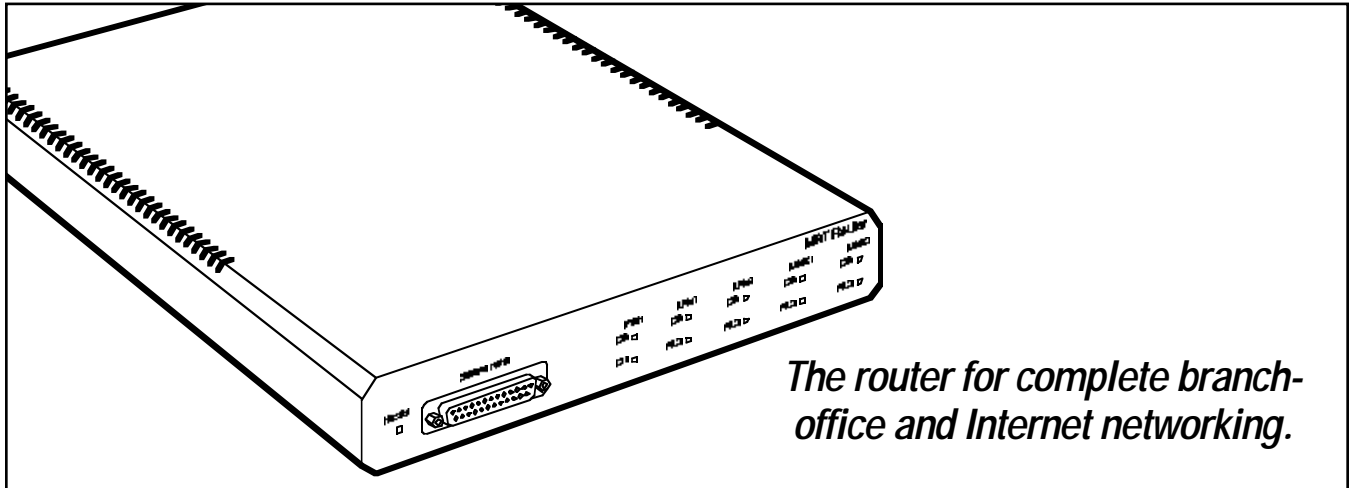# BLACK BOX®
NETWORK SERVICES

MRT ROUTER

The router for complete branch-office and Internet networking.

Key Features

▶ **Full-featured IP/IPX routing capabilities for your branch-office locations.**

▶ **Internet access facilities.**

▶ **Complete interoperability with equipment from a variety of vendors.**

▶ **Facility for Access Control enables you to protect your network resources.**

▶ **Works with dialup or leased lines, or IP/IPX, Frame Relay, X.25, BRI, and PRI ISDN networks.**

Now Black Box makes it easy to select the ideal routing platform for your branch-office networking needs. The MRT Router can help you complete every application you have within your LAN and WAN environments.

With the MRT, users get fully interoperable branch office and internet access internetworking with support for all popular WAN links that range from 9.6 kbps to 2 Mbps.

The MRT gives you the power of an IP/IPX multi-WAN router in one compact, dual-link, dual LAN easy-to-use unit. It supports Frame Relay, X.25, BRI and PRI ISDN networks as well as leased lines and dial-up connections. It's also fully interoperable with other devices so you can use it with virtually any network scheme you choose.

Use the MRT as a central site router between branch offices using Frame Relay. You can also use the MRT at the branch office to provide high-speed connections with full routing capabilities to a central router.

What's more, with link data rates of up to 2 Mbps on each of its two WAN ports, you can take full advantage of high-speed Frame Relay services and ISDN PRI links to meet the needs of your bandwidth-intensive applications. Since the WAN ports are separate, you can connect each to a different site or use them to provide redundant or load-sharing connections to other sites.

The MRT Router offers Facility for Access Control (FACS). This feature enables you to set access rights to your network resources via application type, network protocol, and MAC, source and destination address. You have the power to control who can enter your network, and you'll be notified when intruders attempt to break through your security walls.

Each version of the MRT Router comes equipped with the appropriate software and cables you need for operation and for connection to the rest of your network. Each unit also comes with an autosensing power supply, SNMP management, and configuration software.

Typical Application

As a branch-office router, the MRT can connect to a central-office router. The WAN ports are completely independent, so you can configure one port as a full IP/IPX router, and the other as a standard IP router for Internet access. With both functions in one device you only pay for one device and are able to maintain and control all functions from one location.

Specifications

Humidity: 5 to 95%, noncondensing

Management Support: HPOV UNIX, HP9000, IBM RS6000, HPOV WIN (3.11, NT, 95), Windows (3.11, NT, 95)

WAN Speed: 9.6 kbps to 2 Mbps

Temperature: 32 to 104°F (0 to 40°C)

WAN Connectivity: Simultaneous, or main and backup

WAN Type: Frame Relay, dial-up, leased line

Interfaces:
LAN: UTP/AUI or BNC/AUI;
WAN: RS-232, V.35

Connectors:
LAN: IEEE 802.3 Ethernet (autosensing), (1) female DB15 AUI and (1) RJ-45 10BASE-T; WAN: (1) female DB25

Power: 80–260 VAC autosensing, 50–60 Hz, 25-watt maximum dissipation

Size: 4.3H x 21.6W x 32.5D cm (1.7"H x 8.5"W x 12.8"D)

Weight: 2.1 kg (4.7 lb.)

Additional equipment you may need:

- CSU/DSUs

Ordering Information

ITEM	CODE
MRT Router	
With (1) Ethernet AUI, (1) Ethernet 10BASE-T, IP/IPX Routing, plus:	
(2) RS-232 WAN	LR700A
(2) V.35 WAN	LR701A
(1) RS-232/(1) V.35 WAN	LR702A
With (1) Ethernet AUI, (1) Ethernet 10BASE2, IP/IPX Routing, plus:	
(2) RS-232 WAN	LR704A
(2) V.35 WAN	LR705A
(1) RS-232/(1) V.35 WAN	LR706A
Rackmount Kit	LR700A-RM

All units also come equipped with an autosensing power supply, one async terminal cable, SNMP management, and configuration software. For replacement cables or other cable needs, please contact Technical Support.