

TN170 USB Driver Installation

Codan software will run on a PC with Windows 98, 2000, XP, Vista and 7 (32 or 64 bit) operating systems. Do not connect the computer to an MT-4E Receiver, MT-4E Transmitter, Multiple Link Controller, or Universal Interface Card (UIC) until the software has been installed (Windows may install an incorrect driver).

Codan MT-4E RSS and Firmware Flashing Software requires a USB driver to communicate with both the MT-4E Receiver and MT-4E Transmitter. The UIC Configuration Software and Multiple Link Controller Software also require USB drivers to communicate with the controllers.

Installing the USB Drivers

In order to install the USB drivers you must have administrator privileges. The Codan USB drivers installer will be launched after the RSS software is installed. Follow the instructions in the USB Installer and ensure the Preinstallation was successful as shown in Figure 1.

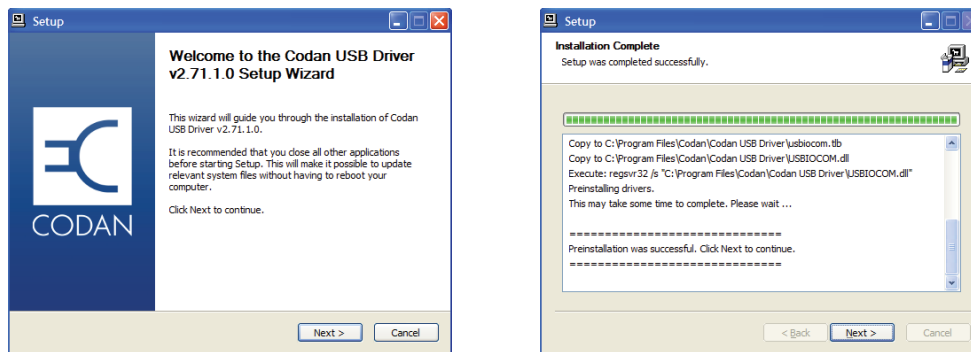


Figure 1: USB Driver Installer

Enumerating the USB Drivers

Enumerating the USB drivers can be done immediately or at a later date and requires administrator privileges for Windows 98, 2000 or XP, but not for Vista or 7. In order to enumerate the USB drivers, the MT-4E Receiver, MT-4E Transmitter, Multiple Link Controller or UIC must be connected using the USB cable. Windows Vista or 7 will show the Windows Security window as shown in Figure 2. Windows 98, 2000 or XP will have the "Found New Hardware Wizard" pop up.



Figure 2: Windows Security

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On the “Found New Hardware Wizard” click “No, not this time”, and then click “Next” to continue. Select “Install the software automatically (Recommended)” and then click “Next” to complete the driver installation. This procedure will need to be repeated for the other modules (MT-4E Receiver, MT-4E Transmitter or UIC) when it is connected for the first time. Once the USB driver installation is run for a module (Receiver, Transmitter or UIC), it will not be required again for another of the same module type.

The USB driver installer could return with the message “The wizard could not find a better match for your hardware than the software you currently have installed”. If this message appears, but the USB driver is still not working correctly, restart the computer and disconnect, then reconnect the USB cable.

If the automatic installation fails, the USB drivers will need to be installed manually (see Manual USB Driver Installation Procedure below).

Manual USB Driver Installation Procedure

1. Ensure that the software is installed on the computer.
2. Use a type A to 5 pin mini-type B USB cable to connect the USB port of an IBM compatible computer to the USB port on the front panel of the MT-4E Receiver, MT-4E Transmitter, Multiple Link Controller, or UIC module as shown in Figure 3. Ensure that the front panel switch is in the NORM position on the MT-4E Receiver or MT-4E Transmitter.

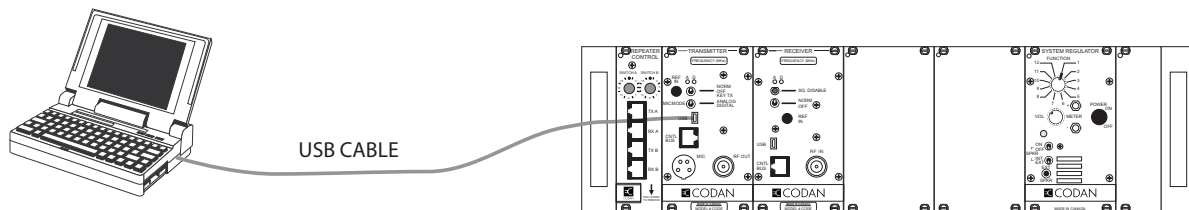


Figure 3: USB Programming Cable Connection

3. Windows will detect a new device, “Found New Hardware” will pop up in the system tray and the “Found New Hardware Wizard” will start.
4. If Windows fails to detect a new device, go to: Control Panel->(Performance and Maintenance)System->Hardware->Device Manager, as shown in Figure 4, and right click the unknown USB device, then choose “Update Driver...”.

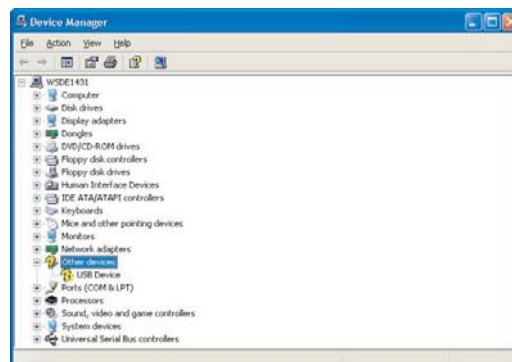


Figure 4: Device Manager

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5. The “Found New Hardware Wizard” may ask if windows should connect to windows update to search for software as shown. Click “No, not this time” as shown in Figure 5, and then click “Next” to continue.

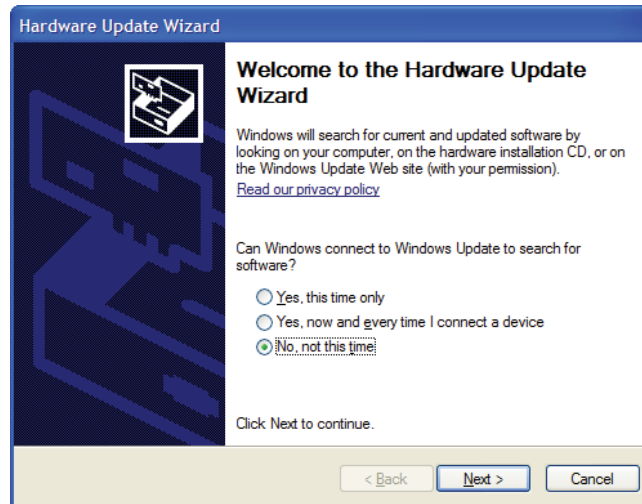


Figure 5: Found New Hardware Wizard 1

6. Select the “Install from a list or specific location (Advanced)”, as shown in Figure 6, and then click “Next” to continue.

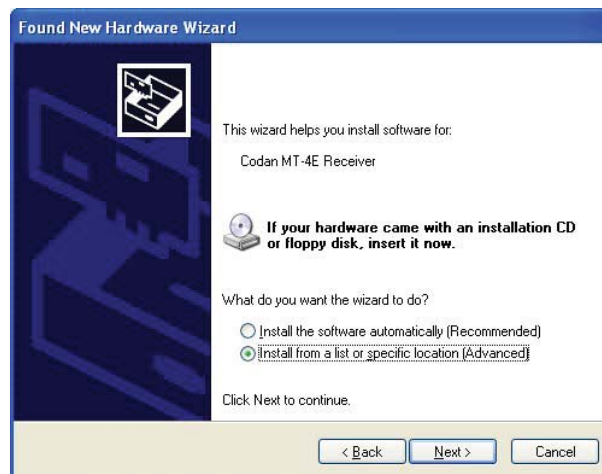


Figure 6: Found New Hardware Wizard 2

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7. Leave the “Search for the best driver in these locations” option selected.

8. If the software installation CD is in your CD Drive, select “Search removable media (floppy, CD-ROM...)”. If the software installation CD is not available, select, “Include this location in the search”, as shown in Figure 7. Click on “Browse”, and select the directory where the MT-4E RSS (or Multiple Link or UIC) software was installed. Click on “OK” to close the folder browser window.

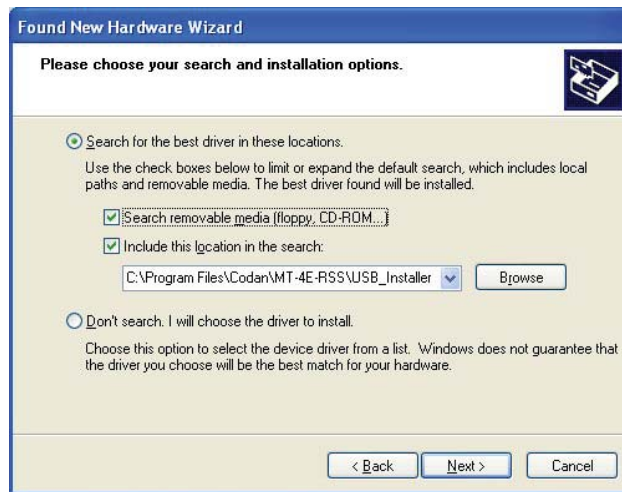


Figure 7: Found New Hardware Wizard 3

9. Click “Next” to complete the driver installation. This procedure will need to be repeated for the other modules (MT-4E Receiver, MT-4E Transmitter, Multiple Link Controller, or UIC) when it is connected for the first time.

This product has been discontinued and is no longer manufactured by Codan Radio Communications