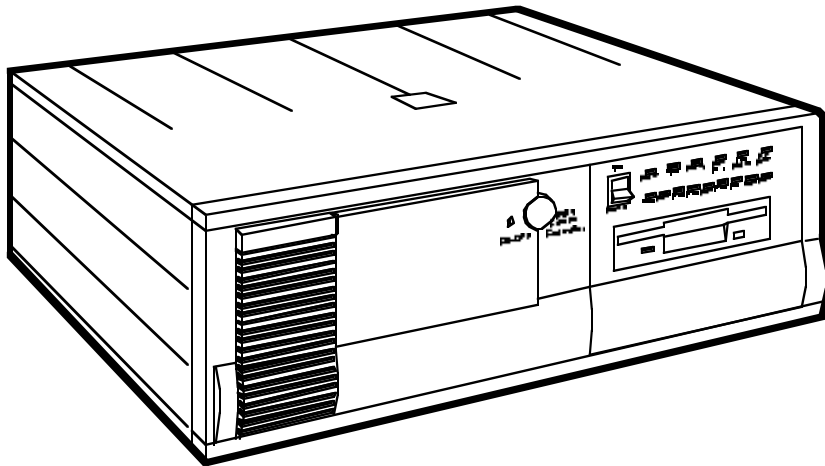# ◆® BLACK BOX®
NETWORK SERVICES

5494 Remote Controller

The one-box solution: LAN/WAN and twinax connectivity for IBM midrange hosts.

Key Features

▶ *Attach it to an IBM AS/400 host in 5494 native mode.*

▶ *PC397C supports up to 14 twinax attached devices.*

▶ *Only one modem required for attachment of up to 84 devices.*

▶ *IPDS printer support.*

▶ *Compatible with OfficeVision/400, DisplayWrite/36, and Text Management/38.*

▶ *Customer field-upgradable.*

Overview

The 5494 Remote Controller offers a variety of configuration options that provide both LAN and twinax connectivity to IBM midrange hosts.

As a LAN device, the Remote Controller connects legacy twinax devices, such as IPDS and SCS printers and non-programmable display stations, to an AS/400 through either an Ethernet or Token Ring LAN/WAN. SDLC configurations support either Ethernet or Token Ring LAN access to the AS/400 along with any combination of up to 84 twinax devices.

Twinax applications benefit from the Remote Controller's capability to emulate, simultaneously if you want, IBM 5494, 5394, and 5294 remote controllers. It supports many IBM functions, such as auto-configuration or auto-device recognition, SNA/SDLC communications protocol, V.35, V.24, or X.21 interfaces, and IPDS and SCS printers. The Remote Controller also works with Client Access/400, PC Support, OfficeVision/400, TextManager/38, DisplayWrite/36, Type Ahead, Copy-to-Print, and more. Enhanced features include the ability to scale twinax device support from 8 to 84 devices in increments of 8 or 14. And the diskette-based software with transferable configuration data allows simple, hassle-free upgrades.

Typical Application

You can configure this versatile controller to replace many different kinds of IBM devices:

• *Up to three 28-device IBM® 5494s on the AS/400®.*

• *A 56-device IBM 5494 on the AS/400.*

• *Up to six 14-device IBM 5494s on the AS/400.*

• *Up to six 8-device or 14-device 5394s on the AS/400.*

• *Up to three 16-device or 21-device IBM 5394s on the AS/400.*

• *Up to six 8-device IBM 5294s on the AS/400, System/38, or System/36.*

• *One APPC controller on the AS/400 for Ethernet or Token Ring LAN gateway support (up to 80 LAN devices supported).*

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Specifications

Compatibility — Replacement for the IBM 5494, 5394, or 5294

Protocol — SNA/SDLC and 802.2

Line Speed — Supports high-speed communications up to 128,000 bps in SNA/SDLC mode over a V.35 or X.21 physical interface or 19,200 bps over an EIA/232D/V.24 interface

Software — (2) 3.5" disks, one original and one backup; diskette-based software for easy upgrades, troubleshooting, and operation

Indicators — Front-panel status indicators, diagnostic LEDs on the twinax cards

Approvals — UL, DSA, FCC A, VDE B, DISPR 22, CE, GS

Temperature — 5 to 45° C

Relative Humidity Tolerance — 20 to 80%

Power — 115 VAC, 60 Hz, 6 amp; 230 VAC, 50 Hz, 3.5 amp; 200 watts

Size — 15.6 x 40.3 x 40.1 cm

Additional equipment you will need if you're making non-LAN connections to an AS/400:

For modem connections:
- X.21 Cable for PC394A-R3 (EHN060-0020)
- RS-232 Cable for PC394A-R3 (EHN061-0020)
- V.35 Cable for PC394A-R3 (EHN062-0020)

For direct connections:
- X.21 Modem Eliminator Cable for PC394A-R3 (EHN063-0020)
- RS-232 Modem Eliminator Cable for PC394A-R3 (EHN064-0020)
- V.35 Modem Eliminator Cable for PC394A-R3 (EHN065-0020)

For these and other components...

Call our expert Technical Support Staff for all your 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
5494 Remote Controller	PC394A-R3
Twinax Expansion Card	PC394C
Token Ring Card	PC395C
Ethernet Card	PC396C
14-Device Expansion Card	PC397C