

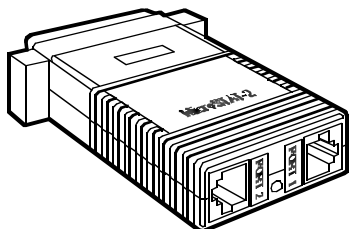


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# BLACK BOX®

## The World's Source for Connectivity<sup>SM</sup>

### MicroStat-2



*Double the efficiency of a dialup or leased-line modem link.*

#### Key Features

- ▶ *Multiplexes two RS-232 devices into one RS-232 modem link.*
- ▶ *Merges data channels into one data stream, transmits them, and then separates them into their original channels.*
- ▶ *Command mode uses standard AT commands, just like an ordinary modem.*
- ▶ *Supports end-to-end flow control on all ports.*
- ▶ *Requires no AC power or batteries.*

#### Technically Speaking

The MicroStat-2 is a miniature statistical multiplexor that multiplexes two async channels over one async connection. The mux on the other side then demultiplexes the data, allowing two async serial connections at the same time over one line.

Its operating data rate goes up to 38.4 Kbps, and it uses specialized circuitry to monitor and prioritize data flow.

The MicroStat-2 automatically senses the data rate of the local DTE device upon start up. And you can configure local and remote multiplexors from either of

the local ports. It also features remote loopback tests and hardware and software flow control.

The MicroStat-2 includes three serial connectors: a

DB25 male connector for attaching to a modem, and two RJ-45 connectors for attaching to serial devices such as computers, terminals, or plotters.

### Ordering Information

*This information will help you place your order quickly.*

PRODUCT NAME	ORDER CODE
MicroStat-2 .....	MX910A

NOTE: The MicroStat-2 must be used in pairs.

#### You may also need:

RJ-45/DB25 to DTE Adapter Kits

Female .....	MX530
Male .....	MX531

#### Specifications

**Subchannels (Serial Devices)**

**Interface** — RJ-45, V.24/RS-232C

**Configuration** — DCE

**Transmission** — Asynchronous, full duplex

**Baud Rate** — 110, 300, 1200, 2400, 4800, 9600, 19,200, 38,400 bps, selectable or auto-detected

**Word Size** — 7 or 8 data bits

**Parity**— Odd, even, mark, space, or none

**Stop Bits** — 1 or 2

**Flow Control** — Hardware (RTS/CTS), software (X-ON/X-OFF)

**Main Channel (Modem)**

**Interface** — DB25 male, DTE, V.24/RS-232C

**Transmission** — Asynchronous, full duplex

**Flow Control** — RTS/CTS or no flow control

**Baud Rate** — 1200, 2400, 4800, 9600, 19,200, 38,400 bps selectable

**Temperature** — 32 to 158° F (0 to 70° C)

**Humidity** — Up to 95%, noncondensing

**Altitude** — Up to 15,000 feet (4570 m)

**Mean Time Between Failure (MTBF)** — 184,145 hours

**Power** — Derived from the RS-232 interfaces; Pins 5, 6, and 9 on main channel DB25; Pins 3 and 8 on subchannel RJ-45; 7 to 15V with 30 to 500 mA

**Size** — 2.7"H x 2.1"W x 0.75"D (6.9 x 5.3 x 1.9 cm)

**Weight** — 0.1 lb. (0.05 kg)