

Specifications

Function		Specification
Connectors	USB	Type A Plug
	Serial	DB-9 Male
Data Transfer Rate	Over 500 Kbps	
Cable Length	35 cm	
LED	Data Transfer/Handshaking(Orange)	
Power Consumption	450 mW	
Power Mode	Bus Powered	
USB Specification	V1.1 Compliant	
Operating Temperature	5 ~ 40o C	
Storage Temperature	-20 ~ 60o C	
Humidity	0 ~ 80% RH, Noncondensing	
Housing	Plastic	
Weight	60 g	
Dimensions (L x W x H)	65.9 X 34 X 16 mm	

DB-9 Pin Assignments

Pin	Assignment
1	CD
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

Limited Warranty

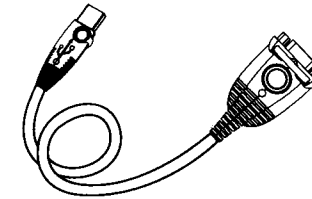
IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK, OR ITS DOCUMENTATION EXCEED THE PRICE PAID FOR THE PRODUCT.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and especially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or update. For further inquiries, please contact your direct vendor.

Radio & TV Interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.



USER'S MANUAL

UC-232A

Read this guide thoroughly and follow the installation and operation procedures carefully to prevent any damage to the unit and/or any of the devices it connects to.

The UC-232A package contains:

- 1 USB Serial adapter with Attached USB Cable
- 1 Distribution Diskette (with Driver Software)
- 1 User's Manual

If anything is damaged or missing, contact your dealer.

©Copyright 2000 ATEN® International Co., Ltd.
Manual Part No. PAPE - 1144 - 200
Printed in Taiwan 04/2000

All brand names and trademarks are the registered property of their respective owners.

Overview

Universal Serial Bus (USB) port technology has emerged in response to the proliferation of external peripheral devices (scanners, digital cameras, removable drives, etc.), that are increasingly being connected to the latest generation of computers. 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, and the problem of IRQ conflict is eliminated.

The UC-232A USB Serial adapter provides an external plug-and-play RS-232 serial connection for computers, notebooks, laptops, and handheld computing devices that support the USB specification. It comes with a standard DB-9 Male connector for the peripherals to plug into, and an attached 35 cm USB cable with a type A plug for connecting to the computer's USB port, or to a USB hub.

The UC-232A provides cell phones, PDAs, digital cameras, modems and ISDN terminal adapters with high quality serial connections at a data transfer rate of over 500 Kbps. It makes the USB interface transparent to the peripherals, allowing them to easily interface with the USB, eliminating the setup hassle found with traditional serial port connections. As a USB Specification compliant device, the UC-232A also supports energy-saving suspend and resume operations.

Note: The UC-232A installs as a virtual port driver on Com3. As such it does not support devices, such as serial mice, that require an IRQ number or IO Address.

Features

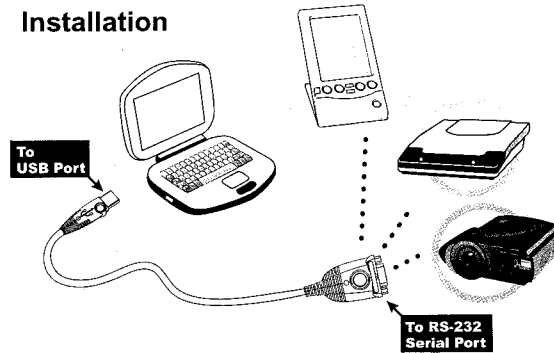
- Full compliance with USB Specification v1.1
- Supports the RS232 Serial interface
- Supports automatic handshake mode
- Over 500 Kbps data transfer rate
- Supports Remote wakeup and power management
- Provides a 96 byte buffer for each upstream and downstream data transfer

- Easy Installation
- Works With cellular phones, PDAs, digital cameras, modems and ISDN terminal adapters
- Frees your RS-232 ports for other uses
- No IRQ required

System Requirements

- Windows 98 or Windows 2000
- USB Host Controller installed on the system.

Installation



Installing the Adapter

1. With the computer booted up, plug the UC-232A 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, leave the default choice (Floppy disk drives); insert the distribution diskette in the floppy (A:) 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.

Checking 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 ATEN USB Serial Port in the listing.

Uninstalling the Driver:

If you should ever need to uninstall the driver files:

1. Open the System folder: (My Computer -> Control Panel -> System)
2. Click on the Device Manager tab at the top of the dialog box
3. Click on the plus sign in front of the Universal Serial Bus Controller heading to see the Universal Serial Bus Controller listing.
4. Select ATEN USB Serial Port in the listing.
5. Click on the Remove button.

Peripheral Installation:

- Note:** a. This procedure only occurs the first time you connect up your peripheral. If your peripheral was previously connected and configured for the RS-232 (COM) port, after you perform the Adapter Installation and click on Finish (see previous page), the driver will detect it and install it automatically.
- b. Under Windows 2000, if you Connect a modem, you must specify it as a standard Modem.

1. With the computer booted up, and the UC-232A adapter already plugged into the computer's USB port, plug the peripheral into the UC-232A; then turn the peripheral On.
2. Follow the Installation Wizard's on-screen instructions to complete the installation.