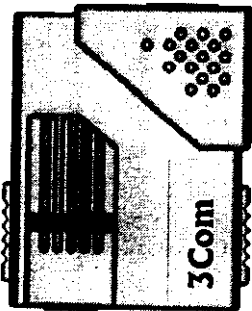


EXHIBIT 7

USER'S MANUAL OF EUT

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User's Guide

Installing and Configuring Your USB Ethernet Adapter

Thank You!

Thank you for purchasing the Peracom USB Ethernet Adapter. We sincerely appreciate your business. This brief User's Guide will tell you a little about the Universal Serial Bus (USB), show you how to install the adapter, and give you the necessary resources to contact us if needed.

Package Contents

The USB Ethernet Adapter package contains:

- 1 USB Ethernet Adapter
- 1 driver diskette
- This User's Guide
- 1 USB Cable

You must supply:

- The 10 MB Ethernet LAN to be attached
- Windows 98 system, running on a PC capable of supporting that system

What is USB and What is the Serial Converter?

The Universal Serial Bus (USB) is designed to replace the current serial, parallel, and other ports on a PC with a single universal interface. Many types of USB devices can be plugged into a single PC USB interface. To attach more than

one or two devices, you will also need a USB hub device such as the Peracom USB Quad Hub.

USB uses a unique cable and connector system. The "upstream" side of the cable (called the A side) is the side that connects to a USB hub or the PC. The "downstream" or B side, connects to USB devices (or to another hub's A side).

Introducing The USB Ethernet Adapter

The Peracom USB Ethernet Adapter has a "B" side connector on one side (as a standard USB device) and a RJ45 Ethernet connector (10 Base T) on the other side. Thus, the Ethernet Adapter (we will use the acronym EA) will allow you to connect to a 10 Base T LAN (10 MB) using the new USB interface.

The minimum PC requirements to use the EA are:

- IBM Compatible PC with Pentium™ processor and USB connectivity
- 16MB of RAM
- Windows 98

The EA will appear to the system as an ethernet adapter. For the LED definitions, see "LED functions" below.

About Power

USB devices can be either self-powered or bus-powered. A device that has its own power supply which plugs into the device is self-powered. A device which has no power connector is bus-powered, and derives its operating power from the USB connection directly.

The EA is bus-powered; all you need to do is plug it into the hub or PC. If you have more than one USB device, you may need to provide extra power at the hub; the Peracom USB Quad Hub has the capability of being self-powered.

To Install The Adapter

Warning: Please view the README.TXT file on the EA driver diskette for product related information.

Windows 98: Close all active applications. Insert the EA driver diskette into your A: drive. Plug the USB connector into the EA. Plug the other end of the cable into the USB port on your PC. You will see the Add New Hardware Wizard dialog box. Select 'Search for the best driver' and click *Next*. Select 'Floppy disk drivers' when asked for a search location for the new drivers and click *Next*. Verify the correct driver (A:\NETPERCM.inf) and press *Next*. Click

Finish. When the install is complete, remove the diskette from your A: drive and follow the instructions for restarting your PC

Note: If the Wizard does not appear when you plug in the Ethernet Adapter, please view the section 'Is USB correctly installed' in the README.TXT file on the EA driver diskette.

Buttons, Switches, Jumpers

There are none! Just plug in the EA in and enjoy it!

LED Functions

The EA contains two LEDs on the side panel in the RJ45 connector. The left Green LED is LINK and the right Orange LED is Receive/Transmit activity. The operational status of the adapter is indicated by the LED conditions listed below.

LED	Notes
LINK	ACTIVITY
ON	Power ON - LED's light initially for 3 seconds at Power on.
Flashing	Product is connected to the computer but not configured.
ON	Normal Operation, no network Activity
ON	Normal Operation, network Activity
OFF	No network connection to the RJ-45 socket
OFF	Failed self diagnostics at Start-up
Flashing continuously	Flashing continuously
Flashing continuously	Ethernet configuration problem. Check all cabling

Questions and Answers

- Q Why isn't the Ethernet Adapter working on my 100MB network?
- A The Peracom Ethernet Adapter is a 10Base T product. It works on 10MB ethernet LAN's only.

Contacts, Resources and Customer Service

Detailed information about USB and Peracom USB products and updated drivers are available on our web site at <http://www.peracom.com>. For customer service contact your reseller or distributor. Contact Peracom by e-mail at support@peracom.com or by FAX at (919)-379-9420.

Specifications

Ports:

- 1 downstream port with USB type B receptacle
- 1 RJ-45 Ethernet connector (10 Base T, 10MB)

Physical Dimensions:

1" x 2.18" x 2.67", 2.53cm x 5.54cm x 6.78cm

Environmental:

Operating temperature 0° C to 40° C
Storage temperature -20° C to 70° C
Humidity 0 to 95%, non-condensing

Power:

Bus powered from USB host controller or hub

Agency Approvals and Certifications:

FCC B, EN55022 B, VCCI-B

Warranty

Peracom warrants to the original owner that the product delivered in this package will be free from defects in material and workmanship for one (1) year after purchase. For the warranty to apply, you must register your purchase by returning the registration card indicating the date of purchase. The warranty will not apply to any products which have been subjected to any misuse, neglect or accidental damage, or which contain defects which are in any way attributable to improper installation or to alteration or repairs made or performed by any person not under control of Peracom.

THE ABOVE WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, WHETHER EXPRESSED, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY ARISING OUT OF ANY PROPOSAL, SPECIFICATION OR SAMPLE. PERACOM SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. PERACOM NEITHER

ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY.

EMI Certification

FCC Class B Certification
Peracom Networks, Inc.
Model Number: EN1045A
FCC ID: xxxxxxxxxx

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Warning! 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. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit different from the one which the receiver is connected to
- Consult the dealer or an experienced radio/TV technician for help

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate this equipment.

Warnings!

1. Wear an anti-static wrist strap to take other suitable measures to prevent electrostatic discharge whenever handling the equipment.

Class B (Canada Department of Communications)

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled "Digital Apparatus", ICES-003 of the Department of Communications.

Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe B prescrites dans le norme sur le matériel brouilleur: "Appareils Numériques", NMB-003 édictée par le ministère des Communications.

Voluntary Control Council for Interference (VCCI-B) Compliance

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EN55022 Class B Declaration of Conformity

This is to certify that this device is shielded against the generation of radio interference in accordance with the application of Council Directive 89/336/EEC, Article 4a. Conformity is declared by the application of EN55022:1987 class B (CISPR 22:1985/BS 6627:1988)

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