



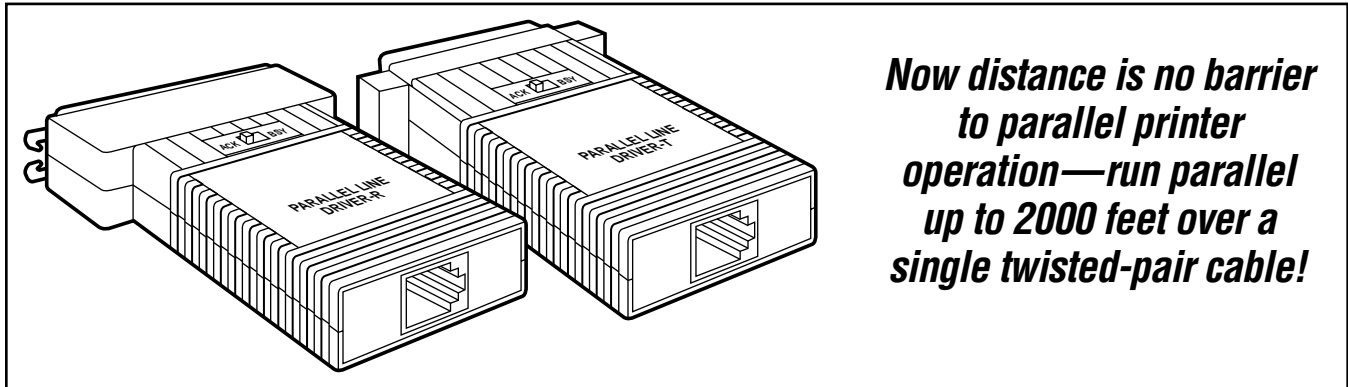
# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

© 2004. All rights reserved.  
Black Box Corporation.

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

## PARALLEL LINE DRIVERS



*Now distance is no barrier to parallel printer operation—run parallel up to 2000 feet over a single twisted-pair cable!*

### Key Features

- ▶ **Distances up to 2000 feet (609.6 m).**
- ▶ **Selectable BUSY/ACKNOWLEDGE control signal operation.**
- ▶ **Adapt to a wide variety of parallel printers.**

The Parallel Line Drivers provide extended distance communication between the parallel port of a PC and parallel printer. Why run expensive 25- or 36-conductor cable and face confining distance limitations? The Parallel Line Drivers enable you to run up to 2000 feet (609.6 m) over a single twisted pair!

How do they work? The Parallel Line Drivers' high-speed

Transmitter unit converts the PC's parallel output to a proprietary serial format and transmits in real time to the high-speed Receiver unit. The Receiver unit then converts the signal back to parallel and passes it to the parallel printer. Since both the Transmitter and Receiver units

draw their operating power from the parallel interfaces, they need no AC power or batteries.

A convenient BUSY or ACKNOWLEDGE flow control enables the Parallel Line Drivers to work with most parallel printers and sharing devices.

### Specifications

**Line Interface:** RJ-11 or terminal block  
**Operation:** Point-to-point  
**Speed (Maximum):** 5 kbps parallel  
**Interface:** Centronics<sup>®</sup> type parallel or 25-pin male parallel  
**Connectors:** Parallel port: ME190A, ME192A: (1) DB25 M; ME191A, ME193A: (1) 36-pin Centronics M;

**Connectors (continued):**  
 Line side: ME190A–ME191A: (1) 2-position terminal block;  
 ME192A–ME193A: (1) RJ-11

**Power:** Interface powered, 3–7 VDC; ME190A, ME192A: Pins 1, 17, 13, 14, or 16; ME191A, ME193A: Pins 10, 11, 12, 13, 18, 32, 16, or 17

**Size:** 0.7"H x 2.1"W x 2.7"D (1.8 x 5.3 x 6.9 cm)

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

### Ordering Information

| ITEM                             | CODE   |
|----------------------------------|--------|
| Parallel Line Driver-Transmitter |        |
| DB25 Male                        |        |
| Terminal Block .....             | ME190A |
| RJ-11 .....                      | ME192A |
| Parallel Line Driver-Receiver    |        |
| Centronics Male                  |        |
| Terminal Block .....             | ME191A |
| RJ-11 .....                      | ME193A |