

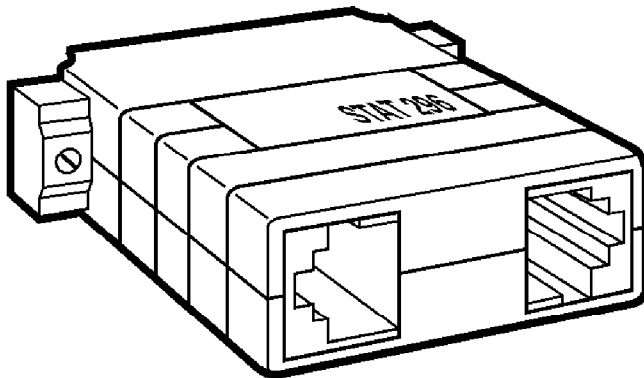


BLACK BOX[®]

The Source for Connectivity[®]

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2-Channel Stat Mux



*Connect a second
async device to your
dialup or leased line—
without a second
modem or phone line.*

About the size of a D-shell connector, the 2-Channel Stat Mux easily attaches to your PC.

Key Features

- ▶ *Eliminates the expense of additional modems and phone lines.*
- ▶ *Needs no external power supply.*
- ▶ *Senses control signals and reconfigures.*
- ▶ *Configures each channel independently.*
- ▶ *Permanently stores system configuration.*
- ▶ *Prioritizes channels by rates.*

Overview

Use the 2-Channel Stat Mux to connect a second PC or any other async device to your dialup or leased line—without the expense of additional modems and phone lines. And don't compromise on speed, either. Both asynchronous channels run 110-9600 bps to a single communication link operating at up to 9600 bps.

Easy to install, the Mux needs no external power supply if you use it with an AC-powered modem. It derives its power from the RS-232 interface.

More than just a simple adapter, the Mux senses control signals and automatically reconfigures for changes in DTE/DCE and baud rates. It also adjusts to match activity level, giving you optimum throughput.

The Mux independently configures four parameters for each channel—baud rates, parity, framing, and flow control. For configuration and diagnostic tests of a local and remote modem, the Mux provides a command facility from Channel 1.

The Mux permanently stores system configuration in nonvolatile memory. It executes diagnostic tests—

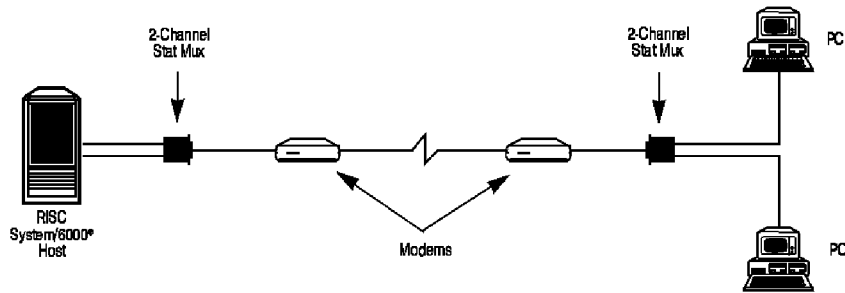
including local and remote loopback—on channels, the communication link, and system hardware, so you'll be aware of potential problems before they become full-blown. The Mux even maximizes throughput by prioritizing channels according to data rates.

Typical Applications

Use the 2-Channel Stat Mux in any type of environment—home offices, branch offices, universities, financial institutions, government offices, and public utilities—with four personal telephone lines.

Or mix and match: Use the Mux with up to four personal, business, or fax lines.

The 2-Channel Stat Mux is tiny and lightweight—use it anywhere.



Technically Speaking

The 2-Channel Stat Mux includes three serial connectors: a DB25 male connector for a modem and two RJ-45 connectors for serial devices such as computers, or terminals. Since the Mux draws its power from the signals sent by the attached modem, it needs no power connector and no internal batteries.

Each Mux offers you end-to-end flow control between a local serial device (connected to the local Mux) and its

remote counterpart (connected to the remote Mux). For end-to-end control, the Mux features both software flow control (X-ON/X-OFF) and hardware flow control (CTS/DTR). Software flow-control characters are passed through without modification.

Each channel port of the 2-Channel Stat Mux automatically matches the configuration of your serial device, eliminating the need for null modem cables.

You also can configure each channel independently. All settings for baud rate, parity, and flow control are stored in the RAM.

Note: The 2-Channel Stat Mux works with async modems only and must be used in pairs.

The Complete Package

What you get when you order the 2-Channel Stat Mux.

- ◆ 2-Channel Stat Mux
- ◆ User's Manual

Additional equipment you may need

- ◆ Modem
- ◆ CSU/DSU
- ◆ To DTE/Adapter Kit (female or male)

For these and other components...

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

Specifications

2-Channel Stat Mux

Speed — Subchannels: 110-9600 bps, selected or autodetect;
Main channel: 1200-9600 bps, selected

Protocol — Asynchronous, full-duplex

Flow Control — Local: Hardware CTS/DTR;
End-to-end: Hardware CTS/DTR and software X-ON/X-OFF

Data Format — 7 or 8 data bits, odd/even/no parity, 1 or 2 stop bits

Diagnostics — Local and remote loopback

Interface — V.24/RS-232C

Power — Derived from the modem's RS-232 signals

Size — 0.7"H x 2.6"W x 2.1"D (1.8 x 6.6 x 5.3 cm)

Weight — 0.1 lb. (<0.1 kg)

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
2-Channel Stat Mux	MX900A
To DTE/Adapter Kit (female)	MX530
To DTE/Adapter Kit (male)	MX531