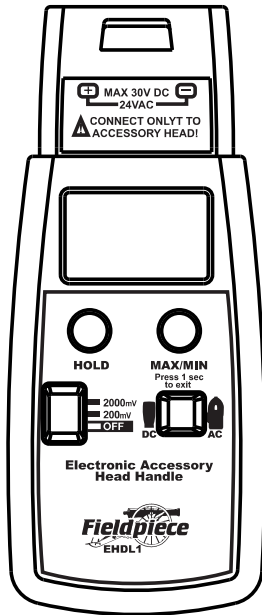


Fieldpiece

Electronic Accessory Head Handle

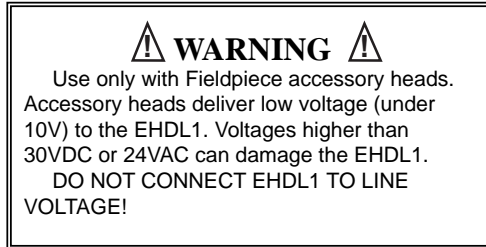
Model EHDL1



OPERATOR'S MANUAL

Description

The model EHDL1 converts any Fieldpiece accessory head into a stand alone meter. Plug the EHDL1 into the bottom of any Fieldpiece accessory head, select the appropriate range, and read the display.

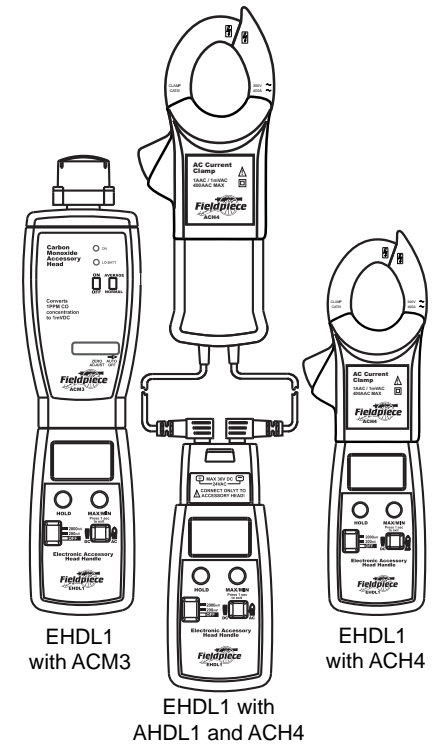


How to Use

1. Connect any of the Fieldpiece accessory heads to the EHDL1 by sliding it onto the top of the handle.
2. Turn on and select either 200mV range or 2000mV to best suit your measurement.
3. Select AC for current clamp or DC for the rest of the accessory heads.
4. Follow any specific instructions to the particular head you are using and measure as usual.
5. Press hold to hold current measurement.

How to Use MAX/MIN Button

1. Press MAX/MIN to begin recording MAX and MIN. MAX will be displayed.
2. Press MAX/MIN to alternate between displaying the current MAX and MIN.
3. Press MAX/MIN and hold for 1 second to erase MAX and MIN and display current reading.



Specifications:

Display: 3 1/2 digit liquid crystal (LCD) with a maximum read of 1999

Polarity: Automatic, positive implied, negative polarity indication

Overrange: (OL) or (-OL) is displayed

Low battery indication: The "BAT" is displayed when the battery voltage drops below the operating level

Measurement rate: 2.5 times per second, nominal

Operating environment: 32°F to 122°F (0°C to 50°C) at <70% relative humidity

Storage temperature: -4°F to 140°F (-20°C to 60°C), 0 to 80% RH (with battery removed)

Accuracy: Stated accuracy at 73°F ±9°F (23°C ±5°C), <75% RH

Temperature coefficient: 0.06 x (specified accuracy) per °. 32°F to 64°F, 82°F to 122°F (0°C to 18°C, 28°C to 50°C)

Power: Single standard 9-volt battery

Battery life: 200 hours typical carbon zinc

Dimensions: 140mm(H) x 59.2mm(W) x 33mm(D)

Weight: Approx. 125g including battery

Safety: Designed to meet CE-EMC

DC Volts:

Ranges: 200mV, 2000mV

Resolution: 0.1mV

Accuracy: ±(0.5%rdg + 1dgt)

Input impedance: 10MΩ

Overload protection: 30 VDC or 24VAC

AC Volts:

Ranges: 200mV, 2000mV

Resolution: 0.1mV

Accuracy: ±(1.2%rdg + 3dgt) 50~500Hz

Input impedance: 10MΩ

Overload protection: 30 VDC or 24VAC

MAX/MIN Hold:

Operating on all ranges

Press 1 sec to exit

DATA Hold:

Operating on all ranges

Limited Warranty

This meter is warranted against defects in material or workmanship for one year from date of purchase. Fieldpiece will replace or repair the defective unit, at its option, subject to verification of the defect.

This warranty does not apply to defects resulting from abuse, neglect, accident, unauthorized repair, alteration, or unreasonable use of the instrument.

Any implied warranties arising from the sale of a Fieldpiece product, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited to the above. Fieldpiece shall not be liable for loss of use of the instrument or other incidental or consequential damages, expenses, or economic loss, or for any claim of such damage, expenses, or economic loss.

State laws vary. The above limitations or exclusions may not apply to you.

Obtaining Service

Call Fieldpiece Instruments for one-price-fix-all warranty service pricing. Send check or money order for the amount quoted. Send the meter freight prepaid to Fieldpiece Instruments. Send proof of date and location of purchase for in-warranty service. The meter will be repaired or replaced, at the option of Fieldpiece, and returned via least cost transportation.

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