® BLACK BOX ®
NETWORK SERVICES

4-PORT PASSIVE TYPE 1 MAU

FOUR STATION ACCESS UNIT

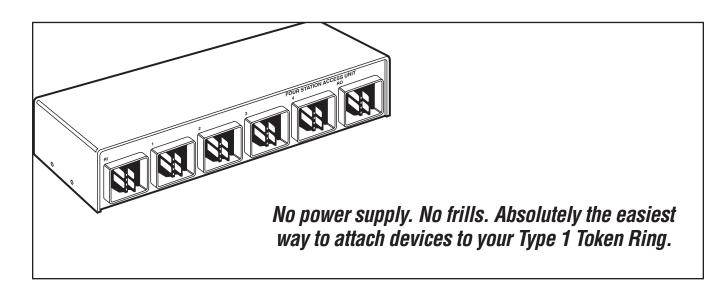*No power supply. No frills. Absolutely the easiest way to attach devices to your Type 1 Token Ring.*

Key Features

▶ Connect up to four Type 1 devices to a 4- or 16-Mbps Token Ring.

Interface-powered.

▶ Small footprint.

▶

Why pay a fortune for a MAU with lots of fancy features, dozens of LEDs, and other bells and whistles when all you need is an access point to plug a workstation and a printer or two into your Ring?

The 4-Port Passive Type 1 Multistation Access Unit (MAU) is designed to be a simple, basic way to connect as many as four Type 1 devices to a 4- or 16-Mbps Token Ring network. Just plug it into your main ring, run cables to your devices, and it's ready to go. It draws power from the interface, so it doesn't even need its own dedicated power supply.

All you need to do to get up and running is:

• unpack the MAU (a small manual is the only thing that comes with it),

• initialize its lobe ports with a Relay Tool (our product code 31907),

• run cables to the previous and next MAUs in the Ring, and

• run cables to your devices.

Get yours today—so you can expand your LAN tomorrow!

Specifications

Standards — IEEE 802.5 Token Ring

Interface — Type 1

Data Rate — 4 or 16 Mbps

Phantom Circuit —
  Operating Voltage: 5.5 ±1.5 V;
  Operating Current at 5 V:
    1 mA;
  DC Resistance, Tx to Rx:
    4.82 to 4.92 kΩ;
  Insertion Time: Less than
    5 seconds;
  Removal Time: Less than
    200 milliseconds

Max. Insertion Loss — RI to RO:
  0.3 dB at 2 to 16 MHz,
  0.8 dB at 16 to 32 MHz;
  Tx to Rx:
    1.1 dB at 2 to 16 MHz,
    1.6 dB at 16 to 32 MHz

Max. Crosstalk (2 to 16 MHz) — Tx
  to Rx: −37 dB;
  Bypassed lobe to main path:
    −37 dB;
  Main path to backup path:
    −41 dB

Return Loss, RI to Any Lobe — 20
  dB at 1 to 6 MHz;
  14 dB at 6 to 12 MHz;
  11 dB at 12 to 24 MHz

Connectors — (6) 4-position IBM
  Data Connectors (IDC):
    (1) for Ring In, (1) for Ring
    Out, (4) lobe ports

Power — From Token Ring interface

Temperature Tolerance —
  Operating: 10 to 40° C;
  Storage: − −25 to +60° C

Humidity Tolerance — Up to 80%
  noncondensing

Size — 5.7H x 27W x 10.6D cm)

Weight — 0.9 kg

▼ Ordering Information

ITEM	CODE
4 Port Passive Type 1 MAU 32440	

You might also want to order:

Relay Tool 31907	
Type 1 Ring Cable (IDC to IDC) ....EVNTRPC	
Type 1 Lobe Cable (IDC to DB9 Male)...............EVNTRD9	