

OM-EL-HL

HANDHELD INFRARED PROGRAMMER/CONTROLLER

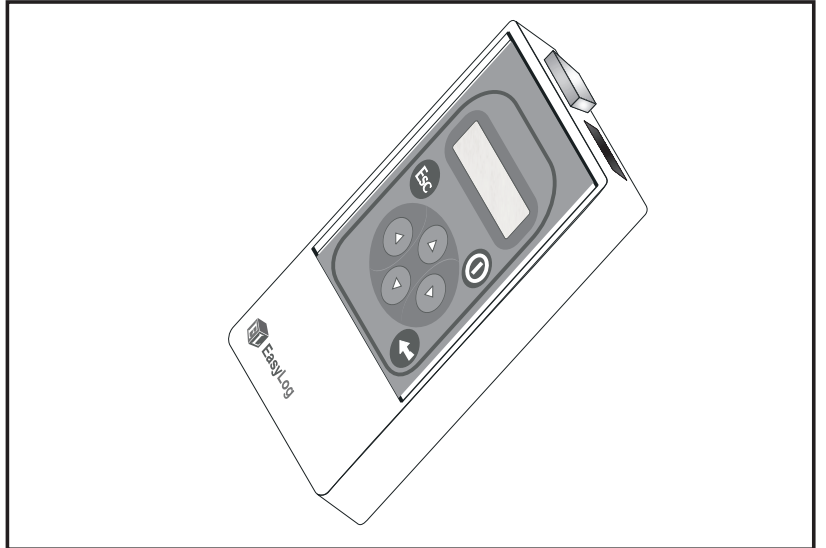
INSTRUCTION
SHEET

M-3145

For full operating instructions, consult the EL-HL users manual.

The OM-EL-HL provides a simple, low cost means of setting up and operating an EasyLog module without the need for direct connection to a PC. With both InfraRed and RS232 interfaces, OM-EL-HL can operate with all variants of EasyLog. Up to 8 loggers can be connected at one time through the serial link and their data stored on OM-EL-HL and later transferred to a PC for analysis using the OM-EL-WIN application software. Its compact size and battery operation make OM-EL-HL the ideal tool for remote logging applications where a PC or laptop are not suited.

- Battery Powered
- InfraRed and RS232 operation
- Works with all EasyLog Modules
- Pocket Sized
- Low Cost
- Easy to Use
- Data Storage for up to 8 Loggers
- CE



Power supply
Batteries are field replaceable without loss of data.
Battery type : 2 X AA ALKALINE CELLS.
Approximately 100 hours continuous operation.

Data Rate

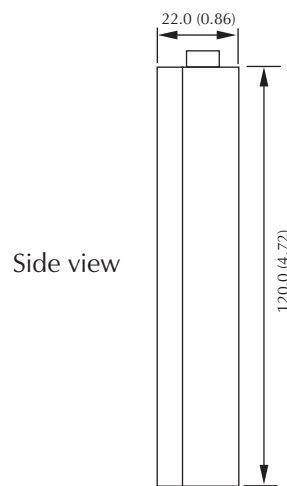
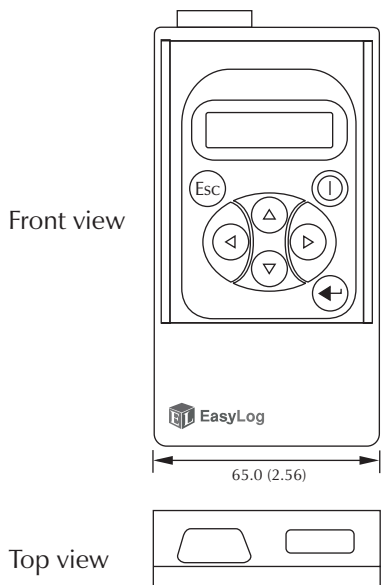
RS232	9600 bps - InfraRed
	1200 bps
	2400 bps
	4800 bps
	19200 bps

Display
16 X 2 Character.
Character size 1.85W X 2.75H mm

Keypad
CLiCKTOUCH[®] tactile feel membrane keypad.

Operating Temperature
-20°C to +50°C.

DIMENSIONS All dimensions in mm (inches)

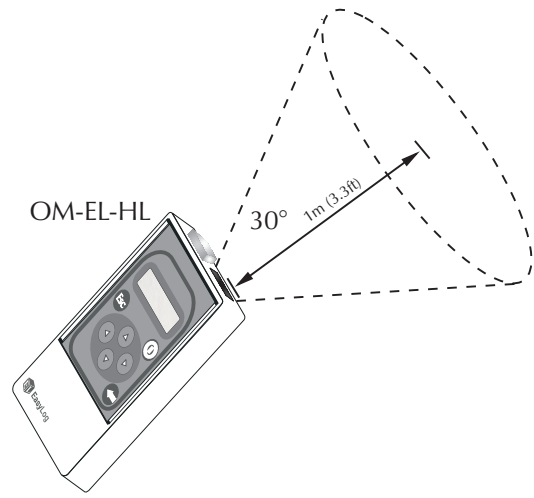


APPLICATION NOTES

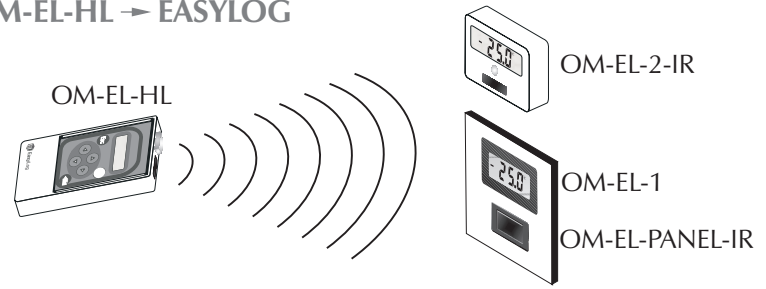
Communications Area

Communications can take place at distances from 0m (i.e. "nose-to-nose") to 1m. The OM-EL-HL should be pointed at the device at the other end of the link. The InfraRed beam spans about 30°, so the two devices do not have to be directly aligned, however, there should be a clear line of sight between them.

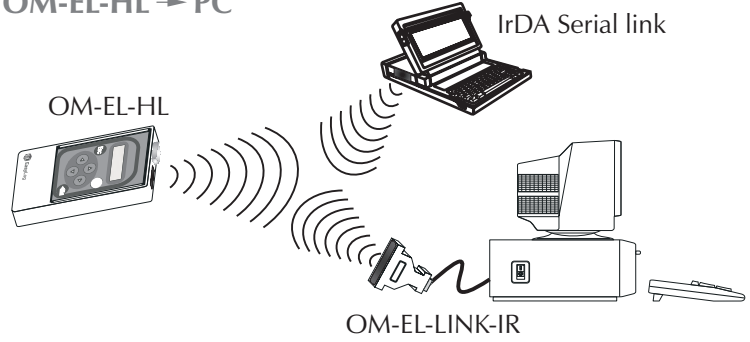
INFRA RED COMMUNICATION



OM-EL-HL → EASYLOG



OM-EL-HL → PC



SERIAL LINK COMMUNICATION

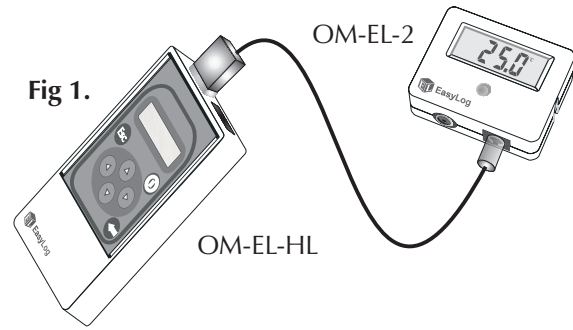
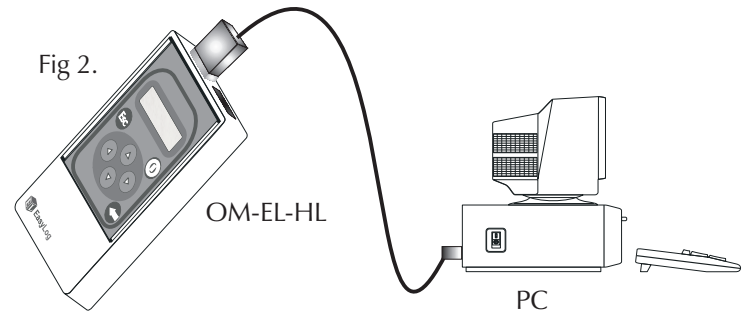


Fig 1 OM-EL-HL will also communicate with EasyLog modules via conventional RS232 links.

Fig 2 Uploading to a PC for processing and presenting data.



COMPATIBLE PRODUCTS LIST



OM-EL-1
OM-EL-1-12BIT



OM-EL-2
OM-EL-2-12BIT



OM-EL-LITE



OM-EL-2-IR



OM-EL-LINK-IR



OM-EL-PANEL-IR



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Customer Service: 1-800-622-2378 / 1-800-622-BESTSM
Engineering Service: 1-800-872-9436 / 1-800-USA-WHENSM
TELEX: 996404 EASYLINK: 62968934 CABLE: OMEGA

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If the unit should malfunction, it must be returned to the factory for evaluation. OMEGA's Customer Service Department will issue an Authorized Return (AR) number immediately upon phone or written request. Upon examination by OMEGA, if the unit is found to be defective it will be repaired or replaced at no charge. OMEGA's WARRANTY does not apply to defects resulting from any action of the purchaser, including but not limited to mishandling, improper interfacing, operation outside of design limits, improper repair, or unauthorized modification. This WARRANTY is VOID if the unit shows evidence of having been tampered with or shows evidence of being damaged as a result of excessive corrosion; or current, heat, moisture or vibration; improper specification; misapplication; misuse or other operating conditions outside of OMEGA's control. Components which wear are not warranted, including but not limited to contact points, fuses, and triacs.

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1. P.O. number under which the product was PURCHASED,
2. Model and serial number of the product under warranty, and
3. Repair instructions and/or specific problems relative to the product.

OMEGA's policy is to make running changes, not model changes, whenever an improvement is possible. This affords our customers the latest in technology and engineering.

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WARNING: These products are not designed for use in, and should not be used for, patient connected applications.