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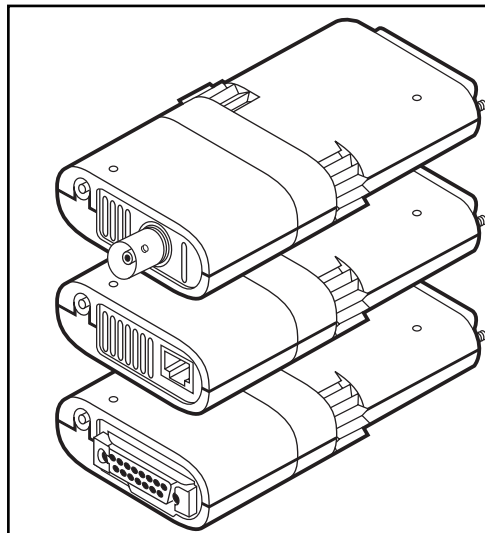
NETWORK SERVICES

Black Box Corporation • 1000 Park Drive • Lawrence, PA 15055-1018 • Tech Support: 724-746-5500 • www.blackbox.com • e-mail: info@blackbox.com

MODULAR PARALLEL ADAPTERS

Key Features

- ▶ **Connects to a parallel printer port.**
- ▶ **Adapts to any type of cabling, with the Modular Media Units for Ethernet and Token Ring LANs.**
- ▶ **Enhanced Parallel Port compatibility.**
- ▶ **Needs no external power adapter.**
- ▶ **Preconfigured software drivers are included.**
- ▶ **Includes self-test and diagnostic capabilities.**
- ▶ **Fast and easy installation.**
- ▶ **Automatic unidirectional/bidirectional mode selection.**
- ▶ **No jumpers or switches.**



No PCMCIA port? Connect your notebook, laptop, or desktop PC to virtually an Ethernet or Token Ring LAN—no matter what cabling, topology, or network operating system.

Now, no matter where you go, you can easily connect your notebook to an Ethernet or a Token Ring LAN regardless of the cabling system, topology, or Network Operating System thanks to the Modular Parallel Adapter.

These adapters provide flexibility not only in the cable interface, but also as an efficient solution for a local printer connection. You can attach both the pocket adapter and a local printer to the same parallel port with the Modular Parallel Mux.

Choose any of the Ethernet adapters with any type of connector (10BASE-T, BNC, or AUI). Then, if necessary, choose a Modular Media Unit that suits any additional cabling needs. Snap it onto the adapter body, plug the adapter into your PC, and you're ready to connect to a network.

Three types of media units are available for Ethernet—10BASE-T, BNC, or AUI. Choose from Type 1 or Type 3 for Token Ring.

Each adapter features full parallel-port compatibility, giving you Enhanced Parallel Port (EPP), unidirectional, and bidirectional support.

The adapter is truly portable, too. It needs no external power adapter. Instead, a self-powering cable (SPC) [included with each adapter] draws power directly from a PS/2® mouse or your computer's keyboard port.

In addition, preconfigured software drivers are included with each adapter. These drivers support today's popular network operating systems, including Novell® NetWare®, Windows® 95, Microsoft LAN Manager, TCP/IP®, and Artisoft LANtastic®. Best of

all, each driver features extensive self-test and diagnostic capabilities, so there are no jumpers or switches to set—or addresses or interrupt conflicts to worry about.

Modular Parallel Mux

Use this mux and you can attach a parallel adapter and a local printer to the same parallel port.

NOTE: The Modular Parallel Mux and the Modular Parallel Adapters for Token Ring will not work in a Windows 95 machine. All of the Modular Parallel Adapters and Modular Media Units work well with Windows 95 as long as you don't use them with a Modular Parallel Mux.

Typical Application

You'll certainly need one or more of these parallel adapters if you're going on the road any time soon. They're particularly handy if you often demonstrate at trade shows or conduct on-site consultation or training.



Technically Speaking

What is Enhanced Parallel Port (EPP) Technology?

In 1994, the IEEE released a long-awaited printer-port standard. Known as the IEEE 1284 Parallel Printer Port Standard, the specification was responsible for an amazing improvement in parallel-port data-transfer rates.

What's the Big Advantage to EPP Technology?

With EPP technology, software isn't needed for data maintenance. Why? Because EPP technology uses hardware shortcuts to reduce the many software commands previously needed to transmit bytes and monitor transmissions. With EEP, a parallel port can easily drive multimedia CD-ROMs and other speed-hungry devices.

How Does EPP Technology Work?

When an Input/Output (I/O) instruction is executed, EPP hardware synchronizes with an external peripheral. Because software isn't needed, transmissions take place in one I/O cycle. All handshaking is automatic.

What About My PC and EPP Technology?

Most PCs made after mid-1993 are equipped with EPP technology. You'll usually find EPP ports on laptops that use the Intel® 386SL chipset with the 360SL I/O support chip.

Specifications

Ethernet Models

Speed: 10 Mbps

Standards: IEEE 802.3 Ethernet compatible with 10BASE-T, 10BASE2, and 10BASE5

Token Ring Models

Speed: 4/16 Mbps (16 Mbps default)

Standards: IEEE 802.5 Token Ring

Both Ethernet and Token Ring Models

Drivers of NOS Support: NDIS 2.0.1, NDIS 3, ODI, Packet, Windows NT™ 3.1, 3.5x, Windows® 95, OS/2

Size: 4"H x 2.4"W x 1"D
(10.3 x 6 x 2.5 cm)

Weight: 0.2 lb. (<1 kg)

The Complete Package

- Modular Parallel Adapter.
- Software diskette.
- User's manual.

NOTE: The adapter works with Modular Media Units, sold separately.

Ordering Information

ITEM

CODE

Modular Parallel Adapters for Ethernet

10BASE-TLE073A-R2
BNCLE074A-R2
AUILE075A-R2
Enet/ComboLE076A

Modular Media Units for Ethernet

10BASE-TLE171
BNC.....LE172
AUILE175

Modular Parallel Adapters for Token Ring

TR/ComboLT097A
Type 1.....LT098A
Type 3.....LT099A

Modular Media Units for Token Ring

Type 1.....LT198
Type 3.....LT199

Modular Parallel Mux

(Not for use with Windows 95 or 98)LE170

Modular Parallel Adapter for Arcnet.....LA099A



Black Box offers the best warranty program in the industry—Fido Protection®. For more information, request **FaxBack 22512**.

