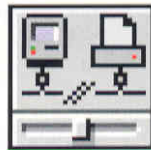




Apple LocalTalk Bridge



The Apple LocalTalk Bridge enables you to extend the networking reach of your current Macintosh system, whether you are running an Ethernet network or a Token Ring—only network. By effectively uniting two different networks, the Apple LocalTalk Bridge provides an inexpensive software solution that creates a single virtual network—eliminating the need to install a router or repeatedly switch network connections.

The Apple LocalTalk Bridge is a control panel device that bridges a LocalTalk network to another network selected from the Network control panel. This simple and effective solution allows you to upgrade some, or all, of your Macintosh computers to a higher-speed network (for example, Ethernet or Token Ring) while maintaining the ability to print to LocalTalk-only LaserWriter printers or share files with PowerBook computers that lack high-speed network capabilities. Similarly, if you have an Ethernet- or Token Ring-only network, the LocalTalk Bridge provides a convenient way for your LocalTalk-only PowerBook computer or Newton MessagePad communications device to gain access to network services.

Features

Ease of use

- Offers easy installation
- Configures simply; just run the installation program and restart the computer
- Eliminates the need to switch network connections whenever you want to print
- Eliminates the need to set network numbers

Flexibility

- Preserves your investment in LocalTalk printers and computers
- Makes it easy to upgrade your LocalTalk network to Ethernet or Token Ring
- Enables users to connect to and use LocalTalk-only devices such as some LaserWriter printers, PowerBook notebook computers, or Newton MessagePad communications devices from an Ethernet or Token Ring network
- Lets you access file servers, e-mail, host-based systems, and databases on an Ethernet or Token Ring network while maintaining a seamless connection to your LocalTalk network
- Supports multiple LocalTalk devices (up to 32 per bridged segment)

Compatibility

- Works with all Macintosh computers running System 7 or later software that are equipped with a LocalTalk connection and one other network (Ethernet, Token Ring, or Intra Red) connection
- Is compatible with Apple Internet Router 3.0.1 networks, Apple Remote Access, MacTCP, and the Apple IP Gateway

Security

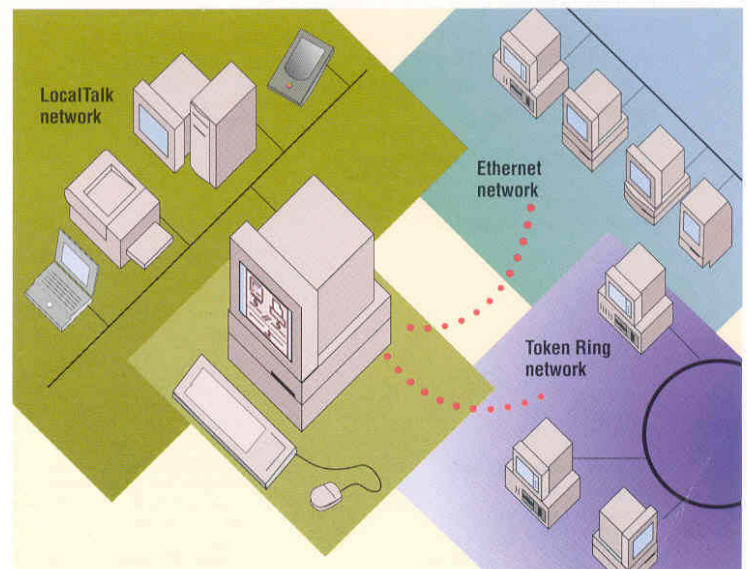
- Features a "Private" mode that allows users to determine whether to allow non-LocalTalk users access to their LocalTalk segments

Convenience

- Offers dynamic On/Off capabilities that allow users to maintain separate networks without having to restart
- Makes it easy to create, expand, administer, and troubleshoot your network
- Provides affordable plug-and-play LocalTalk to Ethernet or Token Ring network connection

Designed with the end user in mind, the LocalTalk Bridge features dynamic, user-selectable access modes. When access is set to "Private," the LocalTalk devices and services—such as LaserWriter printers and shared Macintosh volumes—are hidden from users on the Ethernet or Token Ring network, while LocalTalk-only devices retain full access to the services on both sides of the network. In contrast, when access is set to "Public," all devices are visible from both sides of the network.

Used in conjunction with the Apple Ethernet 10T/5 Hub and the appropriate media adapters, network cards, or connectors, the Apple LocalTalk Bridge can provide a complete upgrade to an integrated Ethernet or Token Ring and LocalTalk network without the high degree of cost and complexity normally associated with bridging or routing different networks. So if you want to upgrade or simply extend the network access of your current system—but don't want to spend a lot of time and money in the process—the Apple LocalTalk Bridge is the answer.



The LocalTalk Bridge can connect a LocalTalk network to either a Token Ring or an Ethernet network.



Apple LocalTalk Bridge

Ordering Information

Apple LocalTalk Bridge

Order No. M3246Z/A

- Apple LocalTalk Bridge software and installer
- *Apple LocalTalk Bridge User's Guide*

Apple Ethernet 10T/5 Workgroup Hub

Order No. M3351Z/A

Apple Ethernet Twisted-Pair Transceiver

Order No. M0437Z/B

Apple Ethernet NB Twisted-Pair Card

Order No. M1768Z/A

Apple Ethernet LC Twisted-Pair Card

Order No. M2460Z/A

Apple Ethernet CS Twisted-Pair Card

Order No. M3065Z/A

Apple Ethernet Thin Coax Transceiver

Order No. M0329Z/B

Apple Ethernet NB Thin Coax Connection

Order No. M3345Z/A

Apple Ethernet LC Thin Coax Connection

Order No. M3346Z/A

Apple Ethernet CS Thin Coax Card

Order No. M2708Z/A

Apple LocalTalk Locking Connector-DIN8

Order No. M2068LL/B

Apple LocalTalk RJ-11 Connector-DIN8

Order No. M1657Z/A

For more information about AppleTalk network design and management, see *Planning and Managing AppleTalk Networks* by Apple Computer, Inc., published by Addison-Wesley Publishing Company, Inc.

Product specifications are subject to change. Check with your authorized Apple reseller for the most current information about product specifications and configurations.

Technical Specifications

Network types supported

- Supports any AppleTalk network, including:
 - LocalTalk
 - Ethernet
 - Token Ring
 - Infra Red

Resulting bridged networks

- LocalTalk/Ethernet
- LocalTalk/Token Ring
- LocalTalk/Infra Red

Security options

- Public mode
 - Allows all users on both sides of the network to see all devices
- Private mode
 - Allows users on the LocalTalk side to connect to all services and printers
 - Allows the Macintosh functioning as the bridge to connect to all services and use all printers
 - Can prevent users on the Ethernet/Token Ring network from connecting to or printing on devices on the LocalTalk/Infra Red side of the network

Specifications

- Dynamic On/Off switch
- Supports multiple LocalTalk devices (up to 32)
- Control panel device

Compatibility

- Apple Internet Router 3.0.1
- Apple Remote Access 2.0 family of products
- AppleShare Client for Windows
- MacTCP

System requirements

- A Macintosh computer or Workgroup Server running Macintosh system software version 7.0 or later
- At least 70K of RAM
- An available LocalTalk port (usually the printer port)
- A LocalTalk connector and cable
- An Ethernet connection (via the built-in Ethernet port and media adapter or an Ethernet card) or a Token Ring connection (via a network card)
- Appropriate network cables

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February 1995. Product specifications are subject to change without notice. Printed in U.S.A.
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