



MultiRouter[®] LT/Sync EN/Sync

Wide Area Routers

With Route Manager[™] Software

For IP and AppleTalk Phase 2 Networks

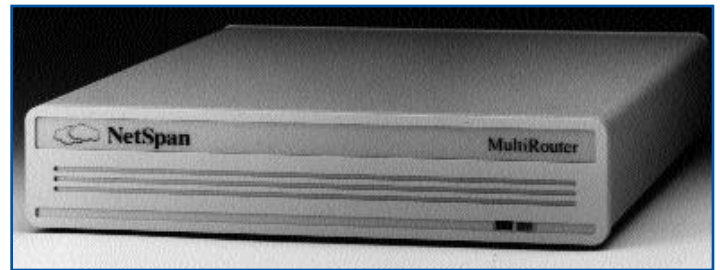
- *Interconnects two LocalTalk networks or one Ethernet network to remote networks using high-speed synchronous serial data services*
- *Supports IP and AppleTalk Phase 2 protocols*
- *Supports RS-232, RS-422, or V.35 interfaces*
- *Configurable from anywhere on the network with Route Manager software*

MultiRouter wide-area routers provide an easy way to expand your network to include remote sites. Two or more MultiRouter wide-area routers, linked by synchronous serial data services such as those provided by your phone company, can bring together remote Ethernet and LocalTalk networks.

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 network performance.

MultiRouter wide-area serial synchronous routers support both Ethernet-to-serial and LocalTalk-to-serial 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

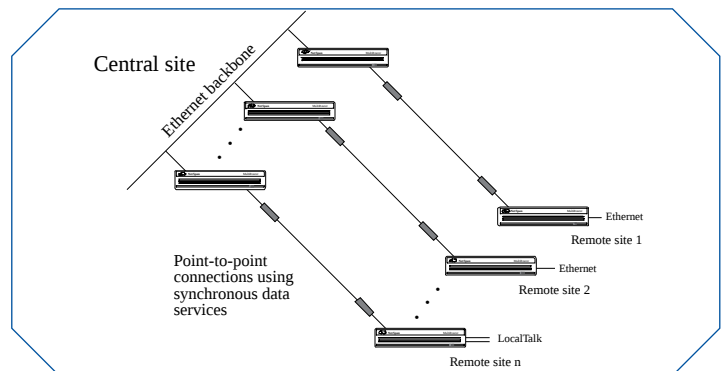
MultiRouter LT/Sync routers interconnect one or two LocalTalk networks to remote networks through a synchronous serial data service such as DDS or T1. For greater flexibility, the router supports local-area networks using either LocalTalk or telephone cabling.

The MultiRouter LT/Sync 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/from LocalTalk networks.

MultiRouter EN/Sync routers interconnect Ethernet networks or network backbone to remote networks using a synchronous serial data service such as DDS or T1. An LT/Sync unit can be upgraded to an EN/Sync unit as your networking needs grow.

Both models are designed to interconnect easily with standard data services. They connect to a standard CSU/DSU, T1 multiplexer, channel bank, or other device using an RS-232, RS-422, or V.35 interface at data rates up to 2 megabits per second.

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).

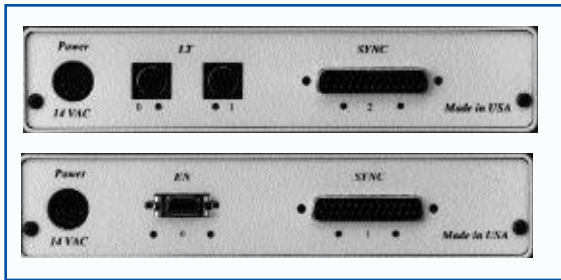


MultiRouter wide-area routers are designed for networking convenience and productivity. They are easy to install and manage, and they can be used to interconnect networks across town — or across the country.

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 230.4 kbps.

Serial interface

RS-232, RS-422, or V.35 with 25-pin D-type connector. Special cable required with RS-422 and V.35 versions. Data transfers up to 2 Mbps.

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

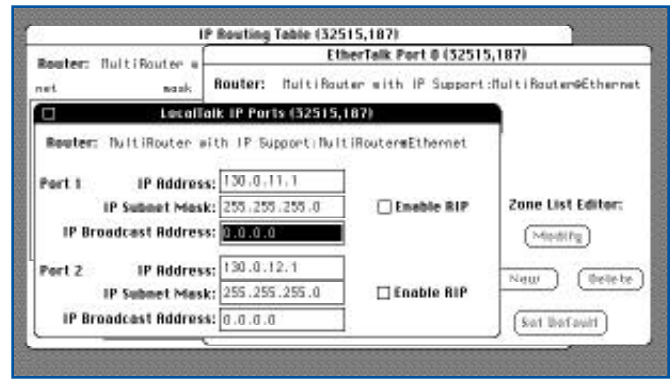
FCC 15 A, UL, CSA. Call about European approvals.



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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 the performance of your network. These include:

- Easy-to-use setup screens that let you choose the network or subnetwork numbers and other parameters of your network.
- Three different seeding options for enabling the MultiRouter to adjust its own configuration to that of an existing 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.
- Support for IP subnetting of network segments.
- 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 effectively.

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