

## **Using the X10 CM15A Dongle with IRCommand2 Driver Installation Notes and Instructions**

### **Introduction**

In order to use the CM15A dongle with IRCommand2 it is necessary to install a special driver for the CM15A USB dongle. This driver enables IRCommand2 to access the full capabilities of the CM15A dongle. This document explains how to obtain and install the required device driver.

**IMPORTANT NOTE:** Installation of the CM15A driver for IRCommand2 will render the CM15A unusable by other application software designed to use the Windows default driver or other drivers supplied with other software. Refer to instructions at the end of this document on how to uninstall the driver for IRCommand2 and restore your original driver.

### **How to Obtain the Driver**

The required driver files are located on the WDPS Software website here:

[http://www.wdpsoftware.com/downloads/X10\\_CM15A\\_Driver\\_WinXP-Vista.zip](http://www.wdpsoftware.com/downloads/X10_CM15A_Driver_WinXP-Vista.zip)

After downloading the file, unzip it to a temporary directory on your hard drive.

### **Credits**

The USB driver used for IRCommand2 is an unmodified version of the libusb-Win32 open source driver with some minor configuration settings to link it to the CM15A hardware. Information on the open source project, including source code, can be found here:

<http://libusb-win32.sourceforge.net/>

### **Driver Installation Procedure**

Windows will automatically install a default driver for the CM15A USB dongle when it is plugged in. The purpose of the following installation procedure is to replace the default driver with the driver for IRCommand2.

1. Download the driver package zip file from the WDPS Software web site (see above) and then unzip it to a temporary directory location. You will reference a file in this directory later in the procedure.

2. Plug the CM15A dongle into the computer and allow Windows to install its default driver. If Windows does NOT install a driver and is prompting for a driver then proceed to step 5.
3. Open Device Manager -- right-click on "My Computer" icon either on desktop or in Windows Explorer and select "Properties". Select the "Hardware" tab and then click the **Device Manager** button.
4. Scroll down to the "**Universal Serial Bus Controllers**" section and open it. You should find an entry called "**X10 USB Wireless Transceiver (ACPI-compliant)**". Right-click on this entry and select "Update Driver...".
5. If Windows asks if it can connect to Windows Update then select "**No, not at this time**" and then click the **Next** button.
6. Select "**Install from a list or specific location (Advanced)**" and click the **Next** button.
7. Select "**Don't search. I will choose the driver to install**" and click the **Next** button.
8. Click the **Have Disk** button.
9. Click the **Browse** button and navigate to the location of the driver files, select the "**X10 CM15A libusb.inf**" file, and then click the **Open** button.
10. Click the **OK** button to direct the installer to use the selected file. You should then see a single driver entry in the driver list called "**X10 USB Wireless Transceiver (ACPI-compliant)**". There will be a message warning that the driver is not digitally signed -- this is OK.
11. Click the **Next** button to install the driver and then click the **Finish** button to complete the installation process.
12. In Device Manager you should now see a section called "**libUSB-Win32 Devices**" and under it an entry for the device. If you do not see this entry and the entry remains under the "Universal Serial Bus Controllers" section then the driver installation failed. Unplug the dongle and repeat from step 2 to try again.