

## How to: CHD3UL chipset recovery instructions

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### **System requirements:**

*Although the Conceptronic CHD3UL can be used with Windows, Mac and Linux computers, the utility that is needed (and included) for the recovery of the CHD3UL chipset is only suitable for Windows 2000, XP and Vista. After the CHD3UL is recovered it can be used with any of the three operating systems again.*

### **Notes:**

*Before following this step by step procedure, make sure all USB devices are disconnected from your computer. The only USB devices that you can have connected to your PC during this procedure are your mouse, your keyboard (which can also be PS2) and the Conceptronic CHD3UL enclosure.*

*These instructions are based on the Windows Vista operating system. If you have Windows XP or 2000, some option can be slightly different.*

### **Part 1: Installing the recovery driver**

1. Right click on '**Computer**' and select '**Manage**'.
2. The Computer Management window will be shown. Select '**Device Manager**' on the left side.
3. There should be a device called '**Cypress AT2LP RC42**' under '**Unknown Devices**', right click on this and select '**Update Driver Software**'.  
If it is not mentioned under '**Unknown Devices**', you should check under '**USB Mass Storage Devices**'.
4. Choose the option '**Browse my computer for driver software**'.
5. Choose the option '**Let me pick from a list of device drivers on my computer**'.
6. Click on '**Next**'.
7. Click on '**Have Disk**' and browse to the '**CyUSB.inf**' file, which is located inside the '**Driver**' folder.
8. First click on '**Open**' and then on '**OK**' in the next window.
9. Windows will now show '**Cypress AT2LP Manufacturing Driver**' as compatible hardware. Click on '**Next**'.
10. Select '**Continue installing this driver anyway**' in the next window.
11. The message '**Windows has successfully updated your driver software**' will now be shown. Click on '**Close**'.
12. Unplug the USB cable from the Conceptronic CHD3UL from the computer.

## Part 2: Reprogramming the chipset

13. Start the '**Primer.exe**' utility.
14. Plug the USB cable from the Conceptronic CHD3UL back into the computer.
15. The utility will recognize the CHD3UL with the recovery drivers and starts the programming procedure.  
When it is finished, it will show the messages '**Programming successful**' and '**Unplug device**'.
16. Unplug the USB cable from the Conceptronic CHD3UL from the computer.
17. Close the utility.
18. Turn off the CHD3UL with the switch on the back and unplug the power supply from the power socket.  
Wait for about 30 seconds before plugging the power supply back in the power socket.

## Part 3: Preparing the CHD3UL for use

19. Turn on the CHD3UL with the switch on the back.
20. Plug the USB cable from the CHD3UL back into the computer.
21. Windows will install the default USB Mass Storage driver for the Conceptronic CHD3UL.
22. The Conceptronic CHD3UL should be recognized as '**USB Mass Storage Device**'. Check this in '**Device Manager**'. Refer to points 1 and 2 on how to get there. If it is recognized correctly, go to point 23.  
If this is not the case, in other words if the CHD3UL is still recognized as '**Cypress AT2LP Manufacturing Device**', then you need to follow the steps below to have Windows use the correct driver:
  - 22.1 Right click '**Cypress AT2LP Manufacturing Device**' and select '**Uninstall**'.
  - 22.2 In the next window tick the box in front of the option '**Delete the driver software for this device**' and click on '**OK**'.
  - 22.3 Unplug the USB cable from the CHD3UL from the computer.
  - 22.4 Plug the USB cable from the CHD3UL back into the computer.
  - 22.5 Go back to point 21.
23. Your Conceptronic CHD3UL is recovered and ready to use.