

## Conceptronic CM3PVR Firmware Upgrade Instructions

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### A. Suitable firmware versions

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Note: This firmware upgrade is suitable for all CM3PVR devices.

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### B. Upgrade information

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The Conceptronic CM3PVR is equipped with an upgradeable firmware chip. This function makes it possible to improve the device and to add new features.

The Conceptronic CM3PVR can be upgraded in three different ways:

- Through a USB Storage device (for example: a USB Stick)
- Through a Memory Card (for example: a SD Card)
- Through the internal hard disk

## C. Upgrade procedure from a USB stick or memory card

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### 1. Copying the firmware file to a USB stick or a memory card

- 1.1 If you have downloaded the firmware upgrade from [www.conceptronic.net](http://www.conceptronic.net), you have a ZIP file containing a folder named 'Firmware' and two documentation files for each language.
- 1.2 Connect the USB stick or memory card to your computer.
- 1.3 Copy the file 'TVBOXROM.BIN' from the folder 'Firmware' to the USB stick or memory card (for example: 'F:\TVBOXROM.BIN' where F:\ is your USB stick or memory card).

**Note:** Do **NOT** put the firmware file in a folder on your USB stick or memory card. The CM3PVR must 'see' the firmware file directly on the USB stick or memory card.  
(for example: 'F:\TVBOXROM.BIN').

- 1.4 Remove the USB stick or memory card from your computer with the 'Safely remove hardware' option in the system tray.
- 1.5 Disconnect the USB stick or memory card from your computer.

### 2. Updating the firmware

- 2.1 Connect the CM3PVR to your TV and set the power switch on the backside of the CM3PVR to the 'I' position.
- 2.2 Turn the CM3PVR on (with the remote control).
- 2.3 Open the latch on the front of the CM3PVR.
- 2.4 Connect the USB stick to the USB host port of the CM3PVR or slide the memory card in the memory card slot of the CM3PVR.
- 2.5 Select the option 'Movies' in the main menu of the CM3PVR.
- 2.6 The CM3PVR will show the Movie Browser on your screen, with the 'RECORDS' folder opened.
- 2.7 Press the 'STORAGE' button on the remote control to switch to 'USB MODE' or 'CARD MODE' (depends on what you have inserted, a USB Stick or a memory card).
- 2.8 Select the file 'TVBOXROM.BIN' and press the 'ENTER' button on the remote control.
- 2.9 The CM3PVR will show a 'Smart Upgrade' pop-up on your screen. Select 'OK' and press the 'ENTER' button on the remote control to start the firmware upgrade of your CM3PVR.

**Note:** The CM3PVR must not be turned off during the upgrade process. Doing so will result in an unusable product. The same applies for removing the USB stick or memory card.

As soon as the upgrade process is completed, the CM3PVR will reboot and return to the main menu. Now you can remove the USB stick or memory card from the device.

## D. Upgrade procedure from the internal hard disk of the CM3PVR

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### 1. Copying the firmware files to the CM3PVR

- 1.1 If you have downloaded the firmware upgrade from [www.conceptronic.net](http://www.conceptronic.net), you have a ZIP file containing a folder named 'Firmware' and two documentation files for each language.
- 1.2 Connect the CM3PVR to your computer with the USB cable.
- 1.3 Copy the file 'TVBOXROM.BIN' from the folder 'Firmware' to the hard disk (for example: 'F:\TVBOXROM.BIN' where F:\ is your CM3PVR).
- 1.4 Remove the CM3PVR from your computer with the 'Safely remove hardware' option in the system tray.
- 1.5 Disconnect the USB cable of the CM3PVR and turn the CM3PVR off with the switch on the back side.

### 2. Updating the firmware

- 2.1 Connect the CM3PVR to your TV and set the power switch on the backside of the CM3PVR to the 'I' position.
- 2.2 Turn the CM3PVR on (with the remote control).
- 2.3 Select the option 'Movies' in the main menu of the CM3PVR.  
The CM3PVR will show the Movie Browser on your screen, with the 'RECORDS' folder opened.
- 2.4 Select 'C:/' in the top of the Movie Browser.
- 2.5 Select the file 'TVBOXROM.BIN' and press the 'ENTER' button on the remote control.
- 2.6 The CM3PVR will show a 'Smart Upgrade' pop-up on your screen. Select 'OK' and press the 'ENTER' button on the remote control to start the firmware upgrade of your CM3PVR.

**Note:** The CM3PVR must not be turned off during the upgrade process. Doing so will result in an unusable product. The same applies for removing the USB stick or memory card.

As soon as the upgrade process is completed, the CM3PVR will reboot and return to the main menu.

### 3. Removing the firmware file from your hard disk

- 3.1 Turn the CM3PVR on with the remote control.
- 3.2 Select the option 'Movies' in the main menu of the CM3PVR.  
The CM3PVR will show the Movie Browser on your screen, with the 'RECORDS' folder opened.
- 3.3 Select 'C:/' on top of the Movie Browser.
- 3.4 Select the file 'TVBOXROM.BIN' and press the 'EDIT' button on the remote control.
- 3.5 Select 'DELETE' in the onscreen menu and press the 'ENTER' button on the remote control.
- 3.6 The CM3PVR will ask if you are sure to delete the file. Select 'Yes' and press the 'ENTER' button on the remote control. The firmware file will now be erased from your hard disk.

## E. Checking the firmware version of the CM3PVR

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- 1.1 Connect the CM3PVR to your TV and set the power switch on the backside of the CM3PVR to the 'I' position.
- 1.2 Turn the CM3PVR on (with the remote control).
- 1.3 When the CM3PVR is in the main menu, press 'RECORD' - '0' - '0' - '0' (zero) on the remote control.

The CM3PVR will show the Device Information screen where you can see the current firmware version of the CM3PVR.

- 1.4 Press the 'ENTER' button on the remote control to return to the CM3PVR main menu.

## F. Release notes

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### CM3PVR Version 056:

#### Modified:

- Playback resume option removed from "Tools" due to functionality changes.  
When playback of an \*.AVI file has been stopped, you will now get a question to resume playback at the position it has been stopped or play from the beginning.  
The resume function will not be available once the CM3PVR has been turned off.
- Slide show timer functionality changed and option added to "Tools" within the "Setup" menu.  
You can now set a time delay for your slide show within the "Tools" option.  
Press the timer button on the remote control during a slide show to switch between the following delays: 1, 2, 5, 20, 30 and 60 seconds.

#### Fixed:

- Hickups during MP3 playback.

#### Improved:

- Lip sync issue with recordings and movies.

### CM3PVR Version 055:

#### Fixed:

- Overlap issue for recordings. When multiple recordings overlap each other in time, but have a different day, you will still get an overlap error message.

### CM3PVR Version 053:

#### Fixed:

- MP3 files showing a total time of 00.
- Changed the way the date is shown with the CM3PVR.  
It was MM-DD-YYYY it now is DD-MM-YYYY.
- Files are correctly sorted.  
File creation time and use of capital letters no longer have effect on the sorting.
- After you exited a folder the cursor will now be on this exited folder instead of the folder at the top of the list.
- Sort feature now shown in Spanish (Ordenar, only for the Spanish language)
- It is possible to get a weekly recording from Monday to Friday and a weekly recording from Saturday to Sunday without getting a overlap error message.

Added:

- Resume function for videos.  
In the setup menu: Setup → Tools → Resume Playback → Enable.  
If enabled this function will start a movie where you have last stopped playing it by using the **Stop** button.
- GoTo feature  
Access to an exact point in the movie (specific in seconds) instead of fast forward or rewind.  
When playing a movie you can press the **Timer** button on the remote to activate the GoTo function.  
You will be able to select the time in order of the hours, the minutes and then the seconds.
- Quick browsing  
Using the numbers on the remote control you will be able to jump to the corresponding file number.  
If you want to go to for example file 78 press **078** and you will jump to file 78 right away.
- Change slideshow time during a slideshow.  
While playing a slideshow enter a number, for example 10, the slideshow will then change picture every 10 seconds. Please do notice that the actual time is 10 seconds + decoding time.  
*Note: It is only possible to change the slideshow time once in each slideshow. To change the slideshow time again, restart the slideshow playback*

**CM3PVR Version 050 BETA:**

Added:

- “Sort” option added to Setup menu.  
*Note: The sort option is not 100% functional yet. (Files with capitals are sorted first, then files with small letters.)*
- “Overwrite?” message added to copy mode. Displays an overwrite message if the file already exists on the target.  
  
*Note: Both messages are still in English only and will be translated to the correct languages in a final firmware release.*

**CM3PVR Version 047:**

Fixed:

- Folders that include ‘AUDIO\_TS’ and ‘VIDEO\_TS’ files/folders cannot be deleted.
- Loading time between two video files is now shortened and the screen goes black in stead of showing the Conceptronic logo.  
*Note: This is specifically fixed for recordings that are split into 55 minute video files.*

Added:

- OTR information is now visible when pressing the 'DISPLAY' button during OTR recording.
- When in Browser mode, you can now press the 'RETURN' button to return to the main menu.

**CM3PVR Version 046:**

Fixed:

- DVDs ripped with DVD Shrink or DVD Decrypter do not play.
- The following special characters in file and/or folder names are not shown correctly: é, è, ê, ñ.

**CM3PVR Version 045:**

Added:

- Support for photos up to 2800x2800 pixels.

Fixed:

- Glitches during recordings, making the image of the recording appear distorted for a couple of seconds.
- Some AVI files cause the CM3PVR to freeze or crash when being selected in the Media Browser.

**CM3PVR Version 044:**

Added:

- 4:3 Pan & Scan / 4:3 Letterbox / 16:9 option in the Setup menu.  
*Note: This setting is for playback only.*
- Set DVD playback region to region 2.

Fixed:

- Lip sync issue.  
*Note: Old recordings can still show lip sync issues.*
- With recordings longer than 55 minutes (multiple files), only the last file ends correctly.
- OTR recording does not stop when OTR time is reached.
- "&" in file and folder names does not show correctly.

**CM3PVR Version 040 BETA2:**

Fixed:

- Fixed Lipsync Issue (3<sup>rd</sup>).

**CM3PVR Version 040 BETA:**

Fixed:

- Fixed Lipsync Issue (2<sup>nd</sup>).

#### **CM3PVR Version 039 BETA:**

##### Added:

- Scrolling filenames in Movie/Music/Photo browser when the filename is too long.

##### Fixed:

- Fixed Lipsync Issue (1<sup>st</sup>).

#### **CM3PVR Version 038:**

##### Added:

- DVD Playback Functionality. (See the document 'CM3PVR - DVD & Subtitle Instructions')
- Subtitle Support. (See the document 'CM3PVR - DVD & Subtitle Instructions')
- Add Standby pop-up after 'REC+OTRxx'.

##### Fixed:

- Small characters in channel name are now displayed correctly.
- Some language issues in the menu are solved.
- Auto-hide the word 'REC' after a few seconds when recording.
- Auto-hide the word 'REC+OTRxx' after a few seconds when recording in OTR mode.
- Remember Channel Location & Name after new upgrade.
- Improved boot-time. Boot time is now less than 15 seconds, instead of 45 seconds.

Note: When you have copied data from your PC to the CM3PVR, the CM3PVR needs to rebuild the database. This will cause a longer boot-time (+/- 40 seconds). This occurs once after each PC connection.

#### **CM3PVR Version 031:**

- Initial release.