

# User's Manual

## USB TO RS-232 CONVERTER (UMC-102)

### Overview

Universal Serial Bus (USB) port technology has emerged in response to the proliferation of external peripheral devices (scanner, digital camera, removable drives, etc.) that are increasingly being connected to the latest generation of PCs. The USB behaves in a similar fashion to conventional bus ports (i.e., serial, parallel, PS/2), but since it does not require any IRQs, more devices can be attached to the system without conflicts.

The USB Serial converter provides an external plug-and-play RS-232 device connection for PCs, notebooks, laptops, and handheld computerizing devices that support the USB specification. The converter comes with a standard DB-25 Male/DB-9 Male connector to be plugged into the RS232 port, and has a 1.8m USB cable with a type A plug for connection to the PC's USB port or to a USB hub.

**Note:** Since the most computers have only one or two USB ports, USB hubs are often used to provide additional ports so that numerous USB peripheral devices can be connected up at the same time.

For further convenience, especially to users of notebooks, laptops and handhelds, the USB to RS-232 converter device can be operated by the power from the Universal Serial Bus, no external power supply needed. As it is a USB specification compliant device, energy-saving suspend and resume are provided.

### System Requirements

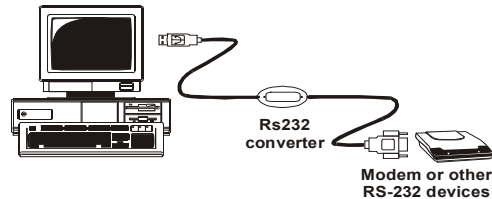
- Windows 98/SE/ME/2000/XP, Mac8.6 and higher, Linux.
- The system must be equipped with USB Host Controller.

### Features

- Supports automatic handshake mode.
- Works with cellular phones, PDA, digital cameras, modems, and ISDN terminal adapters.
- Supports remote wake-up and power management.
- Frees your RS-232 ports for other uses.

### Installation

#### USB Port



#### Converter Installation:

1. Connect the peripheral device with the converter first, and then plug the other end into the computer's USB port; the **NEW Hardware Wizard** appears; click on **Next** to continue.
2. In the dialog box that comes up, leave the default choice (**Search for the best drives for your device**): Click on **Next** to continue.
3. In the dialog box that comes up, select the proper drive for your media; insert the driver diskette in the drive; Click on **Next** to continue.
4. In the **Ready to install...** dialog box that comes up; Click on **Next** to continue.
5. If the driver files have been copied to the hard disk, a dialog box will appear to confirm the completion of the installation; Click on **Finish**. Windows now finishes up the installation.

#### TO check if the converter was correctly installed:

1. Open the **My Computer** folder.
2. Open the **Control Panel** folder.
3. Open the **System** folder.
4. Click on the **Device Manager** tab at the top of the dialog box.
5. Click on the **plus** sign in front of the **Universal Serial Bus Controller** heading. If the installation has been done successfully, you will see an entry of **USB Serial Port** listed.

If your converter has 2 ports, you have to install the driver for each port individually, i.e. 2 times, per installation procedure stated above.

**Note:** If you want to change the peripheral device than the one which you have used for driver installation, you need just plug the new device and push the **RESET** button of the port for your System to detect the new device.

### Specifications

Function	UMC-102	UMC-104	
Chips	FTDI		
Complies USB Rev.	Ver 1.1		
Connector	Input	USB Type A Male	USB Type B Male
	Output	DB-9 Male*2	DB-9 Male*4
Power Mode	Bus		
Cable Length	0.6M	1.8M	
Housing	Plastic	Aluminum	