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## **Installation Instructions Model UC-232A - USB to RS-232 Converter**

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### **Introduction**

The Model UC-232A USB to RS-232 Converter can be used on Windows® 95 (OSR 2.1), 98 and 2000 PCs, to install an additional COM: port. On the newer "Thin Client" PCs, that lack legacy ports, the converter can be used to install a conventional COM: port. This port will only be usable in Windows. It will not be visible to any older applications you may be running in DOS mode.

### **Installation**

Place the CD that comes with the converter in your CD Rom Drive. If the CDRom auto-starts, close any windows that appear. With power applied to the PC, plug the UC-232A into an available USB port. Windows will respond by starting the Add New Hardware Wizard. If this does not happen, check the installation of your USB connectors.

Click "Next". Windows will ask you what you want to do. You want to "Search for the best driver for your device". Click "Next". In the next dialog box you can tell Windows the path to the drivers. Check the CDRom box, uncheck the other boxes, and use the browse button to find the Uc232a folder. Open that folder and select either the win95, win98 or win2000 folder, depending on your operating system. The text box should show a path like:"X:\Uc232a\win98". Where X is the drive letter of your CDRom. Click "Next".

You will receive a message that "Windows was unable to find a driver...". Click "Next". Windows will display a dialog box: "? Unknown Device. Windows has not installed a driver for this device." Click "Finish". The Add New Hardware Wizard may open again. Click "Cancel".

Open Control Panel and double-click on the System Icon. Select Device Manager. You may see Composite USB Device listed with yellow Question Marks preceding it. If so, select this device and click on "Remove". Scroll to the bottom of the list and expand the listing for USB Controllers. Click on "Composite USB Device" and click "Remove". Click OK to confirm removal. If there are any

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Click on "Refresh". Windows will again search for drivers. Use the Browse button again, if necessary, to locate the proper location on the CDROM as outlined above. Windows will again ask you "What do you want to install?". The default selection should now list the driver for the USB Converter. Click on "Next". A dialog box will be displayed indicating the driver will be installed. Click "Finish".

This will complete the driver installation. You should be able to find the converter listed in Windows Device Manager. Device Manager will tell you the port identity, (ex. Com3), of the device. You can test the unit using Windows Hyper Terminal. Setup Hyper Terminal for a direct connection the newly installed Com Port. Connect a serial device to the port. Make sure the Baud Rate, Parity and Stop Bits of both devices are identical. Hyper Terminal will display data sent to the Com Port.

If you will be connecting a modem to the port, shut down the PC. Connect the modem to the UC-232A, and restart the PC. Windows will detect the modem, and start the "Add New Hardware Wizard". Follow the installation instruction for your modem.