



## USB-Parallel Printer Cable

# USB- PARALLEL PRINTER CABLE



## USER'S MANUAL

### USB-PARALLEL PRINTER CABLE

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.

This package contains:

- 1 USB-Parallel Printer Cable
- 1 Distribution Diskette (with Driver Software)
- 1 User Manual

Check to make sure that all the components are there, and nothing was damaged in shipping. If you encounter a problem, contact your dealer.

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Manual Part No. PNP1 1127 200  
Printed in Taiwan 03/2000



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### Overview

The USB-Parallel Printer Cable allows PCs, notebooks, laptops, and handheld computing devices that support the USB specification to print to any parallel printer via the USB with up to 12 Mbps throughput - which is much faster than standard parallel port speeds. The cable provides true plug n play and hot plugging capability - in which the cable is automatically detected by Windows.

For further convenience - especially to users of notebooks, laptops, and handhelds - the cable derives 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, the cable supports energy-saving suspend and resume operations.

### Features

- Fully Automatic High Speed Bidirectional Communication Over the Parallel Port\*
- Permits Current Microsoft Windows Printer Drivers to Print Seamlessly Over the USB\*
- IEEE-1284 1994 (bidirectional parallel interface) Specification Compliant\*
- Native Windows 2000 and iMAC Support: Windows 98 Driver Supplied
- Full Plug & Play compatible
- No IRQ Required
- Low Power Consumption - Power From USB Connection

\* Although the USB-Parallel Printer Cable is compatible with the majority of today's printers, there are some that implement slightly different bidirectional protocols. With the HP 5P, 5MP, 5L and 6L printers, for example, PCL Mode must be chosen during printer driver installation in order for the bidirectional function to work. For the HP 6P and 6MP printers, the bidirectional function must be disabled in order for printing to occur.

### System Requirements

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

### Installation



### Windows 2000 and the iMAC

The cable has native driver support under Windows 2000 and on the iMAC. All you have to do is plug the cable into the computer's USB port. It will automatically be detected, and the driver for it will be installed.

### Windows 98 Driver Installation

1. With your computer booted up, plug the cable into the computer's USB port; its presence is automatically detected, and the New Hardware Wizard appears; click on Next to continue.
2. In the dialog box that comes up choose Search for the best drivers for your device; Click on Next to continue.
3. In the dialog box that comes up, choose Drive A as your source; insert the distribution diskette in the floppy (A:) drive; Click on Next to continue.
4. The dialog that comes up informs you that it has found the driver; Click on Next to continue. The driver file is now copied to your hard disk.
5. After the driver file has 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.

### Uninstalling the Windows 98 Driver

If you should ever need to uninstall the driver files, simply do the following:

1. Unplug the cable from the PC
2. Insert the distribution diskette that came with this package in Drive A
3. Run the UNINST.EXE program found on the distribution diskette
4. Reboot the computer

### Printer Installation

If your printer has already been installed:

1. If the cable is plugged into the computer, unplug it
2. Plug the Centronics end of the cable into the printer; then turn the printer On
3. Plug the USB end of the cable into the computer
4. Open the *My Computer* folder; open the *Printers* folder
5. Right Click on your Printer icon; select *Properties* from the menu; select the *Details* folder tab
6. Click on the arrow to open the *printer port* listbox
7. Select *LPT2:* from the list



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If your printer has not been previously installed:

1. Follow steps 1-4, above
2. Double Click on the *Add Printer* icon
3. When prompted, select the printer manufacturer and model from the list provided by the *Add Printer Wizard*
4. When prompted for the printer port, select *LPT2:* from the list
5. Follow the *Wizard's* instructions to complete the installation, and print a test page to ensure that there are no problems



### Specifications

Function		Specification
Connectors	USB	Type A Plug
	Printer	C-36 Male
Cable Length		1.80 m
Power Consumption		90mA (max.)
Power Mode		Bus Powered
Operating Temperature		5 - 40° C
Storage Temperature		-20 - 60° C
Humidity		0 - 80% RH, Noncondensing
Housing		Plastic
Weight		110 g
Dimensions (L x W x H)		43 x 53 x 19.5 mm

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### 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.

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