BLACK BOX®
NETWORK SERVICES

SYNC MODEM ELIMINATORS-NONPOWERED (SME-NPR)
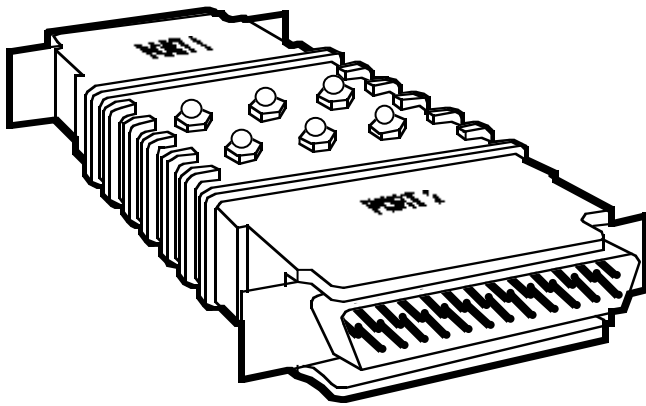
*Interconnect sync
equipment without
a modem.*

Key Features

▶ *Depending on the model, you can transmit at speeds up to 224 kbps.*

▶ *All models emulate switched or dedicated services and can transmit in half- or full-duplex.*

▶ *Enable two RS-232 DTE devices to exchange sync data without the need for expensive synchronous modems.*

▶ *Easy to install and configure.*

▶ *Choose between high-speed and standard models.*

Sync data transmission meets savings with our Synchronous Modem Eliminators-Nonpowered (SME-NPR). They enable two RS-232 DTE devices (terminals, PCs, mainframes, workstations, etc.) to exchange sync data without the need for expensive synchronous modems. Choose between high-speed or standard models.

The **High-Speed Sync Modem Eliminator-Nonpowered (ME242A-M)** supports six selectable rates, from 7 kbps up to 224 kbps. To emulate switched or dedicated service, the delay can be set to either 0 or 6.6 ms. The carrier can

be configured as "constantly on" or "controlled by RTS."

Tri-state LEDs monitor receive data, request to send, and data carrier detect on each side of the device.

Our standard **Synchronous Modem Eliminators-Nonpowered (ME240A and ME900A)** are available with top speeds of 38.4 or 19.2 kbps.

LEDs monitor data transmission, request to send, and data carrier detect on each side of the device.

To emulate switched or dedicated service, the delay can be set to 0, 6.6, or 53 ms.

The carrier can be configured as "constantly on" or "controlled by RTS."

The ME900A is similar to the ME240A, and its top speed is 19.2 kbps.

All of our Synchronous Modem Eliminators-Nonpowered (SME-NPR) units derive their power from the RS-232 interface. The SME-NPRs feature either two male or female DB25 connectors. In addition, these units are all able to transmit in half- or full-duplex.

For any questions on these or other BLACK BOX® products, call our Tech Support team.

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognise any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls short of their expectations— and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

Technically Speaking

Save money—use just one modem eliminator to connect a local terminal and computer port instead of the pair of modems you'd normally use. Plus, a modem eliminator enables DCE-to-DTE data and control-signal connections that are not easily achieved by standard cables or connectors in a synchronous environment.

A modem eliminator simulates a sync data link two ways: First, it provides clocking, which is mandatory for sync devices to communicate. Second, it provides the handshaking that DCEs do.

Specifications

Operation: Emulates point-to-point, half- or full-duplex switched or dedicated line

Speed:
ME242A-M: 7, 14, 28, 56, 112, or 224 kbps (selectable);
ME240A:
From internal clock: 1200, 2400, 4800, or 9600 bps; 19.2 or 38.4 kbps (selectable);
From external clock: 38.4 kbps;
ME900A: 1200, 2400, 4800, or 9600 bps; 19.2 kbps (selectable)

Ring Indicator: Constantly ON

DCD: Constantly ON or controlled by RTS (selectable per port)

RTS/CTS Delay:
ME242A-M: 0 or 6.6 ms (selectable per port);

ME240A, ME900A: 0, 6.6, or 53 ms (selectable per port)

Interface: RS-232 synchronous

Connectors: (2) DB25 M or F

Power: From the interface

Size: 1.2"H x 2"W x 5.3"D (3 x 5.1 x 13.5 cm)