EPSON

Interface Card for LocalTalk™

C82312*

English
Deutsch
Français
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— Increase the separation between the, equipment and receiver
— Connect, the equipment into, an outlet on, a, circuit different from that to which the receiver is connected
— Consult the dealer or an experienced radio/TV technician for help

This device complies with Part 15 of the FCC Rules Operation is subject to the following two conditions:
(I) this device may not cause harmful interference, and
(2) this device must accept any interference received,
including interference that may cause undesired opreration

FOR CANADIAN USERS

This, digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulation, of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioelectriques dépassant les limites applicables aux appareils numériques de Class B prescrites dans le règlement sur le broullage radioélectriqus édicté par le Ministere des Communications du Canada.

WARNING

The connection, of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification of this, device and may cause interference levels which exceed the limits established by the FCC for this equipment It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device If this equipment has more than one interface connector, do not leave cables connected to unused interfaces
Changes or modifications not expressly approved by Epson America, Inc , could void the user's authority to operate the equipment

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TABLE OF CONTENTS

INTRODUCTION 2
About this guide 3
What is AppleTalk® ? 3

INSTALLATION 4

SELF TEST 6
Jumper 6
Self-test printing 7

SPECIFICATION 8

INTRODUCTION

The Interface Card for LocalTalk C82312* is an interface that allows a Macintosh®-family computer to use an EPSON printer via an AppleTalk network. Once the interface card and appropriate driver are installed, the printer becomes a standard LocalTalk device that does not require special command sequences to initiate print jobs. The Interface Card for LocalTalk C82312* is a simple "plug and go" card, significantly reducing installation time and expense.

The interface card offers the following features:

- Easy installation
- No DIP switches to set
- An additional Macintosh compatible serial port that is compatible with most serial devices, for use in future network expansion.

The following Macintosh family computers can be connected directly via LocalTalk cabling:

Apple" Macintosh Plus, SE, Classic, Classic II, SE/30, LC, LC II, II, II x, II cx, II si, II ci, 11 fx, Portable, Quadra series, Powerbook series.

About this guide

This guide is designed to give you detailed information on how to install your C82312* LocalTalk Interface Card in an EPSON printer.

The C82312* package contains the following items:

- C82312* Interface Card
- Manual

In addition to these items, you must obtain a LocalTalk Locking Connector Kit Din-8 for your printer.

What is AppleTalk ?

AppleTalk is the local area network protocol developed by Apple Computer, Inc. as a standard for Macintosh computer communication. LocalTalk provides the physical link between devices and computers over the network. LocalTalk hardware is built into every Macintosh and Apple IIGS® and requires the appropriate twisted pair cabling to activate. The AppleTalk network system was designed as a seamless extension of the Macintosh, allowing easy access to remote resources and interaction with other users through personal computers.

INSTALLATION

The C82312* interface Card is designed for easy installation inside the printer. Installation or removal of the interface card is simple, and requires only a screwdriver and the printer manual.

The following section gives you detailed information on how to install your interface card in your EPSON printer.

Caution

- Turn off the power to the printer and the computer before installing the interface card. Make sure that all power and interface cables have been removed.
- Avoid touching the printer circuits or card circuit board contacts, as many of these components are sensitive to static electric charges that may build up on your body.

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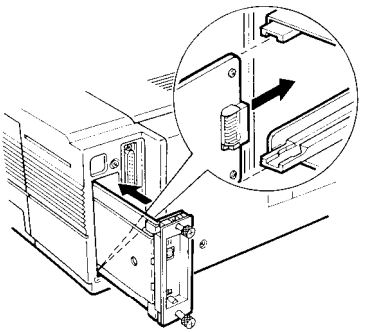
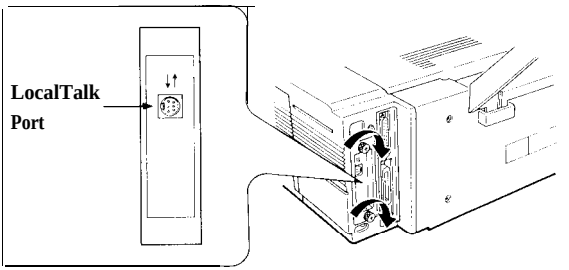
1. Use a screwdriver to remove the screws securing the shield plate; then lift off the plate.

2. Fit both sides of the interface card into the guides inside the compartment.

3. Insert the interface card until the interface pins mate with the connector inside your printer.



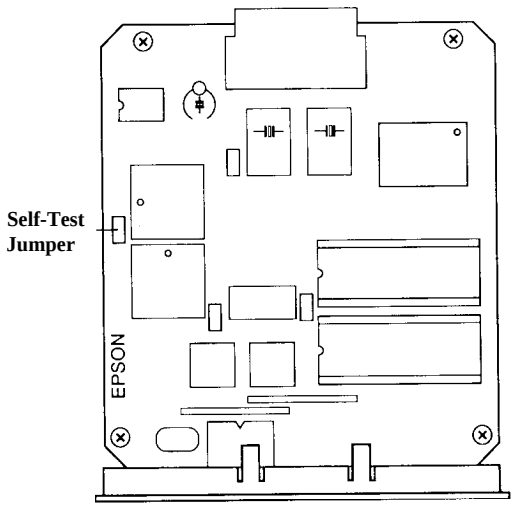
4. Secure the interface with the two screws



5. Attach your LocalTalk connector (not included) to the LocalTalk port of the interface card.

SELF TEST

The C82312* interface card has one jumper used for selecting the self-test function.



Jumper

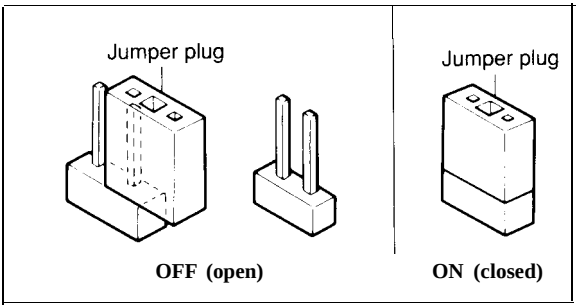
The jumper is a small terminal used for connecting or disconnecting a circuit. The jumper is on when the plug covers both wires of the terminal. Jumper settings can be changed by either attaching or removing the rectangular jumper plug. If the jumper is to be turned off, connect it to just one of the two terminal pins. By doing this, you can avoid losing the unused jumper plug.

Self-test printing

When the jumper is OFF, the interface card operates normally. When the jumper is ON, the printer starts self-test printing. The printout is always truncated at 80 columns.

To stop self-test printing, turn the printer power off and set the interface card jumper to the OFF position.

Jumpers



Note

The self-test printing function is not available for EPSON Page printers in PostScript™ mode. In this case, always leave the self-test jumper in its original position (OFF).

SPECIFICATION

LocalTalk Port

1. Compliancy:	Phase 1 and phase 2
2. Baud Rate:	230.4 kbps
3. Topology:	Parallel bus, low-resistance transformer isolated, floating ground
4. Signaling standard:	EIA standard RS-422, balanced voltage
5. Network signal rates:	Speed independent. Speeds in excess of 1 Mbps
6. Signal encoding:	FM0 (bi-phase) space
7. Frame format:	SDLC (Synchronous Data Link Control)
8. Maximum number of nodes per network:	Limited by traffic
9. Node Identification:	AppleTalk logical address is self-configuring; no user action required
10. Cabling:	AppleTalk 8-pin miniDIN

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