BLACK BOX®
NETWORK SERVICES

MULTIBRIDGE
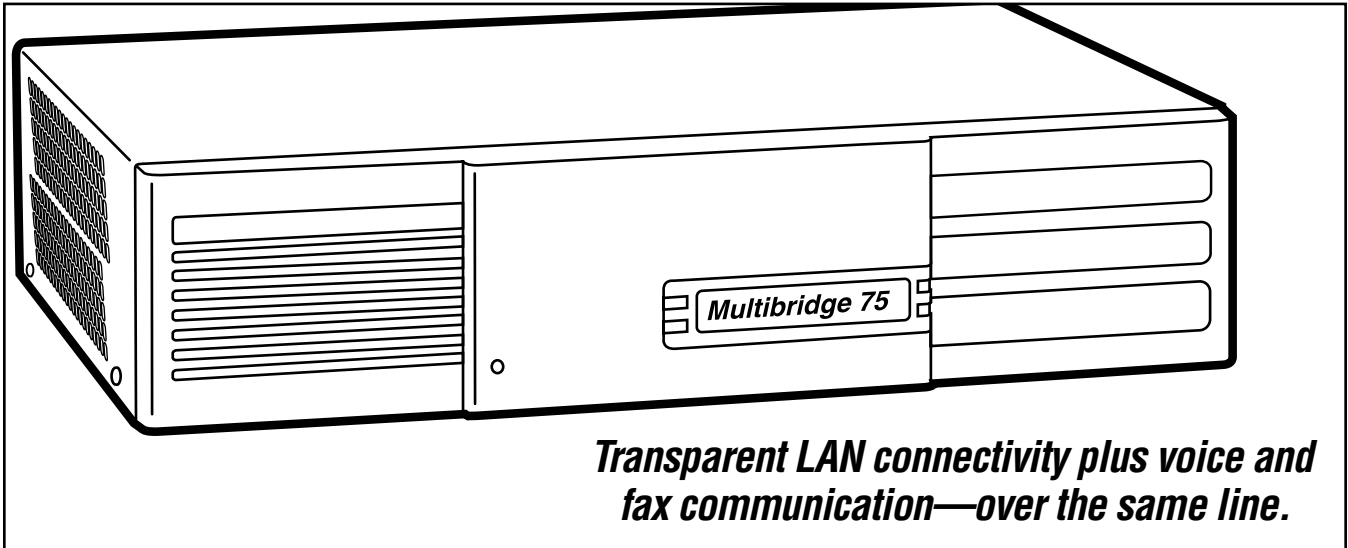
Multibridge 75

Transparent LAN connectivity plus voice and fax communication—over the same line.

Key Features

▶ *Easy to choose the functions you need.*

▶ *Compatible with Frame Relay networks.*

▶ *Flexible continuation.*

▶ *Transparent bridging.*

▶ *TCP/IP, Novell® IPX™, and LAT routing.*

▶ *Built-in flash technology simplifies software updates.*

▶ *Enhanced bus and software for optimized speed.*

▶ *A1 channel is switch-selectable for RS-232, V.35, or X.21.*

Use the Multibridge 75 to bring voice and fax to your LAN traffic. Thanks to EasyRouter™ Technology (ERT), this LAN-ready Frame Relay bridge/Ethernet router does just that: it multiplexes voice, data, and fax over a single Frame Relay line.

That's right: You get leased-line connectivity to multiple sites through one line. The Multibridge provides multiple permanent virtual circuits (PVCs) or data link connections (DLCs) within the same physical access line.

Usually you'd need multiple leased lines to provide any-to-any communications among several locations. But with the Multibridge, all you need is a single access line. One physical connection into the public Frame-Relay network logically provides the connectivity of a mesh network, although physically the network is still a star topology.

What the Package Includes

When you order the Multibridge 75, you'll receive:

- (1) Base Unit,
- (1) CommPak,
- (1) Integrated Router Module, and
- (1) Users' Manual.

You may also need . . .

- MS 56K CSU/DSU (two styles available: Single-Channel [MT150C] or Dual-Channel [MT152C])
- Multiserver Cables

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p. m. and you need help, but your vendor's tech support line is closed.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

Specifications

Speed — Sync and async data: 2.4 to 38.4 kbps; Filtering: 10,000 pps; Forwarding: Up to 6 times WAN speed

Approvals — CE

Interface — Ethernet: Jumper-selectable for standard Thick or Thin Ethernet; may be adapted to 10BASE-T with external transceiver; WAN: Connector interface: DB25 female, EIA 232 (ITU V.24/28); serial sync; internal/external clocking; full-duplex

Protocols Supported — Protocol-independent

Filtering — Automatic filtering on destination address; Additional configurable filters: Broadcast, multicast, source address, protocol type

Data Compression — All LAN data: Up to 4:1; TCP/IP, IPX, and LAT™ headers: Up to 10:1; All non-LAN data: Up to 4:1

Power — 90-265 VAC, 47-63 Hz, 135 watts

Size — 4.4"H x 17.5"W x 12"D (11.2 x 44.5 x 30.5 cm)

Ordering Information

ITEM	CODE
Multibridge 75	LB8100A-75-R4

Select the modules you need…
M/S Voice Fax Module

1-Channel	MX237C-1
2-Channel	MX237C-2

…and order one or two Interface Cards, depending on the number of channels the module supports…
Interface Cards

E&M	MX402A
FXO	MX404A
FXS	MX407A