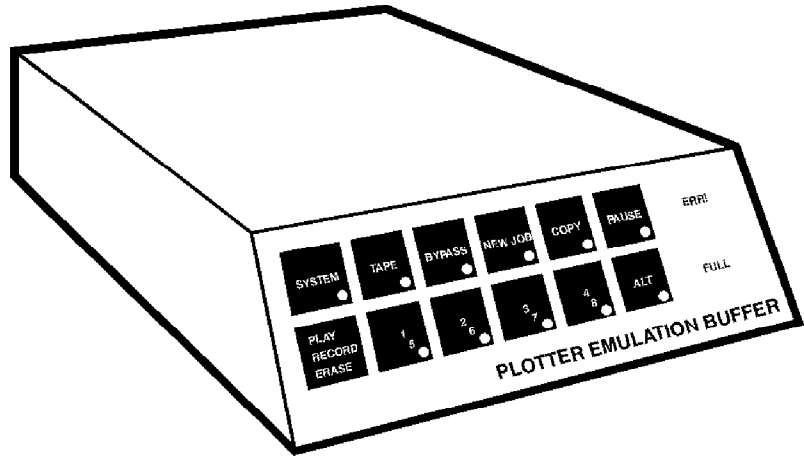




BLACK BOX®

© Copyright 1992. All rights reserved. Black Box Corporation.

Plotter Emulation Buffer



Have all the advantages of a large buffer that can handle graphics, interface with serial or parallel equipment, and be flexibly programmed.

Combines the functions of a printer buffer and a printer controller.

Collates multiple copies and can reprint any of your last four print jobs.

Interprets incoming data and passes or modifies specific sequences.

Keeps data safe if a plotter or printer malfunctions.

Makes incompatible serial or parallel equipment compatible.

Eight programmable buttons provide powerful flexibility for setting up your printing requirements.

Capabilities of the Plotter Emulation Buffer

The Plotter Emulation Buffer is an external buffer box that installs between your computer and any serial or parallel peripheral. It is actually a combination of printer buffer and printer controller. It is ideal for drafting or graphics-arts applications because it can respond to the special Hewlett-Packard® Graphics Language (HP-GL) commands used to control the plotter or printer.

Makes multiple collated copies of specific documents. On most printers, if you want multiple copies, you get three page ones followed by three page twos, etc. With this product, the pages are already collated. This saves considerable time that would normally be spent hand collating and the unit can keep track of the last four complete jobs.

Translates and filters data passing through the buffer. The unit can be set up to look at incoming data and modify or filter out specific characters, words, phrases, or control code sequences. This is useful any place special control characters are used that must be passed, generated, or interpreted between the computer and the printer. Among other things, this feature permits many possibilities including:

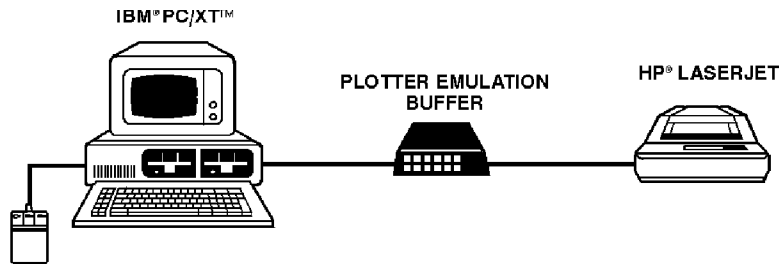
- Create commands that access your printer's special features not supported by your software.
- Replace your old ZIP code with your new nine-digit one.
- Adapt a printer to a program that normally can't drive it.

Helps recover and reprint a document in the event the printer or plotter malfunctions. With its large memory of one megabyte, your print job can be quickly and easily recovered should your printer or plotter suddenly be interrupted while printing.

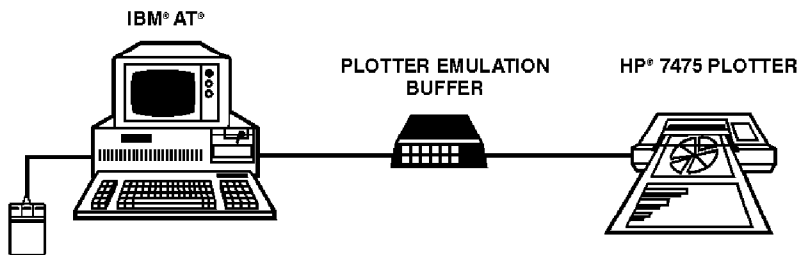
Adapts serial and parallel equipment. The unit can handle a serial device on the input and send its data to a parallel device on the output, . . . or vice versa. This means your unit doesn't become obsolete if you change equipment in the office.

The unit's macro function keys can be programmed to send control codes to a printer. It is possible, for example, to have a setup string stored for any of its eight numbered buttons. These strings can be used to do many things including setting a laser printer to landscape mode, setting a printer to condensed printing, or resetting a printer or plotter.

Connect the Plotter Emulation Buffer to a Graphics Printer



Connect the Plotter Emulation Buffer to a Plotter



Specifications

Indicators — (16) red LEDs for displaying printer/plotter status, visual feedback of keypad, error messages, and pause

Controls — 12-key keypad for manual control of selective reprinting, pause, and bypass selection, control strings; (1) reset pushbutton

Data Format — Serial : 7 or 8 data bits per word; 1 or 2 stop bits; even, odd, or no parity

Flow Control — Serial handles XON/XOFF and/or Hardware handshaking.

Parallel input handles Busy & Ack handshaking.

Parallel output handles Busy handshaking.

Speed — Serial: 150, 300, 600, 1200, 2400, 4800, 9600, 19200, or 38400 bps

Memory — 1 megabyte

Certifications — FCC Class A, UL® listed, CSA listed

Interface — Serial or Parallel

Connectors — (2) DB25S female, (1) power

Power — 115 VAC, 60 Hz; 230 VAC, 50 Hz

Size — 1.9" H x 6" W x 8.4" D (4.7 x 15.21 x 21.3 cm)

Weight — 2.4 lb (1.1 kg)

Getting the Most out of the Buffer

CAD and graphics software users will appreciate the powerful flexibility of this printer/plotter buffer. Its ability to handle serial or parallel equipment, filter data that passes through it, and handle both graphics and text makes it an ideal choice for the modern office.

We carry a full line of interconnecting cables to make your installation quick and easy. Call us with your special pinning questions.

Package includes the Plotter Emulation Buffer, external power transformer, 5 1/4" diskette for setup, and comprehensive manual.

Order Information

Product **Order Code**
Plotter Emulation Buffer — PI016A