## Conceptronic CBRIDGE20 USER'S MANUAL



## Two options are available to install the device:

- 1. Conceptronic USB Filetransfer Cable (\*)
- 2. Conceptronic USB Network Filetransfer (\*)

During the installation you can choose one.

1. Choose this option, if you want to make a host-to-host connection (file transfer only)

2. Choose this option, if you want to make a host-to-host network connection.

Be aware, it is not possible to install both options at the same time.

## Application and driver installation

The Application is only installed, when the option Conceptronic USB Filetransfer Cable is selected. Note: Do not plug the CBRIDGE20 Cable to the computer, until the software is installed.

Insert the CD-ROM into the CD-ROM drive. The autorun Conceptronic menu will appear. If the autorun Conceptronic menu not appears, you can run autorun.exe from the CD-ROM by way of the explorer.

Pictures used are based on the 'Conceptronic USB Filetransfer Cable.' The installation steps for the 'Conceptronic USB Network Filetransfer' are the same.

You can always switch from option 1 to option 2, or from option 2 to option 1. (\*)





Installation Wizard	
Please specify the language during installation	<b>N</b>
English	
Installation	Cancel

Installation Wizard
Please choose the installation type:
Available Type:
Conceptronic USB Filetransfer Cable
C Conceptronic USB Network Filetransfer
Installation
Next Cancel

Choose between the two options The selected option must be the same at both computers. Where the Conceptronic CBRIDGE20 will be installed at.



If this message does appear then the Conceptronic CBRIDGE20 Cable is already connected. Please unplug the Conceptronic CBRIDGE20 Cable. Click 'OK' and restart the installation.



Keep the

default location.

Installation Wizard	
Welcome to install Conceptroni Filetransfer Cable	c USB
C:\Program Files\Conceptronic USB Filetrans	change directory



Installation Wizard	
Welcome to install Conceptronic USB Filetransfer Cable	
Installation	
Installation finished. Please plug the device,enjoy USB!	

! Remove the CD-ROM from the CD-ROM Drive

Insert the Conceptronic CBRIDGE20 Cable into a free USB port.









## Switching from installation type:



Please re-run the installation.

Note: If the Conceptronic CBRIDGE20 is already connected, please unplug it and run the autorun.exe file from the CD-ROM.



Installation	Wizard		
Please sp installatio	ecify the langua n	ge during	
English	•		
Installation		[	Conset
		[Next	Lancel



Installation Wizard	
Please choose the installation type:	
Available Type:	
C Conceptronic USB Filetransfer Cable	
Conceptronic USB Network Filetransfer	
Installation	
Next	Cancel
Next	Cancel



Keep the default location.





! Remove The Concept of Global Communication the CD-ROM from the CD-ROM Drive.

Installation	Wizard		
Welcome Network	to install Conce Filetransfer Cabl	pt <mark>ronic USB</mark> e	
Installation Installation finis Please plug the	hed. e device,enjoy USB!	[Finish]	

Insert the Conceptronic CBRIDGE20 Cable into a free USB port.







Found New Hardware W	izard	CONCEPTRONIC The Concept of Global Communication
	Completing the Found New Hardware Wizard	
	The wizard has finished installing the software for:	
1 Call	Conceptronic USB Network Filetransfer Cable	
THE THE		
and the second		
	Click Finish to close the wizard.	
	< <u>B</u> ack Finish Cancel	

## USB2.0 Super-Link Software Utilities Manager usage

Super-Link software application is like windows file manager. Users can use same function key to cut/copy/paste/delete target files and folders just like using windows file manager.

## Disk utility edit service

- Cut (Ctrl+X)
- Copy (Ctrl+C)
- Paste (Ctrl+V)
- Delete (Ctrl+D)
- New Folder (Ctrl+N)
- Select All (Ctrl+A)

- Mouse's drag and drop (To move an item on the screen by selecting the item and then pressing and holding down the mouse button while moving the mouse).

## User interface introduction

## A. Connect and open remoter.

Only "Local computer" will be shown up if doesn't connect to remote computer, and application



will keep auto-monitor whether the remoter is connected.

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Remote Computer will be show up automatic while both-side computers are connected.



and the second proceeding which is a second	isfer Cable - Local Comp	uter				
<u>File E</u> dit <u>V</u> iew <u>W</u> indow <u>H</u> elp						
X 🖻 🖻 🤶						
🔛 Local Computer						
- S MY Computer	Name	Size	Modified Time	Attribute		
± A: ± C:						
🗄 🔜 D:						
±E ::E						
Remote Computer USE	HIGH SPEED					
🖃 🔜 Remote Root	Name	Size	Modified Time	Attribute		
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User can also use function selection "**Open remote** (**F12**) "to open the remote.

## **B.** Copy/delete/cut/paste function key

User can use function key or mouse's drag and drop to copy/delete/cut/paste target files or

Edit View Window Hel	р				
Refresh Ctrl+R					
Cut Ctrl+X					
Copy Ctrl+C		r	1	<b>T</b>	
Paste Ctrl+V	Name	Size	Modified Time	Attribute	
Delete Ctrl+D	STMAGIC.PQ		2003-7-30 14:48		
New Folder Ctrl+N	Conceptronic		2003-7-30 13:31		
Colore all Colore	<ul> <li>Documents and Settings</li> </ul>		2003-7-11 15:39		
Select All Ctri+A	FOUND.000		2003-7-11 16:15	HS	
(±) and F:	🛍 Program Files		2003-7-11 16:00	R	
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	WINDOWS		2003-7-11 15:35		
	🛍 WUTemp		2003-8-08 10:31		
	E AUTOEXEC.BAT	0	2003-7-11 16:02	A	
	Jensie i	546			
Remote Computer	JSB HIGH SPEED				
	Name	Size	Modified Time	Attribute	
🕀 🋍 Drivers	Drivers		2003-5-05 12:13		
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test files	🛋 test files		2003-5-19 14:35		
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m me.					

folders, actually, it's just like windows file manager.

## Example-1 : Copy file.



Copying		X
<b>(</b>		
Eci11t.ex	ĸe	
Copying Files From Remote:	To Local:	
А., С.	C:\	
		0%
		Cancel

Example-2 : User can also create a target folder both in remoter/local computers. Select "**New Folder**" item to build up a folder which user want to manage his files.

	Edit View	Window Help	)				
	Refresh	Ctrl+R	1				
	Cut	Ctrl+X					
	Сору	Ctrl+C					
	Paste	Ctrl+V	Name	Size	Modified Time	Attribute	
	Delete	Ctrl+D	ETMAGIC.PQ		2003-7-30 14:48		
ľ	New Folde	er Ctrl+N	Conceptronic		2003-7-30 13:31		
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Fill in the target folder's name, and the target folder is built.

Create New Folder		
Please enter the name	e of the folder :	
ОК	Cancel	

## C. Check the interface version of USB2.0 Super Link Cable.

Click the "**Help**" selection or "**Question mark**" item, and the version information will be shown up.



About Conceptronic USB Filetransfer Cable
Conceptronic USB Filetransfer Cable Version 1.20 (Unicode)
Copyright (C) 2002



Peer-to-Peer File-Sharing with Virtual-Network connection. For Windows 98SE/ME/2K/XP, both sides setting are the same. Steps by Steps to enable Internet Connection sharing on a network connection:

## A. Manual IP addresses setting.



Step 1: Open Network Connections (Click Start -> Control Panel -> Network and DIAL up Connections. Click Local Area Network Connections.) Click 'Properties'.

- 🗆 × 🛍 Ne -Q Address Network and Die ? X • 🖓 😡 General <u>\_</u> Connect using 6 Network and Dia USB Virtual Network Adapter #2 up Connections ly Netv Place Configure Components checked are used by this con Local Area Connection 100 Elient for Microsoft Networks
 Ele. and Printer Sharing for Micro Type: LAN Connection Status: Enabled Internet Protocol (TCP/IP) USB Virtual Network Adapter Install... Uninstall Properties Interne Explore - Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks. Conne the Int Show icon in taskbar when connected 22 OK Cancel Shortcut Superlir USB Virtual Network Adapter #2 😰 Network and Dial-u... | Local Area Connection ... | Local Area Connecti... | 🥵 🌾 6:12 PM 🏨 Start 🛛 🔏 🍪 🖄 🚹 Paint

**Step 2:** Select '**Internet Protocol** (**TCP/IP**)', click '**Properties**'.







Step 3: Fill inThe Concept of Global Communicationdefault IP address value: '169.254.x.x', click'OK'.

**Step 4:** Check the connection information to verify whether IP address setting is ok.



**Step 5:** Or use windows command prompt: connection status.



command prompt: '**IPCONFIG'** to check the connection status



**Step 6:** Another connection of Virtual-Network setting in another computer is the same. User can use '**My Network Places**' and '**Search for computer**' to find the other connected computer.



Step 7: Fill in **CONCEPTRONIC** the computer The Concept of Global Communication name, to search the other computer in the network.

## **B.** Auto-detected IP address setting

Two computers share in internet resource with Conceptronic USB Network Filetransfer Virtual-Network connection.

For Win98SE/ ME/ 2000/ XP.

Wait for Windows while it is assigning an IP address about 2~3 minutes while connected. And the following steps are same as manual IP address setting.



## **Setup A:** computer which is external internet connection.(LAN or Modem)

**Step 1:** Enable the local connection(internet connection), click 'Properties' to setup internet sharing.





Step 2: select "Sharing" and



"Sharing" and The Concept of Globol Communication click "Enable Internet Connection Sharing for this connection "and click "OK"

**Step 3:** Windows will force to assign a default IP addres: 192.168.0.1 to confirm sharing, click '**Yes**'.





My Documents	General Sharing	
and the second second	Connect L Internet Protocol (TCP/IP) Properties	
	B US General	
My Computer	You can get IP settings assigned automatically if your network supports	
1	Component this capability. Utherwise, you need to ask your network administrator for the appropriate IP settings.	
My Network		
Places	C Use the following IP address:	
4	IP address: 192 . 168 . 0 . 2	
	(178 Subnet mask: 255 . 255 . 255 . 0	
Recycle Bin	Descript Default gateway: 192.168.0.1	
17 M	Transm wide at	
e	across C Obtain DNS server address automatically	
Internet	Show	
Explorer	Preferred DNS server:	
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Connect to		
the Internet	Advanced	
2		
Shortcut to	OK Cancel	
Superlink		
Start [	🖞 🍘 🖏 🗍 🖻 Network an 🛛 🔊 Welcome to 🤇 🕄 Search Res 🛛 Local Area Con 🛛 Local Area Co	🗏 🍕 📲 7:03 PM

# **Setup B:** Computer which is only having a local connection with A-computer.

**Step1:** Enable the local connection Conceptronic USB Network Filetransfer properties to setup the suitable IP address/ Subenet mask and gateway.

IP address: **192.168.0.x** Subnet mask: **255.255.255.0** Default gateway: **192.168.0.1** 





routes are configured automatically.

#### Step2: Do

The Concept of Global Communica not forget to set the correct Internet connection settings, which should be same as A-computer.

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Step3: B-computer is available to share the internet resource from A-computer.

## Note General Internet setting for Peerto-peer internet connection sharing

- a) User must be logged on as an administrator or a member of the Administrators group in order to complete this procedure.
- b) Under Internet Connection Sharing, in Home networking connection, select any adapter that connects the computer sharing its Internet connection to the other computers on user's network.
- c) When user runs the **Network Setup** Wizard and enables Internet **Connection Sharing**, certain protocols, services, interfaces, and

The following describes these configured items.



The Concept of Global Cor	mmunication
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Configured item	Action
IP address 192.168.0.1	Configured with a subnet mask of 255.255.255.0 on the LAN adapter that is connected to the home or small office network.
Autodial feature	Enabled.
Static default IP route	Created when the dial-up connection is established.
Internet Connection Sharing service	Started.
DHCP allocator	Enabled with the default range of 192.168.0.1 and a subnet mask of 255.255.255.0. Unique addresses in the range 192.168.0.2 to 192.168.0.254 are allocated to private network clients.
DNS proxy	Enabled.

If Internet Connection Sharing is enabled on a LAN connection, TCP/IP and a default gateway must be configured for that LAN connection. The IP address for this interface can be static or dynamic (when using. DHCP.)

For example:



- d) To enable Internet Connection Sharing (ICS) Discovery and Control on Windows 98, Windows 98 SE, and Windows Millennium Edition computers, run the **Network Setup Wizard** from the CD or floppy disk on these computers.
- e) For ICS Discovery and Control to work on Windows 98, Windows 98 Second Edition, and Windows Millennium Edition computers, Internet Explorer version 5.0 or later must be installed.
- f) Internet Connection Sharing is not available on Windows XP 64-Bit Edition.

Three or more computers share in internet resource with Conceptronic CONCEPTRONIC USB Network Filetransfer. Bridge-computers are for Windows XP only, other local computers are for Windows98SE/ ME/ 2000 and XP.

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Setup Bridge-computer which is connected 2 or more local connections of USB2.0 Super Link Cable Virtual-Network.



🏷 🌉 🍓 4:49 PM

Processor

📕 Device Manager

2.htm

🐴 start

Sound, video and game controllers W Sound, video and
 Storage volumes

5632-106



2. Open Network Connections (Click Start, click Control Panel, click Network and Internet Connections. and then click Network Connections). Under LAN or High-Speed Internet select each of the private network connections that you want to be part of the bridge. Right-click one of the highlighted private network connections, and then click Bridge Connections.

3. IP address setting is same as Peerto-peer internet resource sharing. User have to manual fill into correctly value of bridge connection. IP address: 192.168.0.x Subnet mask: 255.255.255.x Default gateway: 192.168.0.1

Setup first computer which is connected to internet service to share resource to bridge computers or other

S Network Connections File Edit View Favorites Tools Advanced Help 🕝 Back 🔹 🕥 - 🎓 🔎 Search 🍺 Folders 🔳 Address 🔕 Network Connections 💌 🛃 Go LAN or High-Speed Interne • Network Tasks ocal Area Connection Create a new connection wer Enh ton CheetabPo Set up a home or small office network 2 Repair the selected connections Recycle Bin Repa \* Other Places Control Panel My Network Places A My Documents 1 My Computer 1 1 nsli.exe 2.htm 🛛 🦉 b-1.JPG - Paint Network Connection 🍓 🏷 🍓 4:51 PM 🛃 start

USB

local computer.

1

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Actually, the setup method is same as peer-to-peer internet service sharing.

The setup method is same as peer-to-peer internet service sharing.

Setup other local computers that wonder sharing the internet resource via bridge computers.

## Note: General setting for 3 or more local connections of computers for sharing Internet service.

a) User must be logged on as an administrator or a member of the Administrators group in order to complete this procedure.

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- b) User must select at least two eligible network connections in order for **Bridge Connections** to create a bridge.
- c) Only Ethernet, IEEE-1394 adapters, Conceptronic USB Network Filetransfer, or Ethernet compatible adapters such as Wireless and home phone-line adapters (HPNA), can be part of the network bridge.
- d) User cannot create a bridge connection on a computer running Windows 2000 or earlier versions of Windows.
- e) If you remove adapters from the network-bridge, and less than two adapters remain, Network Bridge will not perform its intended function, but it will continue to use system resources.
- f) Network bridges with Conceptronic USB Network Filetransfer connection support traffic using Internet Protocol version 4 (IPv4) only.
- g) Network Bridge is not available on Windows XP 64-Bit Edition.

#### ANNEX-A Allowing Internet Gaming on Your Network

To run Internet games between computers through Conceptronic USB Network Filetransfer and computers on the Internet, you must ensure that the Internet game traffic is forwarded by the network that are between your Conceptronic USB Network Filetransfer and the Internet. If the network between your Conceptronic USB Network Filetransfer and the Internet is a computer running Windows XP and Internet Connection Sharing, you must configure Internet Connection Sharing settings to pass the game traffic.

If the network device is a firewall or security gateway, it must be configured to pass the game traffic between your Conceptronic USB Network Filetransfer and the Internet. In this case, contact your network administrator who will identify the specific type of traffic used by the Internet game and configure the firewall to forward the traffic.

If this configuration is not done, Internet game clients on your network will be unable to connect to Internet game servers on the Internet and Internet game clients on the Internet is unable to connect to Internet game servers on your network.

For example:

