Ground

ON CTRL   53 msce. 6.6 msec. 0 msec.   ON CTRL

CD 2   Delay 1   CD 1

Rate Selection   Delay 2

1.2 Kbps 2.4 Kbps 4.8 Kbps 9.6 Kbps 19.2 Kbps   53 msce. 6.6 msec. 0 msec.

DB25 Male/Female Connector

DB25 Male/Female Connector

ME900A

OPERATION:

The NPR-SME replaces two synchronous modems by permitting direct, port-to-port connection between a synchronous terminal and a host computer. It eliminates the need for two synchronous modems and thus provides significant cost savings when direct connection is required. The NPR-SME provides strapping options to emulate a dial-up or dedicated service.

INSTALLATION:

Installation of the NPR-SME is straight-forward and simple; no tuning is required.
1. Open the unit by pressing the marked places on the sides.
2. Choose the mode of operation according to the table below.
3. Close the unit and plug it directly into the computer and terminal cables.

SPECIFICATIONS:

Interface: RS-232-C/V.24

Data Format: Synchronous or Asynchronous

Operation: Emulates half- or full-duplex dial-up or dedicated line.

Speed: Selectable 1200, 2400, 4800, 9600, or 19,200 bps

Range: 50 ft. (15 m) at 9600 bps. Range extends at lower bit rates and decreases for higher bit rates (depending upon the environment)

RTS/CTS Delay: 0, 6.6, or 53 msec.

DCD: Continuous or terminal controlled

Ring Indicator: Constantly ON

Connectors: (2) female/male 25-pin RS-232C connectors (depending on the model)

Power: 6VDC minimum from both RS-232 interfaces.

STRAP IDENTITY	FUNCTION	POSSIBLE POSITION	NORMAL FACTORY SETTING
Rate Select	Selects the rate at which data is transmitted.	1.2 Kbps 2.4 Kbps 4.8 Kbps 9.6 Kbps 19.2 Kbps	9.6 Kbps
Delay 1	Selects Modem 1 delay between receipt of RTS (CA) and CTS (CB)	0 msec. 6.6 msec. 53 msec.	6.6 msec.
Delay 2	Selects Modem 2 delay between receipt of RTS (CA) and CTS (CB)	0 msec. 6.6 msec. 53 msec.	6.6 msec.
Carrier Detect 1	**ON:** Modem 1 CD is constantly on **CTRL:** Modem 1 CD is controlled by port 2 RTS	ON CTRL	ON
Carrier Detect 2	**ON:** Modem 2 CD is constantly on **CTRL:** Modem 2 CD is controlled by port 1 RTS	ON CTRL	ON
Ground	Connects protective ground to signal ground	IN OUT	IN