

## KEY FEATURES

- Large, high-contrast display
- Displays free-form text messages
- Allows vehicle operator to send pre-defined text messages
- Configurable time zone
- Easy to use



## TRIMBLE MOBILE SOLUTIONS

### MESSAGE TERMINAL FOR THE TRIMBLE MOBILE RESOURCE MANAGEMENT SYSTEM

The EchoLDX<sup>™</sup> Message Terminal is the messaging and dispatching component of the Trimble Mobile Resource Management system. It is the key element for keeping your fleet in touch and up-to-date with vital information anytime, anywhere. It provides the vehicle operator with a quick and easy means of displaying, storing and replying to text and dispatch messages without voice communication.

#### **Sending Messages**

With EchoLDX, the operator is able to send predefined text messages to keep the dispatcher informed of the vehicle's status on the road. Every message sent includes a time and position stamp. As the driver pushes a key, the EchoLDX confirms the activation by sounding a volume configurable beep.

A message sent from the EchoLDX terminal is passed to the CrossCheck unit. This unit stores the message and passes it on to the web-based Messaging application at the Trimble Mobile Resource Management Gateway.

#### **Receiving Messages**

The EchoLDX terminal generates an audible beep to alert the operator when a new message is received. The beep does not stop until the operator reads the message and presses a key.

The terminal features a large screen that displays clear, easy-to-read messages. A backlight option is available to ensure easy reading at night or in dark locations.

#### **Convenient Installation**

Packaged in a lightweight, rugged, high-impact plastic housing, the EchoLDX terminal is durable and able to withstand the wear and tear typical in commercial vehicle applications.

Its design reduces vibration effects and increases readability. The terminal can be permanently mounted in virtually any type of vehicle. A 6-inch pedestal installation kit enables the driver to position the unit for most convenient operation.

The EchoLDX terminal connects to the CrossCheck unit with a power/data cable. The CrossCheck unit controls the power to the EchoLDX.

The EchoLDX Message Terminal Kit contains the terminal, power/data cable, mounting pedestal, and a Quick Reference Guide for the vehicle operator.



## managing your mobile resources

### GENERAL SPECIFICATIONS

Screen characters ..... 160 x 80 pixels, LCD...  
Display ..... 3.77" W x 2.2" H (96 mm x 56 mm)

### ELECTRICAL SPECIFICATIONS

Voltage ..... +8 to 16.5 VDC. Supplied by CrossCheck unit.  
Power Consumption ..... .50 mA @ 12 VDC typical  
200 mA @ 12 VDC max. (with backlight on)  
Power/Data Cable ..... 9.5 feet (2.90 meters) 10-conductor  
RJ45 for power and data and one DB9M connector  
Interfaces ..... Power/data cable for connection to the CrossCheck  
mobile communicator unit for vehicle power and data

### PHYSICAL SPECIFICATIONS

Size ..... 7.28" W x 3.34" H x 1.25" D  
(185.0 mm x 85.0 mm x 32.0 mm)  
Weight ..... <.80 kg (1.7637 lbs)

### ENVIRONMENTAL SPECIFICATIONS

Temperature  
Operating Temperature ..... -25 °C to +60 °C (-13 °F to +140 °F)  
Note: When operating below 0 °C,  
the display reaction time will be slower.  
Storage Temperature ..... -40 °C to +85 °C (-40 °F to 185 °F)  
Humidity ..... <95%  
Vibration  
0.008g2/Hz ..... .5 Hz  
+3dB/Octave ..... .5 Hz to 20 Hz  
0.05g2/Hz ..... .20 Hz to 100 Hz  
-3dB/Octave ..... 100 Hz to 800 Hz  
0.001g2/Hz ..... .800 Hz to 1000 Hz  
Shock  
Operational ..... .40g for 11 milliseconds  
Non-operational ..... .75g for 6 milliseconds

### ECHOLDX PRODUCTS AND ACCESSORIES

EchoLdx Message Terminal Kit ..... P/N 46722-00  
EchoLdx Power/Data Cable ..... P/N 46755  
EchoLdx Quick Reference Guide ..... P/N 46845-00-ENG  
Pedestal Mounting Kit (6") ..... P/N 46950

### FOR MORE INFORMATION

E-mail us at:  
info@trimblems.com or visit our website at <http://www.trimblems.com>.

*Specifications subject to change without notice.*

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