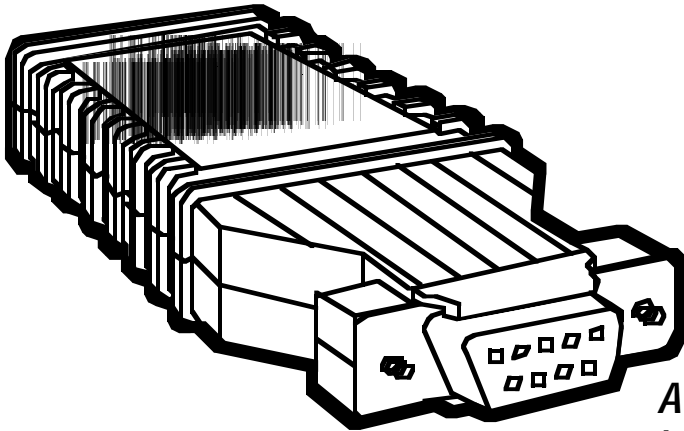


# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### MINI DRIVER MP9



*A compact DB9 Multipoint Line Driver that supports up to 50 terminal drops—without AC power.*

#### Key Features

- ▶ **Now with a DB9 interface.**
- ▶ **Surge protection built-in.**
- ▶ **Supports point-to-point or multipoint applications.**
- ▶ **Links up to 50 high-speed devices to an asynchronous host.**
- ▶ **Runs at speeds up to 230 kbps.**
- ▶ **Interface powered.**

Now, our popular Mini Driver is available with a DB9 interface, so you can use it with any device that features a standard DB9 serial port, including most laptops. Best of all, you can make the connections without crossover cable, thanks to an easy-to-access DCE/DTE switch.

The Mini Driver supports both point-to-point and multipoint applications over one pair (half-duplex) or two-pair (full-duplex) wire. Point-to-point distances can reach up to 24 km (15 miles). In multipoint mode, the Driver handles up to 50 drops.

In addition, the Mini Driver supports data rates of up to 230 kbps and distances of up to

4.8 km (3 miles) away. (See the distance chart on page 2.)

Because the Mini Driver is self-powered from interface signals, there's no need for an external power supply—even when the Driver is connected to a rudimentary RS-232 interface.

Thanks to its slim size, the Mini Driver can be connected directly to devices with densely populated RS-232 ports.

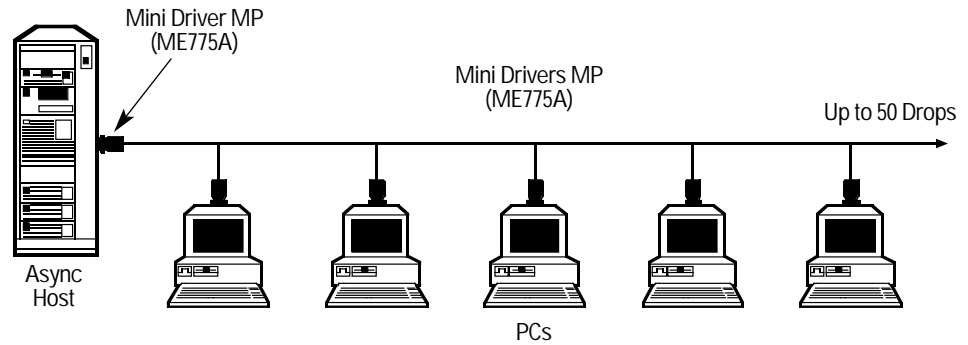
The Mini Driver is backward compatible, too, so it works with the Mini Driver MP/RJ-11 (ME772A) and the Mini Driver MP/RJ-45 (ME773A).

Choose from three DB9 models—Terminal Block, RJ-11, and RJ-45. Each model may be

ordered with surge protection with male or female genders. The surge protection models guard against transient surges, so you won't have to spend more money on external surge protector units.

NOTE: Order one Mini Driver MP9 for each attached device.

*In a multipoint application, the Mini Driver MP can connect up to 50 high-speed devices to an async host.*



## Technically Speaking

- The Mini Driver MP9 features variable high/low impedance settings. It also operates with or without transmit echo, so you can fine tune impedance and echo characteristics to fit your specific application.
- Each model includes built-in surge protection that guards

against transients. A transient is an abrupt change in voltage, of short duration, for example a brief pulse caused by the operation of a switch. While transients are not as spectacular as lightning strikes, they can damage your equipment.

## Specifications

**Multipoint:** 50 drops

**Operation:**

- 2- or 4-wire, half- or full-duplex;
- ME775A: (1) 5-screw Terminal;
- ME776A: (1) RJ-11;
- ME777A: (1) RJ-45

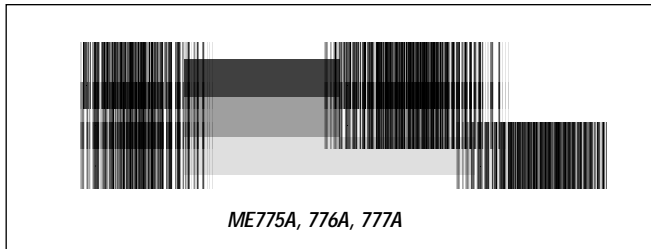
**Protocol:** Asynchronous

**Power:**

- DTE Mode: Pins 3, 5, 6, 8, 9;
- DCE Mode: Pins 2, 4, 9, 20

**Size:** 2H x 3.3W x 6.4D cm  
(0.8"H x 1.3"W x 2.5"D)

**Weight:** 0.1 kg (0.2 lb.)



## Additional equipment you may need

- Twisted-pair cable.

## Ordering Information

ITEM	CODE
Mini Driver MP	
DB9/Terminal Block with Surge Protection	
Male.....	ME775A-MSP
Female.....	ME775A-FSP
DB9/RJ-11 with Surge Protection	
Male.....	ME776A-MSP
Female.....	ME776A-FSP
DB9/RJ-45 with Surge Protection	
Male.....	ME777A-MSP
Female .....	ME777A-FSP