



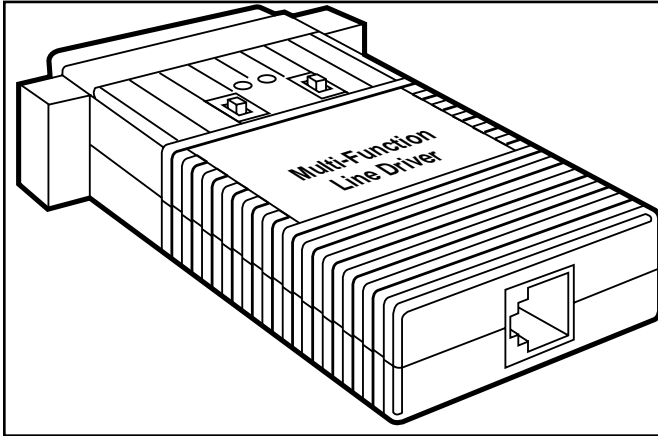
© 2005. All rights reserved.  
Black Box Corporation.

# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

Black Box Corporation • 1000 Park Drive • Lawrence, PA 15055-1018 • Tech Support: 724-746-5500 • www.blackbox.com • e-mail: info@blackbox.com

### MULTI-FUNCTION LINE DRIVER



*Use this line driver in just about any RS-232 UTP or STP application.*

#### Key Features

- ▶ **Speeds up to 38.4 kbps.**
- ▶ **Distances up to 6 miles (9.7 km).**
- ▶ **Async or sync operation, point-to-point or multipoint.**
- ▶ **Transformer isolation and surge protection.**

Operating asynchronously or synchronously, the Multi-Function Line Driver supports data rates up to 38.4 kbps and distances up to 6 miles (9.7 km).

The line driver will operate over 4 wires in point-to-point or multipoint environments. In synchronous mode, the Multi-

Function Line Driver supports internal, external, or receive loopback clocking.

Two V.54 and two V.52 BER test modes can be activated via the RS-232 interface. Built-in LEDs let you monitor test mode operation. With transformer

isolation and surge protection, your data is safe.

The Multi-Function Line Driver is designed to plug directly into the RS-232 interface. Twisted-pair wire is connected using an RJ-45 connector or terminal blocks with strain relief.

#### Specifications

**Clocking:** Internal, external, receive  
**Distance (Maximum):** 6 mi. (9.7 km)  
**Speed (Maximum):** 38.4 kbps  
**Line Type:** (2) twisted pair  
**Operation:** 4-wire, full duplex, point-to-point, or multipoint  
**Protocol:** Asynchronous or synchronous  
**Interface:** RS-232 (DCE)

**Connectors:** ME657A-M: (1) DB25 M, (1) terminal block;  
 ME657A-F: (1) DB25 F, (1) terminal block;  
 ME659A-F: (1) DB25 F, (1) RJ-45  
**Indicators:** BERT, Loop  
**Power:** 6 VDC from the interface, Pins 4, 9, 20  
**Size:** 0.8"H x 2.1"W x 3"D (2 x 5.3 x 7.6 cm)  
**Weight:** 0.1 lb. (<0.1 kg)

#### Ordering Information

ITEM	CODE
Multi-Function Line Driver	
DB25 Male, Terminal Block.....	ME657A-M
DB25 Female, Terminal Block.....	ME657A-F
DB25 Female, RJ-45.....	ME659A-F

## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>