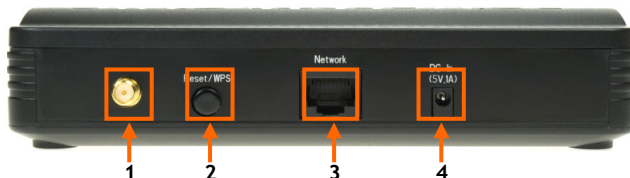
3. A C150APM magyarázata

3.1 Előlap



Sz.	Leírás	Állapot	Az állapotra vonatkozó magyarázat
1.	Az áramellátást jelző LED	NEM VILÁGÍT VILÁGÍT	A hozzáférési pont ki van kapcsolva A hozzáférési pont be van kapcsolva
2.	WLAN/WPS LED	NEM VILÁGÍT FOLYAMATOSAN VILÁGÍT VILLOG	A vezeték nélküli hálózat kikapcsolva A vezeték nélküli WPS-funkció bekapcsolva A vezeték nélküli hálózat aktív (adatok küldése vagy fogadása)
3.	LAN LED	NEM VILÁGÍT FOLYAMATOSAN VILÁGÍT VILLOG	A LAN-port nincs csatlakoztatva A LAN-port csatlakoztatva A LAN-port aktív (adatok küldése vagy fogadása)

3.2 Hátlap



Sz.	Leírás	Magyarázat
1.	Vezeték nélküli antennacsatlakozó	R-SMA csatlakozó a vezeték nélküli antennacsatlakozáshoz
2.	Visszaállító/WPS-gomb	A WPS-funkció aktiválására (röviden megnyomva), vagy visszaállítás végrehajtására (lenyomva tartva)
3.	NETWORK (LAN)-port	A hozzáférési pontnak saját hálózathoz vagy hálózattal felszerelt eszközhöz való csatlakoztatására
4.	Hálózati csatlakozás	A tápegység csatlakoztatására a hozzáférési ponthoz

4. A C150APM alkalmazásának definiálása

Mielőtt a C150APM-et megfelelő módon csatlakoztatná, definiálnia kell a C150APM használatát. A C150APM különböző környezetekben használható, és mindegyik környezet saját, különleges konfigurációt igényel:

5.1 Hozzáférési pont üzemmód

Ha a C150APM-et már meglévő, vezetékes hálózat vezeték nélkülivé való átalakítására kívánja használni, az eszközt „hozzáférési pontként” kell csatlakoztatnia (és konfigurálnia).

- Csatlakoztassa a tápegységet a C150APM hátoldalán lévő hálózati csatlakozóhoz, és szabad falicsatlakozóhoz. A C150APM előlapján lévő áramellátásjelző LED kigyullad.
- Csatlakoztassa a hálózati (LAN) kábelt a C150APM hátlapján található LAN-porthoz és a saját hálózathoz. A LAN LED kigyullad jelezve, hogy a hálózati kábelt megfelelően csatlakoztatták, a kapcsolat pedig aktív.

A C150APM innentől fogva „hozzáférési pontként” működik az adott hálózaton belül. Vezeték nélküli ügyfélnek a C150APM-hez való csatlakoztatása érdekében folytassa a **7. fejezettel**.

Megjegyzés: Alapértelmezésben a C150APM vezeték nélküli hálózatának biztonságáról a WPA-PSK/WPA2-PSK (vegyes módú) titkosítás gondoskodik. Ez azt jelenti, hogy nem kell manuálisan gondoskodni a vezeték nélküli hálózat biztonságáról. Lásd a használati utasítást (kizárólag angol nyelvű!) a mellékelt termékismertető CD-ROM-on, ha manuálisan kívánja megváltoztatni a C150APM (biztonsági) beállításait.

5.2 Hid üzemmód

Ha a C150APM-et hálózattal felszerelt eszköznek (például: hálózati nyomtató, hálózati tárolóeszköz, médialejátszó vagy játékkonzol) vezeték nélküli hálózathoz való csatlakoztatására kívánja használni, az eszközt „hídként” kell csatlakoztatnia (és konfigurálnia).

Megjegyzés: Ha a C150APM-et eredetileg „hídként” kívánja konfigurálni, nyomtatékosan javasoljuk, hogy a hozzáférési pontot saját, már meglévő hálózathoz (útválasztó, kapcsoló stb.) vagy közvetlenül a számítógéphez csatlakoztassa.

- Csatlakoztassa a tápegységet a C150APM hátlapján lévő hálózati csatlakozóhoz, és szabad falicsatlakozóhoz. A C150APM előlapján látható áramellátásjelző LED kigyullad.
- Csatlakoztassa a hálózati (LAN) kábelt a C150APM hátlapján lévő LAN-porthoz, és saját hálózathoz vagy számítógéphez. A LAN LED kigyullad jelezve, hogy a hálózati kábelt megfelelően csatlakoztatták, a kapcsolat pedig aktív.

A C150APM innentől fogva aktív, de „hozzáférési pont” üzemmódban működik.

A számítógépnek a C150APM konfigurálásához való előkészítéséhez folytassa az **5. fejezettel**.

A C150APM-nek „hid” üzemmódban való konfigurálásához folytassa a **6. fejezettel**.

5. A számítógép konfigurálása

A hozzáférési pont fix IP-címmel van konfigurálva. A hozzáférési pont konfigurálásához az adott számítógép IP-címének ugyanabba az IP-tartományba kell esnie, mint a hozzáférési pont.

Megjegyzés: A hozzáférési pont fix IP-címe a következő: **192.168.0.2**

5.1 Az IP-cím ellenőrzése

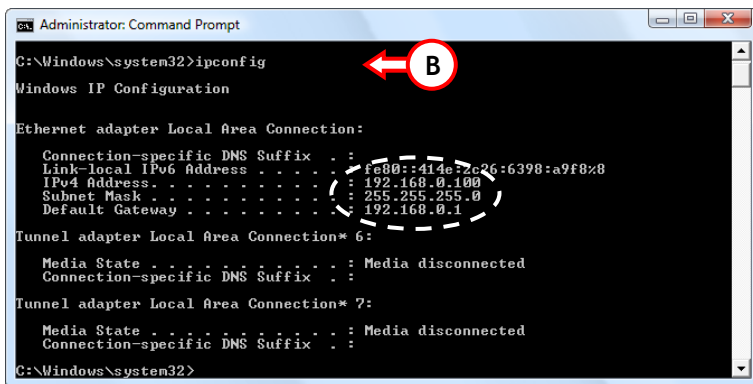
A Windows „**Command Prompt**”-ja segítségével ellenőrizheti, hogy vajon a számítógép IP-címe ugyanabba az IP-tartományba esik-e, mint a hozzáférési pont. Ez a példa a Service Pack 1-gyel (1. javítócsomag) kiegészülő Windows 7-en, illetve Vistán alapul. A Windows 7 és Vista esetében - az alábbi lépések végrehajtásához - olyan rendszergazdai jogosultságra van szükség, amelyek magyarázata az alábbiakban látható.

- A. Kattintson a következőkre: „**Start**”, „**All Programs**”, „**Accessories**”, majd kattintson jobb egérrel a „**Command Prompt**”-ra, végül jelölje ki a „**Run as administrator**”-t.

Figyelmeztető üzenetet kaphat, amelyet a „**Continue**”-ra vagy a „**Yes**”-re kattintva kell elfogadnia.

A Command Prompt ablak jelenik meg. Ügyeljen arra, hogy a „**Command Prompt**” címsoron szerepeljenek a következők: „**Administrator: Command Prompt**”. Ha az „**Administrator**” nem szerepel, akkor - ezeknek a lépéseknek a végrehajtásához - Ön nem rendelkezik a rendszergazdai jogosultsággal, ezért ismét végre kell hajtania az A. lépést.

- B. Írja be az „**IPCONFIG**” parancsot, majd nyomja le az „**ENTER**”-t a billentyűzeten.



```
Administrator: Command Prompt
C:\Windows\system32>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::414e:7c26:6398:a9f8%8
    IPv4 Address. . . . . : 192.168.0.100
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.0.1

Tunnel adapter Local Area Connection* 6:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

Tunnel adapter Local Area Connection* 7:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

C:\Windows\system32>
```

Az alábbiakat kell látnia:

IPv4-cím : **192.168.0.xxx** (ahol az xxx bármi lehet 3 - 254 között).
 Alhálózati maszk : **255.255.255.0**

MAGYAR

Ha a fenti információ megegyezik a konfigurációval, folytathatja a hozzáférési pontnak az **5. fejezet** szerinti konfigurálását.

Ha a fenti információ nem egyezik az adott konfigurációval, ideiglenesen fix IP-címet kell hozzárendelnie a számítógéphez a hozzáférési pontával egyező IP-tartományban, hogy aztán a hozzáférési pontot konfigurálhassa.

A fix IP-cím konfigurálásához szükséges lépéseket megtalálja az **5.2. fejezetben**.

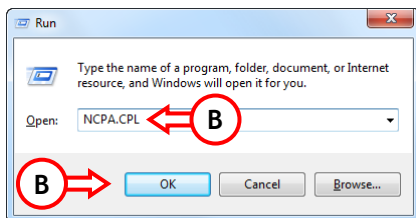
5.2 Fix IP-cím konfigurálása

Ha az adott számítógép IP-címe nem a hozzáférési pontával megegyező IP-tartományba esik, akkor a számítógéphez az ugyanabba az IP-tartományba eső, fix IP-címet kell ideiglenesen hozzárendelni.

Az alábbi utasítások segítségével fix IP-címet rendelhet hozzá a számítógéphez.

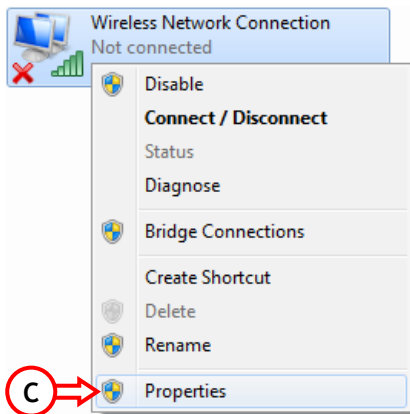
A. Kattintson a „Start”-ra, lépjen a következőkhöz: „All Programs”, „Accessories”, majd válassza a „Run”-t.

B. Írja be a „NCPA.CPL” parancsot, majd kattintson az „OK”-ra.



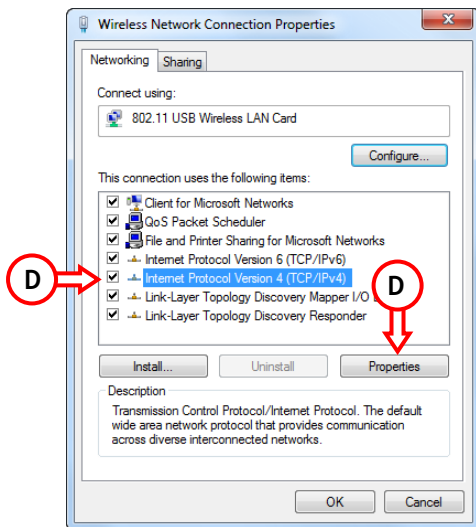
A „Network Connections” ablak jelenik meg.

C. Jobb egérrel kattintson a „Local Area Connection”-re vagy a „Wireless Network Connection”-re (attól függően, milyen kapcsolatot használ), majd jelölje ki a „Properties”-t.



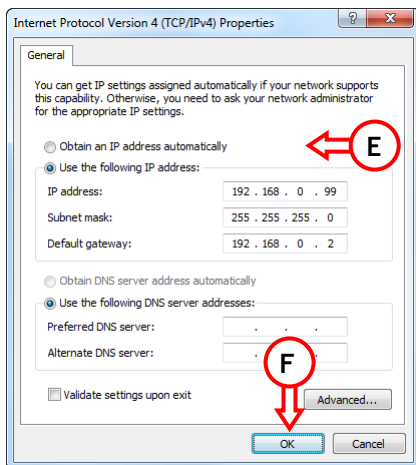
A Local Area Connectionnek vagy a Wireless Network Connectionnek a Properties ablaka jelenik meg.

- D. Jelölje ki az „Internet Protocol Version 4 (TCP/IPv4)”-et, majd kattintson a „Properties”-re.



Az Internet Protocol Version 4 (TCP/IPv4)-nek a Properties ablaka jelenik meg.

- E. Állítsa be a Propertiest (tulajdonságok) a következőkre: „Use the following IP address:”, majd írja be az alábbi értékeket a rendelkezésre álló mezőkre:
IP address: 192.168.0.99
Subnet mask: 255.255.255.0
Default gateway: 192.168.0.2
- F. A beállítások elmentéséhez kattintson az „OK”-ra.
- G. A beállítások elmentéséhez kattintson az „OK”-ra az Internet Protocol Version 4 (TCP/IPv4)-nek a Properties ablakában.



6. A C150APM konfigurálása „híd” üzemmódban

Ebben a fejezetben azt ismertetjük, miként kell a C150APM-et „híd” üzemmódban konfigurálni.

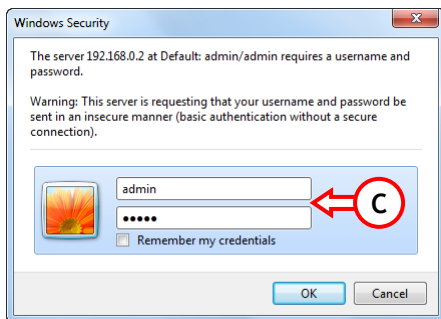
6.1 Bejelentkezés

Ahhoz, hogy a C150APM-et konfigurálhassuk, web alapú felületet kell használnunk. Ez azt jelenti, hogy a C150APM-et bármelyik számítógépen konfigurálni lehet webböngésző segítségével.

Ahhoz, hogy a C150APM-be be lehessen jelentkezni, az alábbiak végrehajtására van szükség:

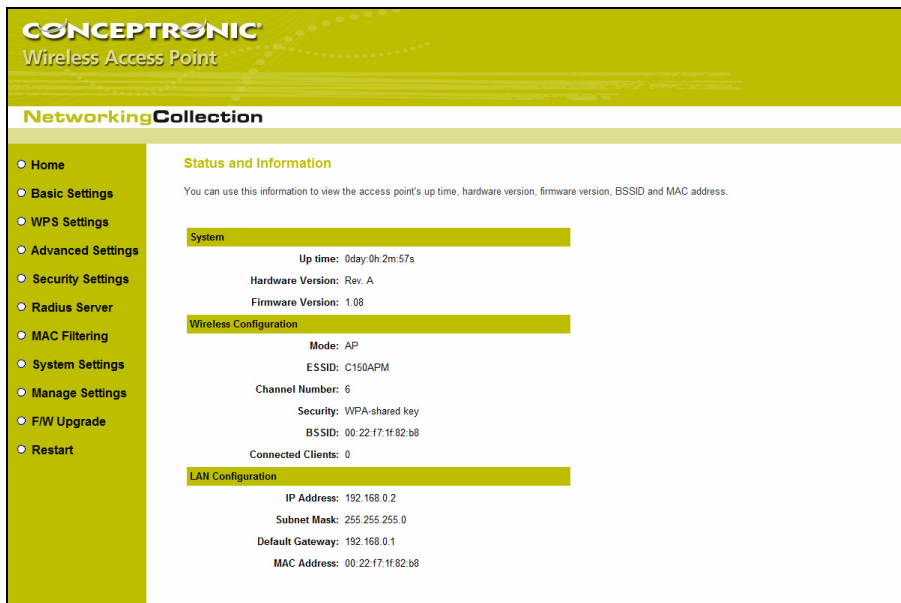
- A. Indítsa el az adott webböngészőt (például: Internet Explorer, Firefox, Safari vagy Chrome).
- B. Írja be a hozzáférési pont IP-címét a webböngésző címsorába.
Ez alapértelmezésben a következő : <http://192.168.0.2/>

Előugró ablak jelenik meg, amely kéri a felhasználónevet és a jelszót.



- C. Írja be a felhasználónevet és a jelszót, majd kattintson az „OK”-ra, hogy beléphessen a web alapú konfigurációba.
Alapértelmezett felhasználónév : admin
Alapértelmezett jelszó : admin

Ha a felhasználónév és a jelszó helyes, a C150APM a fő konfigurációs oldalt jeleníti meg:



A főoldaltól könnyen kiválasztható a négy főopció bármelyike a C150APM-nek a web alapú konfigurációjában:

- Home : A fő konfigurációs oldal megjelenítésére
- Basic Settings : A hozzáférési pont alapbeállításainak az igazítására
- WPS Settings : A WPS-beállítások igazítására
- Advanced Settings : A speciális, vezeték nélküli beállítások igazítására
- Security Settings : A vezeték nélküli biztonsági beállítások igazítására
- Radius Server : A Radius-kiszolgáló konfigurációs opciói
- MAC Filtering : Az MAC-szűrési szabályok engedélyezésére és konfigurálására
- System Settings : A C150APM rendszerbeállításainak az igazítására
- Manage Settings : Biztonsági másolat készítésére a beállításokról, vagy a C150APM-nek az alapértelmezett beállításokra történő visszaállítására
- F/W Upgrade : A firmware frissítésére
- Restart : A hozzáférési pont újraindítására.

Megjegyzés:

Ez a gyors telepítési útmutató csak a „hid” üzemmódhoz szükséges beállításokat, valamint a „hozzáférési pont” mód alapbeállításait magyarázza el. Minden további opció magyarázata a mellékelt termékismertető CD-ROM-on található használati utasításban (kizárólag angol nyelvű!) olvasható. Várjon, amíg az Autorun menü meg nem jelenik, majd jelölje ki a „View User Manual”-t.

6.2 Hídkapcsolás kialakítása

Ez a fejezet lépésről lépésre végigvezet a C150APM azon beállításain, amelyek konfigurálást igényelnek a hídkapcsolat kialakításához.

Megjegyzés: Mielőtt a C150APM-nek a „híd” üzemmódban történő konfigurálásával folytatná, a meglévő, vezeték nélküli hálózat vonatkozásában az alábbi adatokra van szüksége:

- A hálózat neve (SSID)
- Az alkalmazott titkosítás típusa
- Titkosítási kulcs/jelmondat

A. Kattintson a „Basic Settings”-re a webkonfiguráció bal oldali menüjén.

A képernyőn a „Basic Settings” jelenik meg.

The screenshot displays the web configuration interface for a Conceptronic Wireless Access Point. The interface has a green header with the brand name and a yellow sidebar menu on the left. The main content area is titled 'Basic Settings' and contains instructions, configuration fields, and control buttons.

CONCEPTRONIC
Wireless Access Point

NetworkingCollection

Basic Settings

Use this page to select the operation mode for the access point, the ESSID and channel number for the wireless connection. This is used for wireless clients to connect to the access point.

Mode :

Band :

MAIN ESSID :

Site Survey :

Left Sidebar Menu:

- Home
- **Basic Settings**
- WPS Settings
- Advanced Settings
- Security Settings
- Radius Server
- MAC Filtering
- System Settings
- Manage Settings
- F/W Upgrade
- Restart

B. Válassza meg a „Mode”-ot a következőre: „Station-Infrastructure”.

C. Kattintson a „Select Site Survey” gombra a meglévő, vezeték nélküli hálózat megkereséséhez.

A „Wireless Site Survey” jelenik meg egy előugró ablakban, amelyen az adott területen található összes hálózat látható.

Wireless Site Survey

This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when client mode is enabled.

Select	Channel	SSID	BSSID	Encryption	Authentication	Signal	Mode
☐	1	C300APRA2+	00:22:F7:02:44:CF	TKIP	WPAPSK	100	11b/g/n
☒	6	C150BRS4	00:22:F7:5D:31:1C	AES	WPAPSK	100	11b/g/n

Megjegyzés:

Ha a már meglévő, vezeték nélküli hálózat nem látható, akkor lehet, hogy az adott tartományon kívül esik, ki van kapcsolva vagy rejtett. Ellenőrizze, vajon a meglévő, vezeték nélküli hálózat működik-e, majd a „Refresh” gomb segítségével ismét próbálkozzon a vezeték nélküli hálózatok megkeresésével. Ha a vezeték nélküli hálózat rejtett, akkor nem jelenik meg a „Wireless Site Survey”-n. Ebben az esetben zárja be a „Wireless Site Survey” ablakot, majd írja be a pontos hálózatnevet a „MAIN ESSID” mezőre a „Basic Settings” oldalon.

D. Jelölje ki a meglévő, vezeték nélküli hálózatot, amelyhez csatlakozni kíván, majd kattintson a „Connection” gombra.

A „Wireless Site Survey” előugró ablak becsukódik, a kijelölt, vezeték nélküli hálózat neve pedig megjelenik a „MAIN ESSID” mezőn a „Basic Settings” oldalon.

E. Kattintson az „Apply” gombra a beállítások alkalmazásához.

Settings saved successfully.

Click on the "Continue" button to continue configuring other settings or click on the "Apply" button to restart the access point to make the changes take effect

Megjegyzés:

A beállításoknak a C150APM konfigurációjában való megváltoztatásakor mindig üzenet kéri majd, hogy válasszanak az alábbi két opció közül:

- **Continue:** A változtatások végrehajtásának folytatására (a változtatások még nincsenek elmentve a memóriába).
- **Apply:** Előbb az összes változtatás alkalmazására oly módon, hogy azokat a memóriába mentik el, majd a C150APM-et újraindítására.

F. Ha a beállítások megváltoztatásával kívánja folytatni, kattintson a „Continue” gombra.

G. Kattintson a „Security Settings”-re a webes konfiguráció bal oldali menüjén.

MAGYAR

A képernyőn a „Security Settings” jelenik meg.

CONCEPTRONIC
Wireless Access Point

NetworkingCollection

- Home
- Basic Settings
- WPS Settings
- Advanced Settings
- Security Settings**
- Radius Server
- MAC Filtering
- System Settings
- Manage Settings
- FW Upgrade
- Restart

Security Settings

Use this page to enable or disable security on your wireless network. Define an encryption method to prevent unauthorized access to your wireless network.

Select SSID

SSID choice : C150BRS4 ▾

Security Settings

Encryption : WPA pre-shared key ▾

WPA Unicast Cipher Suite : ☐ WPA(TKIP) ☒ WPA2(AES)

Pre-shared Key Format : Passphrase ▾

Pre-shared Key :

- H. Jelölje ki a meglévő, vezeték nélküli hálózathoz használt titkosítás típusát az „Encryption” legördülő menün.

Ha a meglévő, vezeték nélküli hálózat biztonságáról WPA gondoskodik:

- Jelölje ki a WPA-biztonság típusát a „WPA Unicast Cipher Suite” résznél.
- Jelölje ki a titkosítási kulcs típusát a „Pre-shared Key Format” résznél.
- Írja be a titkosítási kulcsot a „Pre-shared Key” résznél.

Ha a meglévő, vezeték nélküli hálózat biztonságáról WEP gondoskodik:

- Jelölje ki a titkosítási kulcs hosszát a „Key Length” résznél.
- Jelölje ki a megfelelő kulcsformátumot a „Key Format” résznél.
- Írja be a titkosítási kulcsot az „Encryption Key” résznél.

- I. A beállítások alkalmazásához kattintson az „Apply” gombra.

Settings saved successfully.

Click on the "Continue" button to continue configuring other settings or click on the "Apply" button to restart the access point to make the changes take effect

- Megjegyzés:** A beállításoknak a C150APM konfigurációjában való megváltoztatásakor mindig megjelenik egy üzenet, amely a következő két opció közül történő választást kéri:
- **Continue** : A változtatások végrehajtásának folytatására (a változtatások még nincsenek elmentve a memóriába).
 - **Apply** : Előbb az összes változtatás alkalmazására oly módon, hogy azokat a memóriába mentik el, majd a C150APM-et újraindítására.

- J. A beállításoknak a memóriába való elmentéséhez, és a C150APM újraindításához kattintson az „Apply” gombra.

Access point is being restarted! Please wait for the restart to complete.

OK(28)

Az újraindítás során az „OK” gomb kiszürkül, és egy visszaszámláló időzítőt mutat. Amikor az újraindítás befejeződött, az „OK”-ra kattintva visszatérhet a C150APM webes konfigurációjához.

Ezzel a „híd” üzemmód konfigurálása befejeződött. Innentől fogva a C150APM leválasztható a számítógépről, egyszersmind csatlakoztatható ahhoz a hálózati eszközhöz, amely számára a hidat konfigurálták.

- Megjegyzés:** Ha ideiglenes fix címet hozzárendelt már az adott számítógéphez az 5.2. fejezetben, akkor vissza kell állítania a számítógépet az eredeti beállításokra. Kövesse az 5.2. fejezetben megadott lépéseket. Az E. lépésben jelölje ki a következőt: „Obtain an IP address automatically”.

***A Conceptronic 150N, vezeték nélküli hozzáférési pontja
ezzel - mint vezeték nélküli híd - használatkész!***

7. Csatlakoztatás a vezeték nélküli hálózathoz

Két különböző mód kínálkozik a C150APM-hez vezeték nélkül való csatlakoztatásra:

- manuálisan.
- automatikusan, a WPS-funkció segítségével.

! FONTOS MEGJEGYZÉS !

A C150APM biztonságáról alapértelmezésben a WPA-PSK/WPA2-PSK (vegyes módú) titkosítás gondoskodik. Az egyedi WPA-jelmondat megtalálható a C150APM alján lévő matricán.

Szinte minden márkájú/típusú, vezeték nélküli kártya más ügyfélalkalmazást használ. Ha tájékozódni kíván arra nézve, hogyan kell kapcsolatot kialakítani vezeték nélküli hálózattal, lásd a vezeték nélküli hálózati kártya leírását.

7.1 Manuális csatlakoztatás Windows 7 esetén

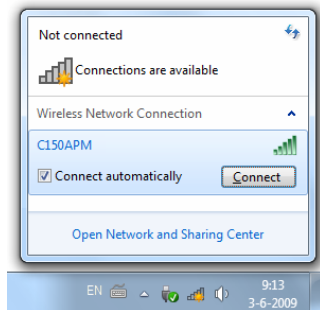
Az alábbi példa esetében a Windows 7-hez tartozó, integrált „Connect to a Network” opciót használjuk.

- A. Kattintson a „Network” ikonra a Tálcán, ha meg kívánja tekinteni az elérhető, vezeték nélküli hálózati kapcsolatok listáját.

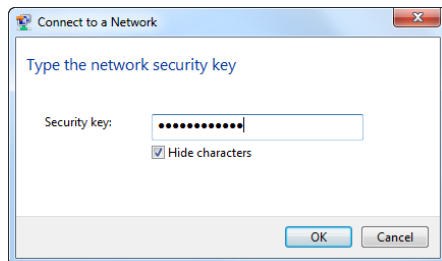


- B. Jelölje ki a „C150APM” hálózatot a listán, majd kattintson a „Connect”-re.

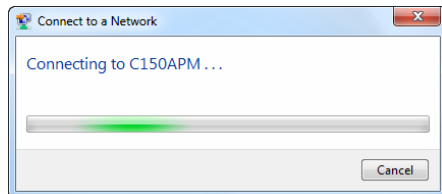
Alapértelmezésben a „Connect automatically” opció van kijelölve. Ez biztosítja, hogy a kapcsolat minden egyes alkalommal automatikusan elinduljon, amikor a számítógépet bekapcsolják. Ha erre nincs szükség, ennek az opciónak a kijelölése visszavonható, mielőtt rákattintanának a „Connect”-re.



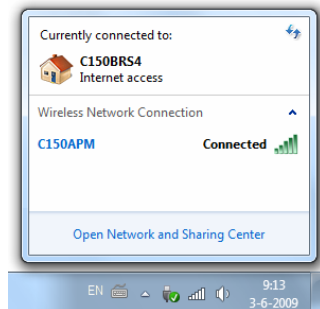
- C. Írja be az alapértelmezett WPA-jelmondatot (amely a C150APM alján látható) a „Security key” mezőre, majd kattintson az „OK”-ra.



- D. Az ügyfél ezután megkezdí a rácsatlakozást a vezeték nélküli hálózatra.



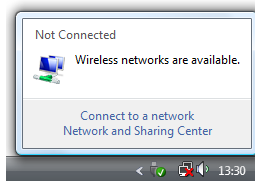
- E. A vezeték nélküli kapcsolat állapotának az ellenőrzése érdekében rákattinthat a „Network” ikonra a Tálcán. Látni fogja, hogy melyik hálózatra van éppen rácsatlakozva, milyen a hozzáférés, egyszersmind milyen a kapcsolat jelerőssége.



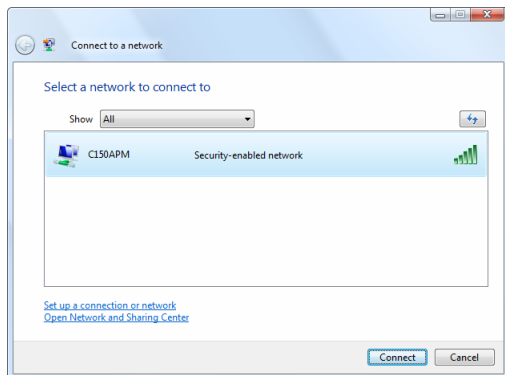
7.2 Manuális csatlakoztatás Windows Vista esetén

Az alábbi példa esetében a Service Pack 1-gyel (1. sz. javítócsomag) kiegészített Windows Vistából származó, integrált „Connect to a Network” opciót alkalmazzuk.

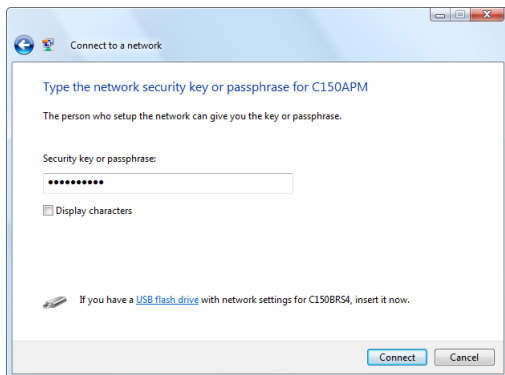
- A. Kattintson a „Network” ikonra a Tálcán, majd kattintson a következőre: „Wireless networks are available”.



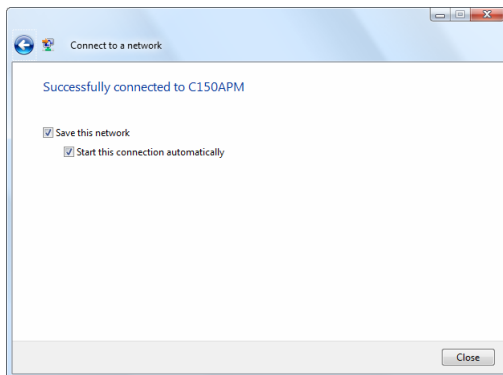
- B. Jelölje ki a „C150APM” hálózatot a listán, majd kattintson a „Connect”-re.



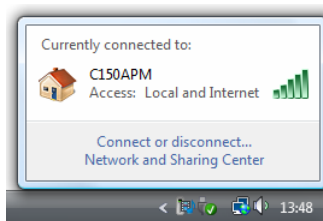
- C. Írja be az alapértelmezett WPA-jelmondatot (amely a C150APM alján látható) a „Security key or passphrase” mezőre, majd kattintson a „Connect”-re.



- D. Amikor a kapcsolat már létrejött, dönthet amellett, hogy a hálózatot elmenti és automatikusan elindítja minden egyes alkalommal, amikor a számítógépet bekapcsolják. A „Close”-ra kattintva kiléphet a Csatlakozás varázslóból.



- E. Ha ellenőrizni kívánja a vezeték nélküli kapcsolat állapotát, rákattinthat a „Network” ikonra a Tálcán. Látni fogja majd, hogy melyik hálózatra van éppen rácsatlakozva, milyen a hozzáférés, és milyen a kapcsolat jelerőssége.



7.3 Automatikus csatlakoztatás WPS segítségével

A Conceptronic C150APM támogatja a WPS-t (Wi-Fi-vel védett Setup). A WPS egy a vezeték nélküli hálózat könnyű és biztonságos kialakításához szükséges szabvány. A WPS segítségével pár egyszerű lépésben telepíthető és védhető a vezeték nélküli hálózat.

Megjegyzés: Ha a WPS-t kívánja alkalmazni a C150APM-nél, akkor a WPS-t támogató, vezeték nélküli ügyfélre van szükség. Ha egy vagy több olyan, vezeték nélküli ügyfele van, amelyeknek nincs WPS-támogatása, akkor tanácsos manuálisan rácsatlakozni a C150APM-re a készülék alján látható, előre konfigurált WPA-kulcs segítségével. A vezeték nélküli hálózatra való manuális rákapcsolódással kapcsolatban lásd a 7.1. vagy a 7.2. fejezetet.

Megjegyzés: A WPS-re vonatkozó további (műszaki) adatokkal kapcsolatban lásd az alábbi honlapot: http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

A C150APM kétféleképpen támogatja a WPS-kapcsolat aktiválását és kialakítását:

- Push Button technology (nyomógombos technológia)
- PIN Code technology (PIN-kódos technológia)

WPS – Nyomógombos technológia

A WPS nyomógombos technológia (virtuális) gombot igényel a vezeték nélküli ügyfél esetében, hogy kapcsolatot lehessen létesíteni a C150APM és a vezeték nélküli ügyfél között. Bizonyos, vezeték nélküli ügyfelek igazi gombot alkalmaznak a WPS nyomógombos technológiának az aktiválására; más, vezeték nélküli ügyfelek pedig virtuális gombot használnak a programjukban.

Az alábbi lépések segítségével lehet – a nyomógombos technológia alkalmazása mellett – a WPS-kapcsolatot aktiválni, illetve kialakítani:

- A. Nyomja meg a WPS-gombot a C150APM alján; a WLAN/WPS LED innentől fogva folyamatosan világít jelezve, hogy a WPS-hitelesítés elindult.
- B. Nyomja meg a WPS-gombot a vezeték nélküli ügyfélen. Ez vagy egy hardvergomb, vagy egy a vezeték nélküli ügyfél programjának részét képező, virtuális gomb.

Megjegyzés: A C150APM 120 mp-ig biztosítja a WPS-hitelesítés aktiváltságát. Ezalatt a WLAN/WPS LED folyamatosan világít. Ha 120 mp-en belül nem jön létre WPS-kapcsolat, a LED visszatér eredeti állapotába, és a WPS-hitelesítés leáll.

Ha a WPS-hitelesítés sikeres, a WLAN/WPS LED visszatér eredeti állapotába.

Innentől fogva a vezeték nélküli ügyfél rá van csatlakoztatva a C150APM-nek a biztonságos, vezeték nélküli hálózatára.

A kapcsolat elvesztése nélkül további, vezeték nélküli ügyfelekkel is kiegészítheti a korábban már csatlakoztatott, vezeték nélküli ügyfeleket. Ha egynél több, vezeték nélküli ügyfelet kíván hozzáadni, ismételje meg a fenti A. és B. lépést.

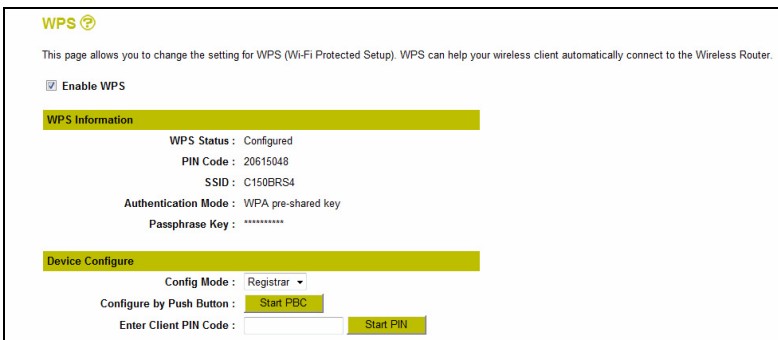
WPS – PIN-kódos technológia

Ha a vezeték nélküli ügyfél olyan WPS-t támogat, amelynek nincs (virtuális) nyomógombja, akkor a PIN-kódos technológia használható a WPS-kapcsolat kialakítására.

Megjegyzés: A WPS PIN-kódos funkciójának az aktiválásához olyan számítógépre van szükség, amely vezetékiesen csatlakozik a C150APM-hez.

- A. Jelentkezzen be a webes felületre a **6.1. fejezetben** elmagyarázottak szerint.
- B. Előbb jelölje ki a „General Setup”-ot, majd a „Wireless”-t, végül pedig a „WPS”-t.

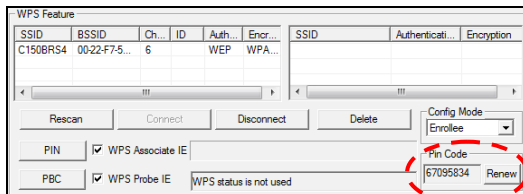
A „WPS” konfigurációt feltüntető oldal jelenik meg.

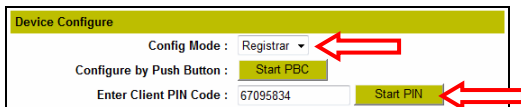


A WPS-konfigurációt tartalmazó oldalon bekapcsolhatja a virtuális „nyomógombos” vagy a „PIN-kódos” hitelesítést.

A „PIN-kódos” hitelesítés kétféleképpen kezdeményezhető:

1. A vezeték nélküli ügyfél megadja a PIN-kódot, amelyet majd beírnak a hozzáférési pontba. Ebben a helyzetben a vezeték nélküli ügyfél az „Enrollee” lesz, a hozzáférési pont pedig a „Registrar”.
- A. Indítsa el a vezeték nélküli ügyfelet, és keresse meg az adott PIN-kódot az alábbi példában közöltek szerint:





- B. Ellenőrizze, hogy a „Config Mode” a WPS-konfigurációt tartalmazó oldalon „Registrar”-ra van-e beállítva.
- C. Írja be a vezeték nélküli ügyfél által megadott PIN-kódot az „Enter Client PIN Code” mezőre.
- D. Kattintson a „Start PIN” gombra.

A C150APM 120 mp-ig gondoskodik a WPS-hitelesítés aktívan tartásáról a megadott PIN-kóddal bíró, bejövő kapcsolatok szempontjából.

- E. Indítsa el a PIN-kódos kapcsolatot a vezeték nélküli ügyfélnél.

Az adott, vezeték nélküli ügyfél inntől fogva rá van csatlakoztatva a C150APM biztonságos, vezeték nélküli hálózatra. Amikor a kapcsolat már létrejött, a C150APM leállítja a WPS-hitelesítés ellenőrzését, a WPS konfigurációs oldalon pedig a WPS állapot a következőre lesz beállítva: „Configured”.



Ha további, a WPS-funkcióval bíró, vezeték nélküli ügyfeleket kíván hozzáadni, ismételje meg az A.-tól E.-ig terjedő lépéseket.

2. A hozzáférési pont megadja a PIN-kódot, amelyet majd beírnak a vezeték nélküli ügyfélnél. Ebben a helyzetben a hozzáférési pont az „Enrollee” lesz, a vezeték nélküli ügyfél pedig a „Registrar”.
- A. Állítsa be a WPS konfigurációs oldalán a „Config Mode” opciót a következőre: „Enrollee”, majd írja le a „PIN Code” c. fejezetben említett PIN-kódot.
- B. Kattintson a „Start PIN” gombra.

A C150APM 120 mp-ig gondoskodik a WPS-hitelesítés aktívan tartásáról a generált PIN-kóddal bíró, bejövő kapcsolatok esetében.

- C. Írja be a C150APM-hez mellékelt PIN-kódot a vezeték nélküli ügyfél programjába, állítsa be a vezeték nélküli ügyfél programját „Registrar”-ra, majd végül indítsa el a PIN-kódos kapcsolatot.

Az adott, vezeték nélküli ügyfél inntől fogva rá van csatlakoztatva a C150APM-nek a biztonságos, vezeték nélküli hálózatra. Ha a kapcsolat már létrejött, a C150APM leállítja a WPS-hitelesítés ellenőrzését, a WPS konfigurációs oldalán látható WPS-állapot beállítása pedig a következő lesz: „Configured”.



Ha WPS-funkcióval bíró további, vezeték nélküli ügyfeleket kíván hozzáadni, ismételje meg az A.-tól C.-ig jelölt lépéseket.

8. Speciális konfigurációs beállítások

Ez a gyors telepítési útmutató azokat az alapbeállításokat magyarázza el, amelyekre a C150APM telepítéséhez és üzemeltetéséhez van szükség. A speciális beállításokat vagy a részletesebb magyarázatot illetően lásd a használati utasítást (kizárólag angol nyelvű!) a mellékelt termékismertető CD-ROM-on.

Tegye be a termékismertető CD-ROM-ot az optikai meghajtóba, várjon az Autorun menü megjelenéséig, majd jelölje ki a „View User Manual”-t.

Megjegyzés: A használati utasítás megtekintéséhez előbb telepítenie kell az Adobe Readert. Ha még nem telepítette, kijelölheti az „Install Adobe Reader”-t az Autorun menün (kizárólag Windows esetén!).

***Kívánjuk, hogy örömmel használja a
Conceptronic 150N, vezetékek nélküli hozzáférési pontot!***

Conceptronic C150APM Hızlı Kurulum Kılavuzu

Conceptronic 150N Kablosuz Erişim Noktası Satın Aldığınız İçin Tebrikler

Bu hızlı kurulum kılavuzu Conceptronic C150APM kurulumunun ve kullanımının adım adım nasıl yapılacağı konusunda bilgi içermektedir.

Ürününüzle ilgili daha fazla bilgi veya destek almak istediğinizde, www.conceptronic.net/support web sitemizin **Service & Support (Servis ve Destek)** bölümünü ziyaret etmenizi ve aşağıdaki seçeneklerden birini seçmenizi öneririz:

- **FAQ** : Sıkça Sorulan Sorular veritabanı
- **Downloads** : Kullanım Kılavuzları, Sürücüler, Ürün Bilgisi ve diğer yüklemeler
- **Contact** : Conceptronic Destek İletişim Bilgileri

Conceptronic ürünleri hakkında genel bilgi almak için www.conceptronic.net Conceptronic web sitesini ziyaret edebilirsiniz.

Bu hızlı kurulum kılavuzundaki bilgiler Windows 7 ve Vista işletim sistemlerine göre verilmiştir ancak farklı bir işletim sistemi kullandığınızda farklılık gösterebilir.

Not: Bu hızlı kurulum kılavuzunda sadece C150APM'yi hazırlama ve çalıştırma ile ilgili temel adımlar açıklanmıştır. C150APM'nin çeşitli fonksiyonları ile ilgili daha fazla bilgi için, lütfen Ürün CD-ROM'undaki kullanıcı kılavuzuna (sadece İngilizce) bakın. Otomatik çalıştırma menüsünün ekrana gelmesini bekleyin ve **'View User Manual'** (Kullanıcı Kılavuzunu Görüntüle)'yi seçin.

Kullanıcı kılavuzunu görüntülemek için, Adobe Reader programının kurulu olması gerekir. Bu program bilgisayarınızda yüklü değilse, otomatik çalıştırma menüsünden **'Install Adobe Reader'** (Adobe Reader Programını Kur) seçeneğini seçebilirsiniz.

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 - 3.2. Arka panel
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8. Gelişmiş yapılandırma ayarları

1. Paket İçeriği

Conceptronic 150N Kablosuz Erişim Noktası paketinin içeriği aşağıdaki gibidir:

- Conceptronic C150APM - 150N Kablosuz Erişim Noktası
- Güç kaynağı 5V DC, 1A
- Kablosuz bağlantı için 1 anten
- Ağ (LAN) kablosu
- Ürün CD-ROM'u
- Çok dilli hızlı kurulum kılavuzu
- Garanti belgesi ve CE uygunluk beyanı

2. Önyapılandırılmış ayarlar

C150APM aşağıdaki ayarlarla önceden yapılandırılmıştır:

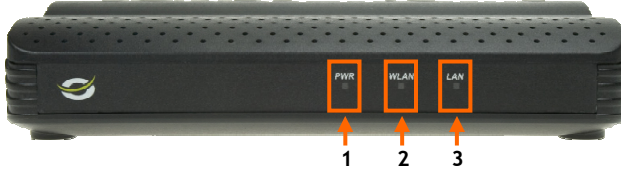
<u>IP address (IP adresi)</u>	: 192.168.0.2
<u>Subnet mask (Alt ağ maskesi)</u>	: 255.255.255.0
<u>Default gateway (Varsayılan ağ geçidi)</u>	: 192.168.0.1
<u>Username (Kullanıcı adı)</u>	: admin
<u>Password (Parola)</u>	: admin

Not: C150APM'yi ilk kez yapılandırdığınızda parolayı değiştirmenizi kesinlikle tavsiye ederiz. Bölüm 6.1'de açıklanan adımlarla oturum açtığınızda, parolayı “System Settings” (Sistem Ayarları) seçeneğinde ayarlayabilirsiniz.

<u>SSID (Kablosuz ağ adı)</u>	: C150APM
<u>Security level (Güvenlik düzeyi)</u>	: AES/TKIP'li WPA/WPA2 Karma mod
<u>Security passphrase (Güvenlik parolası)</u>	: < C150APM'nin altındaki ürün etiketinde basılıdır >

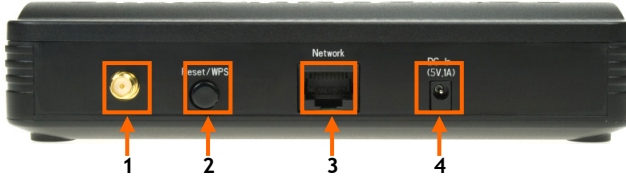
3. C150APM tanıtımı

3.1 Ön panel



Nr	Tanım	Durum	Durum Açıklaması
1	Güç LED'i	KAPALI AÇIK	Erişim noktası kapalı Erişim noktası açık
2	WLAN/WPS LED'i	KAPALI AÇIK - SABİT AÇIK - YANIP SÖNÜYOR	Kablosuz ağ kapalı Kablosuz WPS işlevi etkin Kablosuz ağ etkinliği (veri gönderme veya alma)
3	LAN LED'i	KAPALI AÇIK - SABİT AÇIK - YANIP SÖNÜYOR	LAN bağlantı noktası bağlı değil LAN bağlantı noktası bağlı LAN bağlantı noktası etkinliği (veri gönderme veya alma)

3.2 Arka panel



Nr	Tanım	Açıklama
1	Kablosuz anten konnektörü	Kablosuz anten bağlantısı için R-SMA konnektörü
2	Reset/WPS düğmesi	WPS işlevini etkinleştirir (kısa basış) veya sıfırlama (reset) işlemi gerçekleştirir (basılı tutma)
3	AĞ (LAN) bağlantı noktası	Erişim noktasını ağa veya ağ donanımlı bir ağıta bağlamak için kullanılır
4	Güç bağlantısı	Güç kaynağını erişim noktasına bağlamak için kullanılır

4. C150APM kullanımının tanımlanması

C150APM'yi doğru olarak bağlamadan önce C150APM'nin kullanımını tanımlamanız gerekir. C150APM farklı ortamlarda kullanılabilir ve her ortama ait özel yapılandırma yapılmalıdır.

4.1 Erişim noktası modu

C150APM'yi, mevcut kablolu ağıınızı kablosuz yapmak için kullanmak isterseniz, aygıtı 'erişim noktası' olarak bağlamanız (ve yapılandırmanız) gerekir.

- Güç kaynağını C150APM'nin arkasındaki güç bağlantısına ve boş bir duvar prizine takın. C150APM'nin ön tarafındaki Güç LED'i yanar.
- Ağ (LAN) kablosunu C150APM'nin arka panelindeki LAN bağlantı noktasına ve ağıınıza bağlayın. LAN LED'i yanar, bu da ağ kablosunun düzgün bağlandığını ve bağlantının etkin olduğunu gösterir.

Böylece C150APM ağıınızda 'erişim noktası' olarak çalışır hale gelir. C150APM'ye bir kablosuz istemci bağlamak için **bölüm 7**'ye geçin.

Not: Varsayılan olarak, C150APM'nin kablosuz ağ güvenliği WPA-PSK/WPA2-PSK (karma mod) şifreleme ile sağlanır. Bu da, kablosuz ağ güvenliğini manuel olarak sağlamak zorunda kalmayacağınız anlamına gelir. C150APM'nin (güvenlik) ayarlarını manuel olarak değiştirmek isterseniz, ürünle birlikte verilen CD-ROM'daki kullanıcı kılavuzuna (sadece İngilizce) müracaat edin.

4.2 Köprü modu

C150APM'yi, bir ağ donanımlı aygıtı (örneğin: ağ yazıcısı, ağ depolama aygıtı, mediaplayer veya oyun konsolu) bir kablosuz ağa bağlamak için kullanmak isterseniz, aygıtı 'köprü' olarak bağlamanız (ve yapılandırmanız) gerekir.

Not: C150APM'nin 'köprü' olarak ilk yapılandırılması için erişim noktasını mevcut ağıınıza (yönlendirici, switch vb.) veya doğrudan bilgisayarınıza bağlamanızı özellikle öneririz.

- Güç kaynağını C150APM'nin arkasındaki güç bağlantısına ve boş bir duvar prizine takın. C150APM'nin ön tarafındaki güç LED'i yanar.
- Ağ (LAN) kablosunu C150APM'nin arka panelindeki LAN bağlantı noktasına ve ağıınıza veya bilgisayarınıza bağlayın. LAN LED'i yanar, bu da ağ kablosunun düzgün bağlandığını ve bağlantının etkin olduğunu gösterir.

C150APM artık aktiftir ancak 'erişim noktası' modunda çalışır. C150APM'yi yapılandırmak amacıyla bilgisayarınızı hazırlamak için **bölüm 5**'e geçin. C150APM'yi 'köprü' modunda yapılandırmak için **bölüm 6**'ya geçin.

5. Bilgisayarın yapılandırılması

Erişim noktası sabit bir IP adresi ile yapılandırılır. Erişim noktasını yapılandırmak için bilgisayarınızın, erişim noktası ile aynı IP aralığındaki bir IP adresine sahip olması gerekir.

Not: Erişim noktasının sabit IP adresi: **192.168.0.2**

5.1 IP adresinin kontrol edilmesi

Bilgisayarınızın, erişim noktası ile aynı IP aralığındaki bir IP adresine sahip olup olmadığını Windows'un **'Command Prompt'** (Komut İstemi) ile kontrol edebilirsiniz. Bu örnek Windows 7 ve Vista Service Pack 1'e göre verilmiştir. Windows 7 ve Vista'nın, aşağıdaki adımları gerçekleştirmek için yönetici haklarına sahip olması gerekir.

- A. **'Start'** (Başlat), **'All Programs'** (Tüm Programlar), **'Accessories'** (Donatılar)'a tıklayın, **'Command Prompt'** (Komut İstemi) üzerine sağ tıklayın ve **'Run as administrator'** (Yönetici olarak çalıştır)'ı seçin.

Bir uyarı mesajı alırsanız **'Continue'** (Devam) veya **'Yes'** (Evet)'e tıklayarak kabul etmeniz gerekecektir.

Komut İstemi penceresi ekrana gelir. **'Command Prompt'** (Komut İstemi) başlık çubuğunda **"Administrator: Command Prompt (Yönetici: Komut İstemi)"** yazdığından emin olun. **"Administrator (Yönetici)"** yazmıyorsa, bu adımlar için gerekli yönetici haklarına sahip değilsiniz demektir ve **A** adımı tekrar gerçekleştirmeniz gerekir.

- B. **"IPCONFIG"** komutunu girin ve klavyenizde **"ENTER"** tuşuna basın.

```

Administrator: Command Prompt
C:\Windows\system32>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::41de:2c26:6398:a9f8%8
    IPv4 Address. . . . . : 192.168.0.100
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.0.1

Tunnel adapter Local Area Connection* 6:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

Tunnel adapter Local Area Connection* 7:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

C:\Windows\system32>
  
```

Aşağıdaki bilgileri görmelisiniz:

IPv4 Address (IPv4 Adresi) : **192.168.0.xxx** (buradaki xxx değeri 3 - 254 arasında değişebilir).
 Subnet Mask (Alt Ağ Maskesi) : **255.255.255.0**

Yukarıdaki bilgiler yapılandırmanızla eşleşiyorsa, **bölüm 5**'te erişim noktasının yapılandırılması konusunda geçebilirsiniz.

Yukarıdaki bilgiler yapılandırmanızla eşleşmiyorsa, erişim noktasını yapılandırmak için bilgisayarınıza erişim noktası ile aynı IP aralığında geçici olarak sabit bir IP adresi atamanız gerekir.

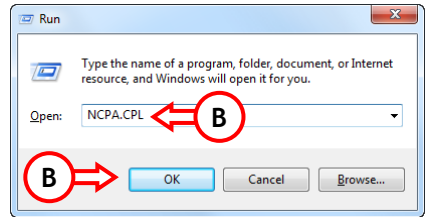
Bölüm 5.2'de sabit bir IP adresi yapılandırmak için gerekli adımları bulabilirsiniz.

5.2 Sabit bir IP adresinin yapılandırılması

Bilgisayarınızın IP adresi erişim noktası ile aynı IP aralığında değilse, bilgisayarınıza geçici olarak aynı IP aralığında sabit bir IP adresi atamanız gerekir.

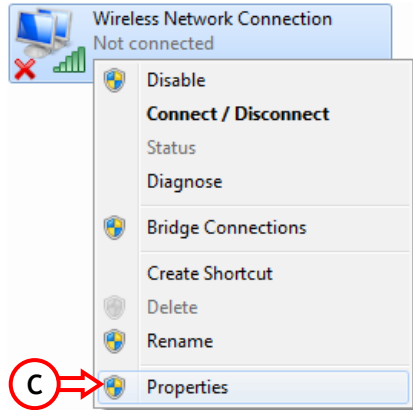
Aşağıdaki adımları izleyerek bilgisayarınıza sabit bir IP adresi atayabilirsiniz.

- A. 'Start' (Başlat)'a tıklayın, 'All Programs' (Tüm Programlar), 'Accessories' (Donatılar)'a gidin ve 'Run' (Çalıştır)'ı seçin.
- B. 'NCPA.CPL' komutunu girin ve 'OK' (Tamam) düğmesine tıklayın.



"Network Connections" (Ağ Bağlantıları) penceresi ekrana gelir.

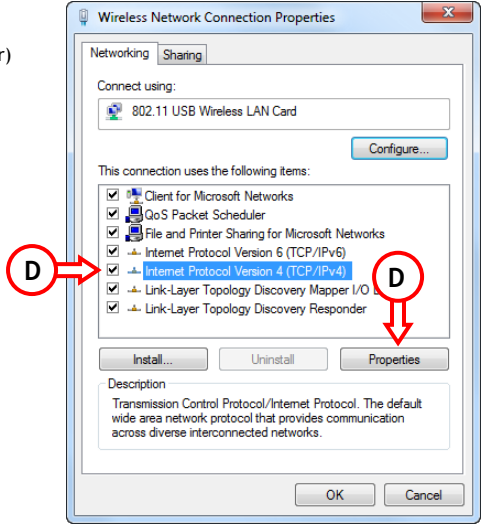
- C. 'Local Area Connection' (Yerel Ağ Bağlantısı) veya 'Wireless Network Connection' (Kablosuz Ağ Bağlantısı) üzerine (kullandığınız bağlantıya göre) sağ tıklayın ve 'Properties' (Özellikler)'i seçin.



TÜRKÇE

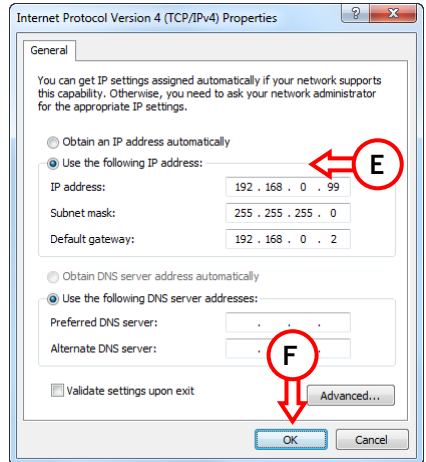
Yerel Ağ Bağlantınızın veya Kablosuz Ağ Bağlantınızın özellikler penceresi ekrana gelir.

- D. 'Internet Protocol Version 4 (TCP/IPv4)' (İnternet Protokolü sürüm 4 (TCP/IPv4)) seçeneğini seçin ve 'Properties' (Özellikler) düğmesine tıklayın.



İnternet Protokolü Sürüm 4 (TCP/IPv4) özellikler penceresi ekrana gelir.

- E. 'Use the following IP address:' (Aşağıdaki IP adresini kullan:) seçeneğini seçin ve ilgili alanlara aşağıdaki değerleri girin:
IP address: 192.168.0.99
Subnet mask: 255.255.255.0
Default gateway: 192.168.0.2
- F. Ayarları kaydetmek için 'OK' (Tamam) düğmesine tıklayın.
- G. Ayarları kaydetmek için 'İnternet Protokolü Sürüm 4 (TCP/IPv4) Özellikleri' penceresinde 'OK' (Tamam)'a tıklayın.



6. C150APM'nin 'köprü' modunda yapılandırılması

Bu bölümde C150APM'nin 'köprü' modunda nasıl yapılandırılacağı açıklanmaktadır.

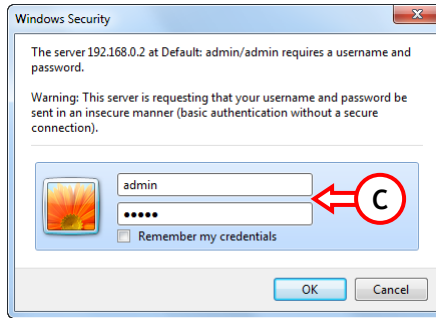
6.1 Oturum açma

C150APM'yi yapılandırmak için web tabanlı bir arabirim kullanılır. Bu da, C150APM'yi web tarayıcısı olan herhangi bir bilgisayardan yapılandırabileceğiniz anlamına gelir.

C150APM'ye oturum açmak için aşağıdaki adımları izleyin:

- A. Web tarayıcısını açın (örn: Internet Explorer, FireFox, Safari veya Chrome).
- B. Erişim noktasının IP adresini web tarayıcınızın adres satırına girin.
Varsayılan olarak : **http://192.168.0.2/**

Kullanıcı adı ve parola soran bir açılır pencere ekrana gelecektir.



- C. Kullanıcı adı ve parolayı yazdıktan sonra web tabanlı yapılandırmaya girmek için 'OK' (Tamam)'a tıklayın.
Varsayılan kullanıcı adı : **admin**
Varsayılan parola : **admin**

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Kullanıcı adı ve parola doğru olduğunda C150APM ana yapılandırma sayfası ekrana gelir:

CONCEPTRONIC®
Wireless Access Point

NetworkingCollection

- Home
- Basic Settings
- WPS Settings
- Advanced Settings
- Security Settings
- Radius Server
- MAC Filtering
- System Settings
- Manage Settings
- F/W Upgrade
- Restart

Status and Information

You can use this information to view the access point's up time, hardware version, firmware version, BSSID and MAC address.

System

Up time: 0day:0h:2m:57s
Hardware Version: Rev. A
Firmware Version: 1.08

Wireless Configuration

Mode: AP
ESSID: C150APM
Channel Number: 6
Security: WPA-shared key
BSSID: 00:22:17:1f:82:b8
Connected Clients: 0

LAN Configuration

IP Address: 192.168.0.2
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.0.1
MAC Address: 00:22:17:1f:82:b8

Ana sayfadan C150APM web yapılandırmasındaki seçeneklerden birini kolayca seçebilirsiniz:

- | | |
|---|---|
| - Home (Ana Sayfa) | : Ana yapılandırma sayfasını gösterir |
| - Basic Settings (Temel Ayarlar) | : Temel erişim noktası ayarları yapılır |
| - WPS Settings (WPS Ayarları) | : WPS ayarları yapılır |
| - Advanced Settings (Gelişmiş Ayarlar) | : Gelişmiş kablosuz ayarları yapılır |
| - Security Settings (Güvenlik Ayarları) | : Kablosuz güvenlik ayarları yapılır |
| - Radius Server (Radius Sunucusu) | : Radius sunucusu yapılandırma seçenekleri |
| - MAC Filtering (MAC Filtreleme) | : MAC filtreleme kurallarını etkinleştirir ve yapılandırır |
| - System Settings (Sistem Ayarları) | : C150APM'nin sistem ayarlarını yapar |
| - Manage Settings (Ayarları Yönet) | : Ayarlarınızı yedekler veya C150APM'yi varsayılan ayarlara getirir |
| - F/W Upgrade (Ürün Bilgisi Yükselt) | : Ürün bilgisini yükseltir |
| - Restart (Yeniden Başlat) | : Erişim noktasını yeniden başlatır |

Not: Bu hızlı kurulum kılavuzu sadece 'köprü' modu için gerekli ayarları ve 'erişim noktası' modu için temel ayarları açıklar. Diğer tüm seçenekler ürünle birlikte verilen CD-ROM'daki kullanıcı kılavuzunda (sadece İngilizce) açıklanmıştır. Otomatik çalıştırma menüsünün ekrana gelmesini bekleyin ve 'View User Manual' (Kullanıcı Kılavuzunu Görüntüle)'yi seçin.

6.2 Bir köprü bağlantısı oluşturma

Bu bölümde, bir köprü bağlantısı için yapılandırma gerektiren C150APM'nin ayarlarını adım adım nasıl yapacağınız açıklanmıştır.

Not: C150APM'yi 'köprü' modunda yapılandırmaya başlamadan önce, mevcut kablosuz ağınıza ait aşağıdaki bilgilere ihtiyacınız vardır:

- Network name (SSID) (Ağ kimliği)
- Kullanılan şifreleme türü
- Şifreleme anahtarı / parola

A. Web yapılandırma sayfasının sol menüsünden 'Basic Settings' (Temel Ayarlar)'a tıklayın.

"Basic Settings" (Temel Ayarlar) sayfası ekrana gelir.

B. 'Mode' (Mod) ayarını 'Station-Infrastructure' (İstasyon-Altyapı) olarak değiştirin.

C. Mevcut kablosuz ağınıza bulmak için 'Select Site Survey' (Site Araştırması Seç) düğmesine tıklayın.

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Açılır bir pencerede “Wireless Site Survey” (Kablosuz Site Araştırması) altında bölgenizde bulunan tüm ağlar gösterilir.

Wireless Site Survey

This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when client mode is enabled.

Select	Channel	SSID	BSSID	Encryption	Authentication	Signal	Mode
☐	1	C300APRA2+	00:22:F7:02:44:CF	TKIP	WPAPSK	100	11b/g/n
☒	6	C150BRS4	00:22:F7:5D:31:1C	AES	WPAPSK	100	11b/g/n

RefreshConnection

Not: Mevcut kablosuz ağınız gösterilmiyorsa menzil dışında, kapalı veya gizli olabilir. Mevcut kablosuz ağınızın çalışır durumda olup olmadığını kontrol edin ve kablosuz ağları tekrar taramak için ‘Refresh’ (Yenile) düğmesini kullanın. Kablosuz ağınız gizliyse, “Wireless Site Survey” (Kablosuz Site Araştırması)’nda gösterilmez. Bu durumda, “Wireless Site Survey” (Kablosuz Site Araştırması) penceresini kapatın ve “Basic Settings” (Temel Ayarlar) sayfasında ‘MAIN ESSID’ alanına tam ağ adını girin.

D. Bağlanmak istediğiniz mevcut kablosuz ağınızı seçin ve ‘Connection’ (Bağlantı) düğmesine tıklayın.

“Wireless Site Survey” (Kablosuz Site Araştırması) açılır penceresi kapatılır ve seçilen kablosuz ağ adı “Basic Settings” (Temel Ayarlar) sayfasındaki ‘MAIN ESSID’ alanında gösterilir.

E. Ayarları uygulamak için ‘Apply’ (Uygula) düğmesine tıklayın.

Settings saved successfully.

Click on the “Continue” button to continue configuring other settings or click on the “Apply” button to restart the access point to make the changes take effect

ContinueApply

Not: C150APM’nin yapılandırmasındaki ayarları değiştirirken şu iki seçenek arasında seçim yapmanız istenir:

- **Continue (Devam)** : Değişiklikleri yapmaya devam et (değişiklikler bellekte henüz kaydedilmez).
- **Apply (Uygula)** : Tüm değişiklikleri belleğe kaydederek uygula ve C150APM’yi yeniden başlat.

F. Ayarları değiştirmeye devam etmek için ‘Continue’ (Devam) düğmesine tıklayın.

G. Web yapılandırma sayfasının sol menüsünden 'Security Settings' (Güvenlik Ayarları)'na tıklayın.

"Security Settings" (Güvenlik Ayarları) sayfası ekrana gelir.

H. 'Encryption' (Şifreleme) açılır menüsünde mevcut kablosuz ağınız için kullanılan şifreleme türünü seçin.

Mevcut kablosuz ağınızın güvenliği WPA ile sağlanıyorsa:

- "WPA Unicast Cipher Suite" (WPA Tek Yönlü Şifre Paketi) bölümünde WPA güvenlik türünü seçin.
- "Pre-shared Key Format" (Önceden Paylaşılmış Anahtar Biçimi) bölümünde şifreleme anahtarının türünü seçin.
- "Pre-shared Key" (Önceden Paylaşılmış Anahtar) bölümünde şifreleme anahtarını girin.

Mevcut kablosuz ağınızın güvenliği WEP ile sağlanıyorsa:

- "Key Length" (Anahtar Uzunluğu) bölümünde şifreleme anahtar uzunluğunu seçin.
- "Key Format" (Anahtar Biçimi) bölümünde karşılık gelen anahtar biçimini seçin.
- "Encryption Key" (Şifreleme Anahtarı) bölümünde şifreleme anahtarını girin.

I. Ayarları uygulamak için 'Apply' (Uygula) düğmesine tıklayın.

Settings saved successfully.

Click on the "Continue" button to continue configuring other settings or click on the "Apply" button to restart the access point to make the changes take effect

Continue

Apply

TÜRKÇE

Not: C150APM'nin yapılandırmasındaki ayarları değiştirirken şu iki seçenek arasında seçim yapmanız istenir:

- **Continue (Devam)** : Değişiklikleri yapmaya devam et (değişiklikler bellekte henüz kaydedilmez).
- **Apply (Uygula)** : Tüm değişiklikleri belleğe kaydederek uygula ve C150APM'yi yeniden başlat.

J. Ayarları belleğe kaydetmek için '**Apply**' (Uygula) düğmesine tıklayın ve C150APM'yi yeniden başlatın.

Access point is being restarted! Please wait for the restart to complete.

OK(28)

Yeniden başlatma sırasında, '**OK**' (Tamam) düğmesi silikleşir ve bir geri sayma zamanlayıcısı gösterir. Yeniden başlatma işlemi tamamlandığında, C150APM'nin web yapılandırmasına dönmek için '**OK**' (Tamam)'a tıklayın.

Böylece '**köprü**' modu yapılandırması tamamlanmış olur. Artık C150APM'nin bilgisayarınızla olan bağlantısını kesebilir ve köprüyü yapılandırdığınız ağ aygıtına bağlayabilirsiniz.

Not: Bilgisayarınıza **bölüm 5.2'**de geçici bir sabit IP adresi atadıysanız, bilgisayarınızı orijinal ayarlarına getirmeniz gerekir. **Bölüm 5.2'**deki adımları izleyebilirsiniz. **E adımı**nda, '**Obtain an IP address automatically**' (Otomatik olarak bir IP adresi al) seçeneğini seçin.

***Conceptronic 150N Kablosuz Erişim Noktanız
kablosuz köprü olarak kullanıma hazırdır!***

7. Kablosuz ağ bağlantısı

C150APM'ye kablosuz bağlanmak için iki farklı yol vardır:

- Manuel olarak.
- WPS işlevini kullanarak otomatik.

! ÖNEMLİ NOT!

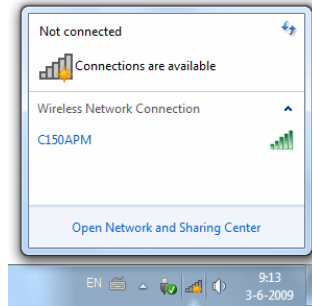
C150APM'nin güvenliği varsayılan olarak WPA-PSK/WPA2-PSK (karma mod) şifreleme ile sağlanmaktadır. Benzersiz WPA parolası C150APM'nin altında yer alan ürün etiketinde bulunabilir.

Hemen hemen tüm marka/tür kablosuz kartlar farklı bir istemci uygulaması kullanır. Lütfen kablosuz ağ bağlantısının nasıl oluşturulacağı ile ilgili bilgi için kablosuz ağ kartınızın kullanım kılavuzuna müracaat edin.

7.1 Windows 7'de manuel bağlantı

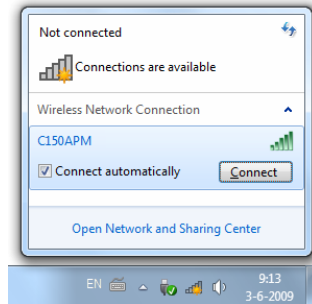
Aşağıdaki örnekte Windows 7'de tümleşik “Connect to a Network” (Bir Ağa Bağlan) seçeneği kullanılmıştır.

- A Kullanılabilir kablosuz ağ bağlantılarının listesini görüntülemek için görev çubuğundaki ‘Network’ (Ağ) simgesine tıklayın.



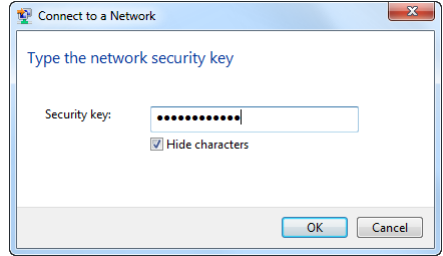
- B Listedeki “C150APM” ağını seçin ve ‘Connect’ (Bağlan) düğmesine tıklayın.

Varsayılan olarak “Connect automatically” (Otomatik olarak bağlan) seçeneği işaretlidir. Böylece bilgisayarınızı her açtığınızda bağlantının otomatik olarak yapılması sağlanmış olur. Bunu istemiyorsanız, ‘Connect’ (Bağlan) düğmesine tıklamadan önce bu seçeneğin işaretini kaldırın.

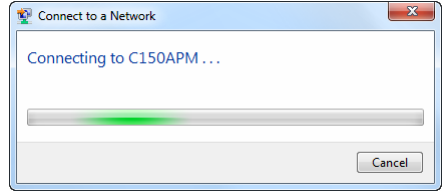


TÜRKÇE

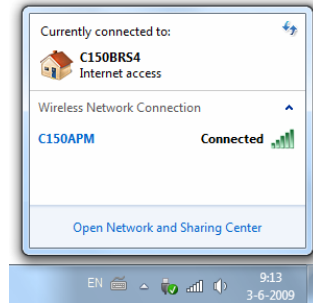
- C “Security key” (Güvenlik anahtarı) alanına varsayılan WPA parolasını (C150APM'nin alt tarafında yazılıdır) girin ve ‘OK’ (Tamam) düğmesine tıklayın.



- D İstemci, kablosuz ağa bağlanmaya başlayacaktır.



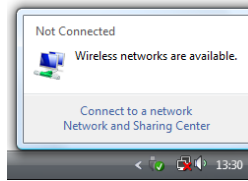
- E Kablosuz bağlantının durumunu kontrol etmek için, görev çubuğundaki ‘Network’ (Ağ) simgesi üzerine tıklayabilirsiniz. Hangi ağa bağlı olduğunuzu, sahip olduğunuz erişimi ve bağlantının sinyal gücünü görebilirsiniz.



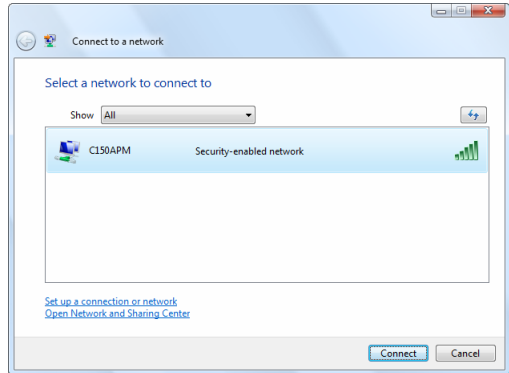
7.2 Windows Vista'da manuel bağlantı

Aşağıdaki örnekte Windows Vista Service Pack 1'de tümleşik **“Connect to a Network”** (Bir ağa bağlan) seçeneği kullanılmıştır.

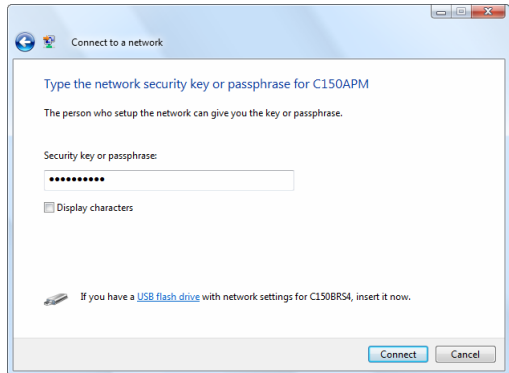
- A** Sistem tepsisindeki **‘Network’** (Ağ) simgesine ve **“Wireless networks are available”** (Kablosuz ağlar var) yazısı üzerine tıklayın.



- B** Listeden **“C150APM”** ağını seçin ve **‘Connect’** (Bağlan) düğmesine tıklayın.

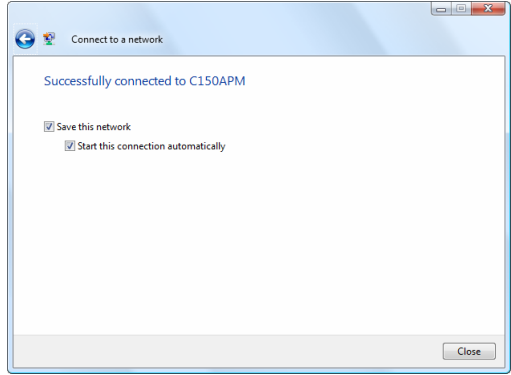


- C** **“Security key or passphrase”** (Güvenlik anahtarı veya parola) alanına varsayılan WPA parolasını (C150APM'nin alt tarafında yazılıdır) girin ve **‘Connect’** (Bağlan) düğmesine tıklayın.

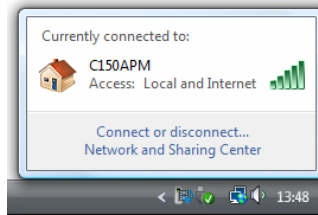


TÜRKÇE

- D Bağlantı gerçekleştirildiğinde, ağı kaydetmeyi seçebilir ve bilgisayarınızı her açışta bu ağı otomatik olarak başlatabilirsiniz. Bağlantı sihirbazından çıkmak için 'Close' (Kapat) düğmesine tıklayın.



- E Kablosuz bağlantının durumunu kontrol etmek için, sistem tepsisindeki 'Network' (Ağ) simgesi üzerine tıklayabilirsiniz. Hangi ağı bağlı olduğunuzu, sahip olduğunuz erişimi ve bağlantının sinyal gücünü görebilirsiniz.



7.3 WPS kullanarak otomatik bağlantı

Conceptronic C150APM, WPS (Wi-Fi Protected Setup-Kablosuz Korumalı Kurulum)'u destekler. WPS, kablosuz ağların kolay ve güvenli bir biçimde oluşturulması için kullanılan bir standarttır. WPS ile kablosuz ağınıza birkaç kolay adımda kurabilir ve koruyabilirsiniz.

Not: WPS'yi C150APM ile kullanmak için, WPS desteği olan kablosuz bir istemciye sahip olmanız gerekir. WPS desteği olmayan bir veya daha çok kablosuz istemcilere sahipseniz, alt kısımda bahsedilen ön yapılandırılmalı WPA anahtarını kullanarak C150APM'ye manuel olarak bağlanmanız önerilir. Kablosuz ağa manuel olarak nasıl bağlanacağınız ile ilgili olarak **bölüm 7.1** veya **7.2'**ye bakın.

Not: WPS hakkında daha fazla (teknik) bilgi için, aşağıdaki web sitesini ziyaret edin:
http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup

C150APM, bir WPS bağlantısını etkinleştirmek ve oluşturmak için iki yol kullanır:

- **Puş Buton teknolojisi**
- **PIN Kodu teknolojisi**

WPS - Push Button (Puş Buton) teknolojisi

WPS Puş Buton teknolojisi, C150APM ve kablosuz istemci arasında bir bağlantı oluşturmak için kablosuz istemcide bir (sanal) butona ihtiyaç duyar. Bazı kablosuz istemciler WPS Puş Buton teknolojisini etkinleştirmek için gerçek bir buton kullanır; diğer kablosuz istemciler yazılımlarında sanal buton kullanırlar.

Puş Buton teknoloji bir WPS bağlantısı oluşturmak ve etkinleştirmek için aşağıdaki adımları izleyin:

- A.** C150APM'nin arkasındaki WPS düğmesine basın, WLAN/WPS LED'i sabit olarak yanacak ve WPS kimlik doğrulamasının başladığını gösterecektir.
- B.** Kablosuz istemcideki WPS butonuna basın. Bu buton, donanımsal bir buton ya da kablosuz istemcinin yazılımındaki sanal bir buton olabilir.

Not: C150APM tarafından WPS kimlik doğrulama işlemi 120 saniye boyunca aktif tutulacaktır. Bu işlem sırasında WLAN/WPS LED'i sabit olarak yanacaktır. 120 saniye içinde WPS bağlantısı kurulamazsa, LED orijinal durumuna döner ve WPS kimlik doğrulaması durdurulur.

WPS kimlik doğrulaması başarılı olursa, WLAN/WPS LED'i orijinal durumuna döner.

Kablosuz istemci böylece C150APM'nin güvenli kablosuz ağına bağlanmış olur. Önceden bağlanan kablosuz istemcilerle olan bağlantınızı kaybetmeden daha fazla kablosuz istemci eklemeniz mümkündür. Daha fazla kablosuz istemci eklemek isterseniz, **A** ve **B** adımlarını tekrarlayın.

TÜRKÇE

WPS - PIN Kodu teknolojisi

Kablosuz istemci WPS'yi destekliyorsa fakat (sanal) Puş butona sahip değilse, WPS bağlantısı oluşturmak için PIN Kodu teknolojisini kullanabilirsiniz.

Not: WPS PIN Kodu işlevini etkinleştirmek için, C150APM'ye kablolu olarak bağlı bir bilgisayara ihtiyacınız olacaktır.

- A. Bölüm 6.1'de açıklandığı gibi web arabirimine oturum açın.
B. Önce 'General Setup' (Genel Kurulum)'u, ardından 'Wireless' (Kablosuz)'u ve 'WPS'yi seçin.

"WPS" yapılandırma sayfası ekrana gelecektir.

WPS ⓘ

This page allows you to change the setting for WPS (Wi-Fi Protected Setup). WPS can help your wireless client automatically connect to the Wireless Router.

☒ Enable WPS

WPS Information

WPS Status : Configured
PIN Code : 20615048
SSID : C150BRS4
Authentication Mode : WPA pre-shared key
Passphrase Key : *****

Device Configure

Config Mode : Registrar ▼
Configure by Push Button : **Start PBC**
Enter Client PIN Code : **Start PIN**

WPS yapılandırma sayfasında, sanal 'Push Button' veya 'PIN Code' kimlik doğrulamasını tetikleyebilirsiniz. 'PIN Code' kimlik doğrulaması 2 farklı şekilde başlatılabilir:

1. Kablosuz istemci PIN kodunu sağlar, bu kod yönlendiriciye girilecektir.
Bu durumda, kablosuz istemci 'Enrollee' (Kaydolan) ve yönlendirici 'Registrar' (Kaydeden) olacaktır.
- A. Kablosuz istemciyi başlatın ve aşağıdaki örnekte gösterildiği gibi sağlanan PIN kodunu arayın:

WPS Feature

SSID	BSSID	Ch...	ID	Auth...	Encr...	Authentication...
C150BRS4	00:22:F7:5...	6		WEP	WPA...	

Rescan Connect Disconnect Delete

Config Mode: Enrollee ▼

PIN ☒ WPS Associate IE

PBC ☒ WPS Probe IE WPS status is not used

Pin Code: 67095834 Renew

Device Configure

Config Mode : Registrar

Configure by Push Button : Start PBC

Enter Client PIN Code : 67095834 Start PIN

- B. WPS yapılandırma sayfasındaki “Config Mode” ayarının ‘Registrar’ yapıldığından emin olun.
- C. Kablosuz istemciniz tarafından verilen PIN Kodunu “Enter Client PIN Code” alanına girin.
- D. ‘Start PIN’ düğmesine tıklayın.

C150APM, verilen PIN kodu ile 120 saniye boyunca gelen bağlantılar için WPS kimlik doğrulamasını aktif tutacaktır.

- E. Kablosuz istemcinizde PIN kodu bağlantısını başlatın.

Kablosuz istemciniz böylece C150APM’nin güvenli kablosuz ağına bağlanacaktır. Bağlantı kurulduğunda, C150APM WPS kimlik doğrulama kontrolünü durdurur ve WPS yapılandırma sayfasındaki WPS Durumu “Configured” (Yapılandırıldı) olarak ayarlanır.

WPS Information

WPS Status : Configured

WPS özellikli daha fazla Kablosuz İstemci eklemek isterseniz, A ile E adımlarını tekrarlayın.

2. Yönlendirici PIN kodunu sağlar, bu kod kablosuz istemciye girilecektir. Bu durumda, yönlendirici ‘Enrollee’ (Kaydolan) ve kablosuz istemci ‘Registrar’ (Kaydeden) olacaktır.

- A. WPS yapılandırma sayfasında “Config Mode” seçeneğini ‘Enrollee’ olarak ayarlayın ve “PIN Code” bölümünde bahsedilen PIN kodunu yazın.
- B. ‘Start PIN’ düğmesine tıklayın.

C150APM, üretilen PIN kodu ile 120 saniye boyunca gelen bağlantılar için WPS kimlik doğrulamasını aktif tutacaktır.

- C. C150APM tarafından sağlanan PIN kodunu kablosuz istemci yazılımınıza girin, kablosuz istemci yazılımını ‘Registrar’ (Kaydeden) olarak ayarlayın ve PIN kodu bağlantısını başlatın.

Kablosuz istemciniz böylece C150APM’nin güvenli kablosuz ağına bağlanacaktır. Bağlantı kurulduğunda, C150APM WPS kimlik doğrulama kontrolünü durdurur ve WPS yapılandırma sayfasındaki WPS Durumu “Configured” (Yapılandırıldı) olarak ayarlanır.

WPS Information

WPS Status : Configured

WPS özellikli daha fazla Kablosuz İstemci eklemek isterseniz, A ile C adımlarını tekrarlayın.

8. Gelişmiş yapılandırma ayarları

Bu hızlı kurulum kılavuzunda C150APM'yi hazırlama ve çalıştırma ile ilgili temel ayarlar açıklanmaktadır. Gelişmiş ayarlar veya daha ayrıntılı bilgi için, lütfen birlikte verilen ürün CD-ROM'undaki kullanıcı kılavuzuna (Sadece İngilizce) bakın.

Ürün CD-ROM'unu optik sürücünüze yerleştirin, otomatik çalıştırma menüsünün ekrana gelmesini bekleyin ve **'View User Manual' (Kullanıcı Kılavuzunu Görüntüle)**'yi seçin.

Not: Kullanıcı kılavuzunu görüntülemek için, Adobe Reader programının kurulu olması gerekir. Bu program bilgisayarınızda yüklü değilse, otomatik çalıştırma menüsünden **'Install Adobe Reader' (Adobe Reader Programını Kur)** seçeneğini seçebilirsiniz.

***Conceptronic 150N Kablosuz Erişim Noktası
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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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