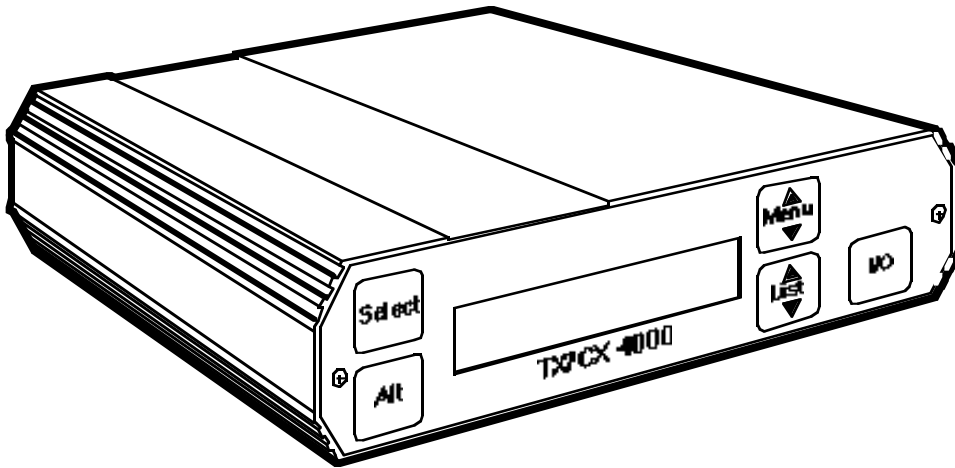


# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

TX/CX 4000



*True IBM emulations with proven twinax and coax compatibility.*

### Key Features

- ▶ *State-of-the-art LCD front panel with real-time print status.*
- ▶ *Enables most ASCII parallel and serial printers to attach directly to an AS/400<sup>®</sup>, System/3X twinax, or 3270-type coax host.*
- ▶ *Automatically adjusts to the host's environment.*
- ▶ *Serial and parallel auto print-sharing with full-size connectors.*
- ▶ *Generic output protocol (carriage return and line feeds) available.*

The TX/CX 4000 makes it easy to connect your host to a dot-matrix printer. It connects almost any dot-matrix PC printer with a serial or parallel port to an IBM<sup>®</sup> AS/400<sup>®</sup>, System 3/X, or 3270-type mainframe host, or to a controller.

Setup is easy via the front panel or through the host/PC download commands. And the TX/CX comes with the best printer emulations in the industry: the 4224, 4214, 5224/24/56, and 3287/68/62.

When connected to an HP<sup>®</sup> PCL<sup>®</sup> or compatible laser printer, the TX/CX can be configured to emulate the IBM 3812-1 (without IPDS) system laser printer.

For IBM Proprinter<sup>®</sup> II, III, PPDS, and Epson DFX+, DFX (9-pin), LQ (24-pin), and ESC/P2 type

printers, IBM 4214-2, 5224-1, 5225-1, and 5256-3 (twinax) printer emulations are available.

For coax printing, 3287, 3268, 3262, 4214-1, and 4224 printer emulations are available.

In addition, the TX/CX 4000 printer interface offers a generic (carriage return and line feeds) output protocol.

Standard connectors for both parallel and serial cables allow the TX/CX to change with your printing needs. The TX/CX allows printer sharing of up to two PCs

(parallel and serial), an IBM coax or twinax host connection, and a choice of using a parallel or serial printer.

The TX/CX supports APF/BGU printing across all IBM matrix printer emulations.

### Typical Application

*Connect an AS/400<sup>®</sup>, System/3X, or 3270 host to an ASCII printer.*

*Connect any ASCII printer to a twinax or coax host with the TX/CX 4000.*

**Technically Speaking**

The TX/CX has a convenient LCD front panel that's easy to configure and use.

- LCD Display shows the current status of the TX/CX 4000 and is used to run tests and configure the settings. During operational mode, the top line displays S3X/AS-400 (Twinax), 3270 Coax, and Host Communication Status (Sync or No Sync) mode. The lower line displays "Active Input" (left), "Output Printer" (center), and "Printer Status" (right).
- Select—While the operator is viewing different options, pressing "Select" will select the displayed option as the active option.
- Alt—Pressing "Alt" modifies the displayed option.
- Menu—Pressing "Menu" moves to the next menu group, if possible. When the TX/CX is in operating mode, pressing "Menu" places the TX/CX into configuration mode.

- List—Pressing "List" displays the next setup item.
- I/O—Powers the TX/CX ON and OFF.

You can tailor the TX/CX to your configuration with these menus and options:

- Test menu: Self-test printout, Twinax diagnostics, Hard loopback.
- Basic setup: Address, Host language, Buffer print, Output printer, Output port, Out baud, Out word, Out stop, Out parity, Input baud, Input word, Input stop.
- Advanced setup: Twinax drive, Host timeout, P/S timeout.
- Emulation setup: Matrix or Laser printing options.

Additional equipment you may need:

- Twinaxial cable
- Coaxial 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
TX/CX 4000 .....	PCA40AE

***Remember to order cables...***

Twinaxial Cable, 10-ft. (3.0-m) .....	EWN010-0010
Coaxial Cable, 10-ft. (3.0-m).....	ETN59-0010-BNC

**Specifications**

**Emulation** — Printer: IBM 3270, 3287/68/62, 4214, 4224 (non IPDS™), 5224, 5225, 5256; Host: IBM 3270, 5250, AS/400, S/3X, 30XX, 43XX, 937X, 3X74, 3276

**Hardware Requirements** — ASCII parallel or serial printer

**Software Requirements** — No special host drivers needed

**Interface** — Twinax/coax, Centronics® parallel, RS-232 serial

**Connectors** — Serial out: (1) DB25 male; Parallel out: (1) DB25 female; IBM Host: (1) DB9 male (DB9 coax to twinax "T" included); Serial in: (1) DB25 female; Parallel in: (1) 36-pin Centronics female

**Indicators** — Front-panel LCD display

**Temperature** — Operating: 40 to 110° F (4 to 45° C); Storage: 32 to 158° F (0 to 70° C)

**Maximum Relative Humidity** — 85%, noncondensing

**Power** — 1 A output current; PCA40AE: 230 VAC, 50 Hz, 9 V output voltage, 1 A output current

**Size** — 5.1H x 16.3W x 13.9D cm

**Weight** — 1.4 kg