



# DT-113

## POCKET AUTORANGING DIGITAL MULTIMETER

### Safety

| Input Limits                        |               |
|-------------------------------------|---------------|
| Function                            | Maximum Input |
| V DC or V AC                        | 600V DC/AC    |
| Resistance, Diode & Continuity Test | 250V DC/AC    |

#### I Relative Button

The relative measurement feature allows you to make measurements relative to a stored reference value.

#### I Data Hold Button

The Data Hold function allows the meter to “freeze” a measurement for later reference

#### I Auto Power Off

To save power, the display automatically turns off in 30 minutes.

### Electrical Specifications

| Function    | Range   | Accuracy             |
|-------------|---|----------------------|
| DC Voltage  | 400.0mV   | ±(0.7% rdg + 3d)     |
|             | 4.000V, 40.00V,   | ±(1.0% rdg + 3d)     |
|             | 400.0V, 500V  | ±(1.3% rdg + 3d)     |
| AC Voltage  | 4.000V, 40.00V  | ±(1.0% rdg + 10d)    |
|             | 50-60Hz   | ±(2.3% rdg + 5d)     |
| Resistance  | 400.0Ω, 4.000kΩ, 40.00kΩ, 400.0kΩ                                     | ±(2.0% rdg + 5d)     |
|             | 4.000MΩ   | ±(5.0% rdg + 5d)     |
|             | 40.00MΩ   | ±(10.0% rdg + 5d)    |
| Capacitance | 4.000nF   | ±(5.0% rdg + 0.3 nF) |
|             | 40.00nF   | ±(5.0% rdg + 30d)    |
|             | 400.0nF   | ±(3.0% rdg + 15d)    |
|             | 4.000μF, 40.00μF, 200.0μF   | ±(10.0% rdg + 15d)   |
| Frequency   | 9.999Hz, 99.99Hz, <b>999.9Hz, 9.999kHz, 99.99kHz, 999.9kHz, 10MHz</b> | ±(2.0% rdg + 5d)     |
| Duty Cycle  | 0.1-99%   | ±(2.0% rdg + 5d)     |
| DC Current  | 40.00mA   | ±(2.0% rdg + 5d)     |
|             | 200.0mA   |                      |
| AC Current  | 40.00mA   | ±(2.5% rdg + 10d)    |
|             | 50-60Hz   |                      |



### General Specifications

|                        |   |
|------------------------|---|
| Max input voltage      | 500V AC/DC  |
| Input Sensitivity,     | 10Vrms min. <9.999KHz                                       |
| (Frequency Ranges)     | 40Vrms min. >99.99KHz                                       |
| Diode Test             | Test current 1mA max., open circuit voltage of 1.5V typical |
| Continuity Check       | Audible signal if the resistance is < 60Ω                   |
| Display                | 4000 count 3 ¾ digit LCD                                    |
| Over range indication  | LCD displays "OL"   |
| Polarity               | Minus (-) sign for negative polarity.                       |
| Low Battery Indication | "BAT" symbol indicates low battery condition.               |
| Fuse                   | mA range; 0.4A/250V fast acting resettable fuse             |
| Battery                | CR2032 3V Lithium   |
| Operating Temperature  | 32°F to 104°F (0°C to 40°C)                                 |
| Storage Temperature    | 14°F to 122°F (-10°C to 50°C)                               |
| Weight                 | 1.7oz (50g)   |
| Size                   | 4.25 x 2.2 x .5" (108 x 56 x 11.5mm)                        |
| Standard               | IEC61010 CAT II 500V Pollution degree II, CE Approved       |



### Accessories

Battery, Hard Carrying Case, In-Built Test Leads, Instruction Manual and Test Certificate.

Contact :

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