

# User's Manual

## USB TO RS-232 CONVERTER

### 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, any the problem of IRQ conflict is eliminated.

The USB Serial adaptor provides an external plug-and-play RS-232 modem connection for PCs, Notebooks, Laptops, and handheld computing devices that support the USB specification. The adaptor comes with a standard DB-25 Male/DB-9 Male connector to plug into the RS-232 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 most computers only have 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 Adaptor device its operating power from the Universal Serial Bus itself, so no bulky external power supply needs to be taken along. And because it is a USB Specification compliant device, Supports energy-saving suspend and resume operations.

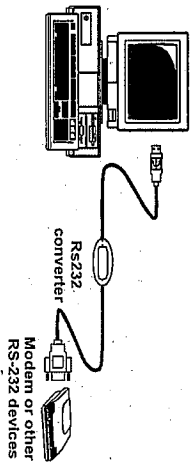
### System Requirements

- Windows 98/ME/XP/2000, Mac OS 8 and higher, Linux.
- USB Host Controller installed on the system.

### 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



### Adapter Installation:

1. Plug the Adaptor 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 drivers 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 distribution diskette in the drive drive; Click on **Next** to continue
4. In the **Ready to Install...** dialog box that comes up; Click on **Next** to continue; Files are now copied to your hard disk
5. After the driver files have been copied to the hard disk, a dialog box appears to tell you that the installation has finished; Click on **Finish**. Windows now finishes up the installation.

### TO check that the adapter 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 to see the **Universal Serial Bus Controller** listing.

If the installation completed successfully, you should see an entry for **USB Serial Port** in the listing.

### Modem Installation:

**Note:** This procedure is only necessary if you have never connected up your modem before. If your modem was previously connected and configured for the RS-232 (COM) port after you perform the Adaptor Installation and click on **Finish**, the driver will detect your modem and install it automatically, so you can skip this section.

1. Plug the Adaptor into the modem; then turn the modem On.
  2. Open the **My Computer** folder.
  3. Double click on **Modems** the install a **NEW Modem**, dialog box appears.
  4. Click on **Next** to continue.
  5. After Windows detects your modem (this procedure can take a few minutes), the **Verify Modem** dialog box appears Click on **Next** to continue.
  6. Fill in the **Location Information** dialog box, then click on **Next** to continue.
  7. A dialog box appears to tell you that the installation has finished. Click on **Finish** to complete the installation.
- Method 2 (If the modem has previously been connected to the RS-232 port):

### Specifications

| Function          | UMC-100 | UMC-101    | UMC-201        | UMC-202      |
|-------------------|---------|------------|----------------|--------------|
| Chipset           | F101    |            |                |              |
| Complies USB Rev. | Rev 1.1 |            |                |              |
| Connector         | Input   | USB TYPE/F | USB A TYPE /M  | USB B TYPE/F |
|                   | Output  | DB-25/M    | DB-25/M, DB-9M | DB-9/M       |
| Power Mode        | BUS     |            |                |              |
| Cable Length      | 1.8M    | 0.4M       | 1M             | 1.8M         |
|                   | Plastic |            |                |              |
| Housing           |         |            |                |              |

V DRIVER