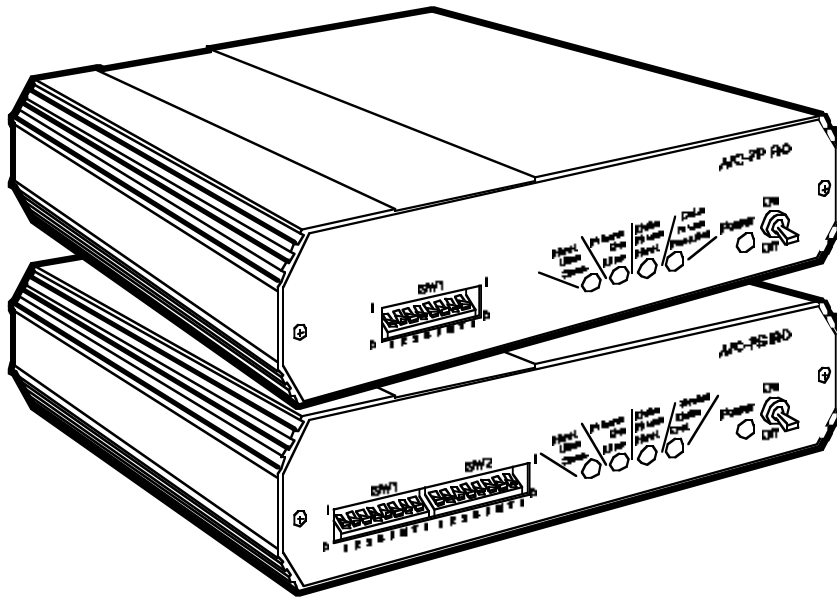




BLACK BOX[®]

NETWORK SERVICES

A/C-7 Series IBM Coax 3270 to ASCII Converters



Connect an inexpensive serial or parallel ASCII printer to a coax host.

Key Features

- ▶ Lets you attach virtually any ASCII printer to an IBM 30XX, 43XX, 937C host, or 3174, 3274, or 3276 controller.
- ▶ Reliably emulates IBM 3812, 4214, 4224, 3287, 3262, and 3268 printers.
- ▶ Includes an intelligent printer-sharing port.
- ▶ Supports bar-code and graphics printing.
- ▶ Full IBM compatibility.
- ▶ Easy setup with on-board configuration switches, Host/PC download commands, or the setup software.

The A/C-7P (RO) and the A/C-7S (RO) protocol converters emulate IBM[®] 3812, 4214, 4224, 3287, 3262, and 3268 SCS printers. So it's easy to save money by connecting affordable serial or parallel ASCII printers to a coax host.

And you can share your ASCII printer by simply attaching it to a PC/LAN network, since each protocol converter includes a standard printer-sharing port.

In addition, the A/C-7 series supports bar-code printing, including Code 3 of 9, Code 128, UPC A, EAN 8, EAN 13, Interleaved 2 of 5, and POSTNET. For added flexibility, bar-code height and width can be adjusted by entering a simple command string.

Thanks to an I-O Graphics Language[™] (IOGL[™]) feature, the protocol converters support the creation of graphic elements, such as lines, boxes, circles, bar charts, pie charts, and run charts. You simply create these elements from your IBM midrange or mainframe host and print them on a PCL[®] laser printer.

The A/C-7 series is downward-compatible with the A/C-5 and A/C-6 (RO) units, enabling mixed installations. Both A/C-7 models support HP[®] and Lexmark[®] color printers.

You can configure these protocol converters via front-panel DIP switches or host-download commands.

Other features include:

- Easy installation via standard cables.
- Support for duplexing, page rotation, COR, and fonts in laser-printer mode.
- Compatibility with popular bar-code and electronic forms software.

Typical Application

Connect an ASCII printer to your IBM host or controller. Share the same ASCII printer with a PC or LAN.

Share an inexpensive serial or parallel ASCII printer with a coax host and a PC or LAN.

Technically Speaking

The Converter has a variety of configuration switches and diagnostic LEDs conveniently located on its front panel.

The configuration switches set the output protocol and perform the test and diagnostic functions.

- The A/C-7P has one bank of switches.
- The A/C-7S has two banks of switches.

The Converter's LEDs include the following:

- Host Line Sync—Communication lines between the host and the interface are established when this LED is on.
- Printer Online—The printer is ready to receive data when this LED is on.
- Data from Host—The A/C-7 RO is currently processing data received from the coax host when this LED is on.

- Data from Parallel/Serial—The A/C-7 RO is currently receiving data from an attached PC or LAN. PC download commands or setup instructions sent from the setup software are processed, other data is transmitted to the printer.
- Power—The A/C-7 RO is powered on.

The Converter also has an On/Off switch, which is used to power on or power off the unit. Use this switch when asked to cycle power.

Share the Printer with a PC or LAN

The A/C-7P RO comes with a standard parallel sharing port, so you can share the attached printer between the host and a PC or LAN. The A/C-7S RO comes with a standard serial sharing port.

Additional equipment you may need:

- Coaxial cable
- PVC cable

For these and other components...

Call our expert Technical Support Staff for all your protocol converter needs. They'll help you find the best equipment for your application.

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
A/C-7P (RO) (parallel) (230 VAC)	PCD50AE
A/C-7S (RO) (serial) (230 VAC).....	PCD51AE

Remember to order cables...

Coaxial cable, 3.0-m (10-ft.)ETN62-0010-BNC

Specifications

Emulation — IBM® 3262, 3268, 3287, 3812-1, 4214, 4224 (all non IPDS™)

Systems Supported — ASCII printer, IBM® 30XX, 43XX, 937X host, or 3174, 3274, or 3276 controller

Indicators — A/C-7P (RO): (5) LEDs: Host Ready, Printer Ready, Data from Host, Data from PC/LAN, Power; A/C-7S (RO): (5) LEDs: Host Ready, Printer Ready, PC/LAN Ready, Data Out, Power

Connectors — PCD50A, PCD50AE: (1) BNC, (1) DB25 female, (1) 36-pin Centronics®; PCD51A, PCD51AE: (1) BNC, (1) DB25 female, (1) DB25 male

Power — 230 VAC, 50 Hz, 9-VAC wallmount transformer

Size — 5.3H x 13 Wx 16.5D cm (2.1"H x 5.1"W x 6.5"D)

Weight — 1.4 kg (3 lb.)