



MultiRouter[®] LT/Modem EN/Modem

Wide Area Routers

With Route Manager[™] Software

For IP and AppleTalk Phase 2 Networks

- *Interconnects two LocalTalk networks or one Ethernet network to remote networks using a standard analog telephone line*
- *Supports IP and AppleTalk Phase 2 protocols*
- *Includes internal high-performance full-duplex V.32 bis modem (site-upgradable V.34 planned for near future)*
- *Configurable from anywhere on the network with Route Manager software*
- *Upgradeable to support future network growth*

MultiRouter wide-area routers provide an easy way to expand your network to include remote sites. Two MultiRouter modem routers, linked by standard analog telephone lines using ordinary telephone wiring and connectors, can bring together remote Ethernet and LocalTalk networks quickly for high-speed data transfer.

MultiRouters are completely compatible with all leading products using the IP or AppleTalk Phase 2 protocols. Users can share files and printers, send and receive mail, and perform other functions as they would on a single network.

MultiRouters provide direct memory access support for all ports, leaving the router's processor free to perform high-level routing functions that increase performance.

MultiRouter wide-area modem routers support both Ethernet-to-modem and LocalTalk-to-modem interconnections. Plug-in modules let you upgrade your unit easily to increase performance. You can also use MultiRouter wide-area routers in combination with MultiRouter local-area routers to increase the size of your on-site network.



LocalTalk and Ethernet Interconnections

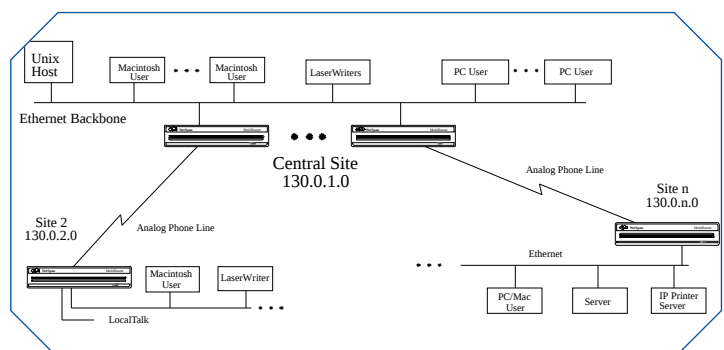
MultiRouter LT/Modem routers interconnect one or two LocalTalk networks to remote networks using standard analog telephone lines. The router supports local-area networks using either LocalTalk or telephone cabling.

The MultiRouter LT/Modem handles multiple protocols on LocalTalk networks transparently. For networks using only the AppleTalk protocol, the routers function as simple plug-and-play units. For TCP/IP networks, they support encapsulation for routing to and from LocalTalk networks.

MultiRouter EN/Modem routers interconnect an Ethernet network or network backbone to remote networks using standard analog telephone lines. An LT/Modem unit can be upgraded to an EN/Modem unit as your networking needs grow.

Both models provide a full-duplex synchronous modem operating at V.32 bis (14.4 kbps). For greater data throughput, models will soon be available with a V.34 (28.8 kbps) modem that can also be used for on-site upgrades of existing units. In addition, you can upgrade your MultiRouter wide-area router to synchronous models that function with synchronous data services such as DDS or T1.

All MultiRouters include IP subnetting, which allows any LocalTalk or Ethernet segment to be configured as an IP subnet. Routes can be user-defined static routes or learned using the Routing Information Protocol (RIP). The routers can be managed with the industry-standard Simple Network Management Protocol (SNMP).

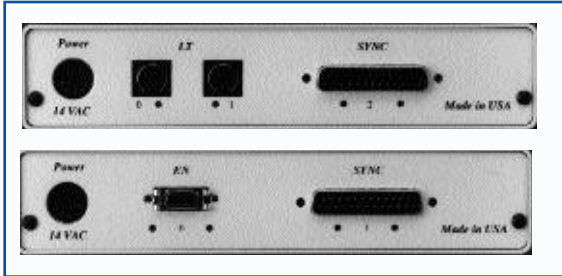


MultiRouter wide-area routers are designed for networking convenience and productivity. They are easy to install and manage, and they can be used to interconnect networks across town — or across the country.

Dependable Operation

Packaged in a compact hardware unit with an advanced design, MultiRouters include such features as power-up and continuous self-test capabilities, battery backed-up memory, and lights on the front and rear panels to indicate status and network traffic. The units are extremely reliable and are backed by a two-year warranty.

On MultiRouter back panels, the ports are clearly labeled and numbered for easy reference. Lights under each port indicate activity.



Technical Specifications

Ethernet interface

AUI or AAUI connector. Data transfers at 10 Mbps.

LocalTalk interface

Two LocalTalk ports with 8-pin DIN connectors. Data transfers at 230 kbps.

Modem interface

V.32 *bis* modem with RJ-11 connector. Data transfers from 9.6 to 14.4 kbps. (V.34 modem up to 28.8 kbps available soon.)

Enclosure

Aluminum stand-alone. Rack-mount brackets available.

AC power requirements

14 VAC supplied by external AC transformer with 120 or 220-240 VAC. Frequency 50 or 60 Hz. Power 25 watts maximum.

Size and Weight

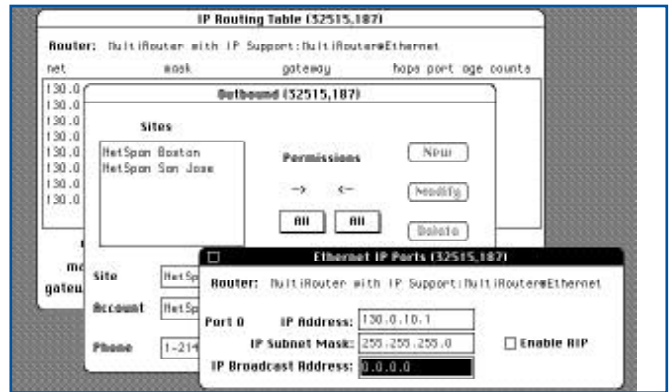
1.5" (3.8 cm) high by 7.3" (18.5 cm) wide by 9.5" (24 cm) deep; 2.4 lbs (1.08 kg)

Regulatory agency approvals

FCC Part A, UL, CSA. Call about European approvals.

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Route Manager software makes it easy to configure and manage MultiRouters from anywhere on the network.

Easy Network Configuration

MultiRouter units come packaged with Route Manager software for ease of installation and management. Route Manager offers many features that can help you expand and monitor your network. These include the following:

- Easy-to-use setup screens that let you choose the network or subnetwork numbers and other parameters of your network.
- An intuitive matrix of pop-up menus that give you the ability to hide ports from each other on a port-by-port basis.
- Options to connect phone lines manually, designate automatic reconnect if a line is dropped, or dial-back.
- Display of network and zone lists, device lists, routing tables, and MultiRouter statistics and status for monitoring your network.

MultiRouters also come with thorough documentation to help you install your hardware and use Route Manager efficiently.

If you want to know more...

Let us tell you more about how MultiRouters can help you expand your IP or AppleTalk network. Just call us or fax us at one of the phone numbers listed.

Available from