

Model DMM 110

# Multimeter

## 2000-count Manual & Auto-Ranging



CE

### Low Cost Manual & Auto-Ranging Multimeter

- 600VAC/DC Voltmeter
- 10AAC/DC Ammeter
- Resistance to 20MΩ
- Continuity with Buzzer and Diode Test
- Data Hold – Fuse Protected
- Auto Power OFF and Low Battery Indication
- Protective Industrial Grey Holster with Stand
- IEC/EN 61010 Safety Rated & CE Mark

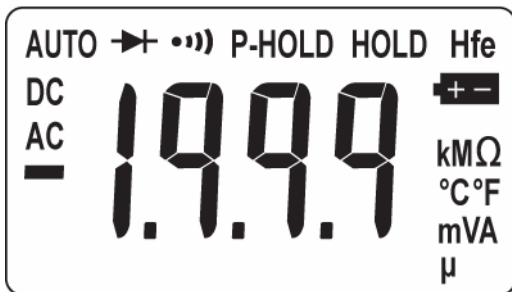
## 2000-count Manual & Auto-Ranging Multimeter

ELECTRICAL SPECIFICATIONS		Model DMM 110
<b>DC Volts</b>		
Measurement Ranges	5 Ranges: 200mV, 2V, 20V, 200V, 600V	
Accuracy* & Resolution	200mV: 0.5% ± 2cts – 0.1mV Resolution 2V: 0.5% ± 2cts – 1mV (0.001V) Resolution 20V: 0.5% ± 2cts – 10mV (0.01V) Resolution 200V: 0.5% ± 2cts – 100mV (0.1V) Resolution 600V: 0.5% ± 2cts – 1V Resolution	
Input Impedance	10MΩ	
<b>AC Volts</b>		
Measurement Ranges	5 Ranges: 200mV, 2V, 20V, 200V, 600V	
Accuracy* & Resolution	200mV: 1.0% ± 4cts – 0.1mV Resolution 2V: 1.0% ± 4cts – 1mV (0.001V) Resolution 20V: 1.0% ± 4cts – 10mV (0.01V) Resolution 200V: 1.0% ± 4cts – 100mV (0.1V) Resolution 600V: 1.0% ± 4cts – 1V Resolution	
Input Impedance	10MΩ	
<b>DC Amperes</b>		
Measurement Ranges	6 Ranges: 200μA, 2mA, 20mA, 200mA, 2A, 10A	
Accuracy* & Resolution	200μA: 1.2% ± 2cts – 0.1μA Resolution 2mA: 1.2% ± 2cts – 0.001mA Resolution 20mA: 1.2% ± 2cts – 0.01mA Resolution 200mA: 1.2% ± 2cts – 0.1mA Resolution 2A: 1.2% ± 2cts – 1mA (0.001A) Resolution 10A: 1.2% ± 2cts – 10mA (0.01A) Resolution	
<b>AC Amperes</b>		
Measurement Ranges	6 Ranges: 200μA, 2mA, 20mA, 200mA, 2A, 10A	
Accuracy* & Resolution	200μA: 1.5% ± 4cts – 0.1μA Resolution 2mA: 1.5% ± 4cts – 0.001mA Resolution 20mA: 1.5% ± 4cts – 0.01mA Resolution 200mA: 1.5% ± 4cts – 0.1mA Resolution 2A: 1.5% ± 4cts – 1mA (0.001A) Resolution 10A: 1.5% ± 4cts – 10mA (0.01A) Resolution	
<b>Resistance (Ohms)</b>		
Measurement Ranges	7 Ranges: 20Ω, 200Ω, 2000Ω, 20kΩ, 200kΩ, 2MΩ, 20MΩ	
Accuracy* & Resolution	20Ω: 1.0% ± 3cts – 0.01Ω Resolution 200Ω: 1.0% ± 3cts – 0.1Ω Resolution 2000Ω: 1.0% ± 3cts – 1Ω Resolution 20kΩ: 1.0% ± 3cts – 0.01kΩ Resolution 200kΩ: 1.0% ± 3cts – 0.1kΩ Resolution 2MΩ: 1.0% ± 3cts – 0.001MΩ Resolution 20MΩ: 2.0% ± 3cts – 0.01MΩ Resolution	
<b>Continuity</b>		
Measurement Range	0 to 200Ω Range with Buzzer <100Ω Response time <10ms, 500VAC/DC PTC Protection	
<b>Diode Test</b>		
Measurement Range	0 to 2.000V	
<b>Other Functions</b>		
Data Hold	Yes – Dedicated “DATA HOLD” push-button (Yellow)	
Auto-Range & Manual Range	Yes – Auto-Range with Manual selection through “RANGE” button (Grey)	
Over-Range Indication	Yes – “OL” displayed if Over-Range	
Auto-OFF	Yes – Auto-OFF after 15 minutes with user Over-ride to disable.	

## 2000-count Manual & Auto-Ranging Multimeter

GENERAL SPECIFICATIONS		Model DMM 110
Display	2000-count 3½ Digit LCD – “OL” Displayed for Over-Range	
Operating Temperature & %RH	32° to 104°F (0° to 40°C), 80% RH max non-condensing	
Storage Temperature & %RH	14° to 122°F (-10° to 50°C), 80% RH max non-condensing, battery removed	
Altitude	6000 ft (2000m)	
Range Selection	Auto-Ranging and Manual selection by “RANGE” push-button (Grey Button) “SELECT” push-button (Blue Button) for additional function selection	
Power Supply	2 Batteries – 1.5V type AAA (LR03)	
Battery Power Management	Low Battery Indicator on LCD Auto-Off after 15 minutes to conserve battery power.	
Fuse	Amperes: 500mA, 250V (5x20mm) Continuity: 500V PTC Volts protected to 750VAC/DC	
Holster	Grey color (dirt resistant) soft protective holster with stand	
Dimensions & Weight	1.38 x 3.07 x 5.84” (35 x 78 x 152mm) - 11.8 oz (330g) with holster	
Warranty	One Year	
<b>Safety</b>		
Safety Standards	IEC/EN 61010 – 600V Cat. II and 300V Cat. III, CE mark	

NOTE: \* Accuracy given @ 23°C ±5°C, 75%RH max



**Multimetrix®**

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### Ordering Information

**2000-count Multimeter Model DMM 110**      **Catalog Number: MMX-DMM110**

**Includes:** Multimeter DMM 110 – Grey Rubber Holster - 1 Lead Set with Needle Point Test Probe (Red & Black) - 2 x 1.5V AAA Batteries - User Manual

**Optional Accessories: Carry Case – Accessory No. 20 – Cat. MMX-ACC20.** Soft padded carrying case, with compartment for lead storage, belt loop and attachment ring. Front flap with Velcro® closure. For DMMs MMX 110/120/140 and X1000.

**Specifications and Prices are subject to change without notice. Consult Factory before ordering.**