

# Classic Handheld Analog VOM

HHMA



- ✓ Drop Resistant High-Impact Case
- ✓ Diode Overload Protection Meter
- ✓ Fused Resistance Ranges
- ✓ AC/DC Voltage Measurement to 1200V

## Specifications

**DC Voltage**  
**Ranges:** 3, 12, 60, 300, 1200 (20 kΩ/V)  
**Accuracy:** ±3% of full scale

**AC Voltage**  
**Ranges:** 3, 12, 60, 300, 1200 (5 kΩ/V)  
**Accuracy:** ±4% of full scale  
**Resistance**  
**Ranges:** 20 kΩ, 200 kΩ, 2 MΩ, 20 MΩ  
 (200 Ω center scale on lowest range)  
**Accuracy:** ±3% of scale length  
**DC Current**  
**Ranges:** 600 μA, 6 mA, 60 mA, 600 mA  
**Burden Voltage:** 330 mV  
**Accuracy:** ±3% of full scale  
**Weight:** 1 kg (2 lb)  
**Dimensions:** 70 W x 34 D x 108 mm L  
 (2¾ x 1½ x 4¼")

**Old Favorite  
Tried and True**

HHMA-1.



## To Order

| Model No. | Description                                   |
|-----------|---|
| HHMA      | Analog VOM                                    |
| HHMA-CP   | AC clamp on current probe (not pictured)      |
| HHMA-TL   | ½" test leads with alligator clips (spare)    |
| HHMA-SC   | Soft case                                     |
| HHMA-BATT | Replacement battery set (12V, 1.5V 1 of each) |

Comes complete with manual, battery set and test lead set.  
**Ordering Examples:** HHMA, HHMA-CP and HHMA-SC, analog VOM, AC clamp-on current probe and a soft case. **OCW-2 OMEGACARE<sup>SM</sup>** extends standard 3-year warranty to a total of 5 years.



OMEGACARE<sup>SM</sup> extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE<sup>SM</sup> covers parts, labor and equivalent loaners.

# Sound Level Meter

HHSL-1



- ✓ Portability and Simplicity One Hand Operation
- ✓ AC and DC Output Functions Provided
- ✓ A and C Frequency Weighting Characteristics
- ✓ Slow and Fast Time Frequency Weighting Characteristics
- ✓ Maximum Hold Function
- ✓ Under and Over Range Indication
- ✓ Valox Housing to Withstand Accidental Drops

## Specifications

**Display:** 3½ digit liquid crystal display (LCD) with maximum reading of 1999  
**Zero:** Automatic  
**Low battery indication:** The is displayed when battery voltage drops below the operating level

**Operating environment:** 0 to 50°C at <75% RH  
**Storage temperature:** -20 to 60°C, 0 to 80% RH with battery removed from meter  
**Accuracy:** Stated accuracy at 23°C ±5°C, <75% RH  
**Dimensions:** 215 H x 44 W x 40 mm D (8.5 x 1.7 x 1.6")  
**Weight:** 200 g including battery (7 oz) (1.5V x 4 pcs "AAA" size)  
**Standard Applied:** IEC 651 Type 2  
**Range:**  
 Lo: 35 to 90 dB  
 Hi: 75 to 130 dB  
**Resolution:** 0.1 dB  
**Accuracy:** ±1.5 dB (ref 94 dB @ 1 kHz)  
**Dynamic Range:** 55 dB  
**Frequency Range:** 31.5 to 8000 Hz  
**Frequency Weighting:** A, C  
**Time Weighting:** Slow & Fast

HHSL-1.  
Soft carrying case included.



**Maximum Hold:** Decay <1 dB/3min  
**Microphone:** Electret condenser microphone  
**Auxiliary Outputs**  
**AC Conditioned:** 0.55 Vrms corresponding to each range step  
**Impedance:** 600 Ω  
**DC Conditioned:** 10 mV/dB (nominal)  
**Impedance:** 100 Ω



## To Order

| Model No.   | Description         |
|-------------|---------------------|
| HHSL-1      | Sound level meter   |
| STICK-CABLE | Analog output cable |

Comes complete with operator's manual, 4 "AAA" alkaline batteries, sound shield, and soft carrying case.

**Ordering Example:** HHSL-1 and STICK-CABLE, sound level meter and analog output cable.