



# 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 200.0mA	



### 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.