

Safety first! Operating a voltmeter should only be done by properly trained personnel. Please see instruction manual for warnings.

M HOLD BUTTON M BACKLIT LCD TEMP MEASUREMENT ☑ SOFT GRIP TEST LEADS

PRECISION DATA HOLD DIGITAL MULTIMETER WITH TEMPERATURE MEASUREMENT

The BBT858L is a rugged, affordable DMM with the extra quality that you expect from Byte Brothers. The BBT858L is perfect for all of your low voltage electronics and single phase AC electrical testing. Use on a broad variety of equipment including electronic and electrical components, devices, fuses, alarms and circuit boards. Measure ohms, amps, and volts (AC and DC) and temperature. It is designed for indoor/outdoor use and is easy to read with its large backlighted LCD display. Power is supplied by a 9V battery with 150-200 hours of life. Designed for use by electricians, technicians, and serviceman who require an instrument that is accurate, reliable, and always ready for use. Its rugged boot gives a snug feeling when held in an operator's hand. Daily users will appreciate the extra care taken with the test leads... soft silicon for a safe grip. And a temperature probe is included for heating/cooling (HVAC) technicians.

Features:

3 1/2 large digit display CATII 600V rating **Hold button Backlit LCD** Temperature thermocouple Continuity buzzer Soft silicone test leads 150-200 hour battery life

DC Voltage

Voltage			
Range	Resolution	Accuracy	
200mV	100uV	±(0.5% of reading + 3 digits)	
2V	1mV		
20V	10mV	±(0.8% of reading + 2 digits)	
200V	100mV	±(0.0% of reading + 2 digits)	
600V	1V		

Input impedance:=1MΩ

Overload Protection: 600V DC/peak AC on all ranges

AC Voltage

Range	Resolution	Accuracy (50Hz ~ 500Hz)
200V	100mV	±(2.0% of reading + 10 digits)
600V	1V	±(2.0% of reading + 10 digits)

Input impedance: ${}_{=1M\Omega}$ Overload Protection: 600V AC/DC on all ranges

DC Current

Range	Resolution	Accuracy
200uA	0.1uA	
2mA	1uA	±(1.8% of reading + 2 digits)
20mA	10uA	
200mA	100uA	±(2.0% of reading + 2digits)
10A	10mA	±(2.0% of reading + 10 digits)

Overload Protection: 500V DC/rms AC on all ranges.

Temperature (K type thermocouple included)

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Range	Resolution	Accuracy		
		0°F ~750°F	750°F~1380°F	
0°~1300°F	1°F	±1% ± 4d	±1.5% ± 15d	

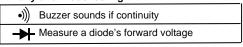
MODEL BBT858L

Resistance

Range	Resolution	Accuracy	
200Ω	100mΩ	±(1% of reading + 10 digits)	
2ΚΩ	1Ω		
20ΚΩ	10Ω	±(1% of reading + 4 digits)	
200ΚΩ	100Ω	±(1 % of reading + 4 digits)	
2ΜΩ	1ΚΩ		

Overload Protection: 500V DC/rms AC on all ranges.

Continuity and Diode testing



Transistor checker (hFE gain test)

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ſ	Range	Tested range	Tested current	Tested voltage
1	NPN&PNP	0-1000	lb = 1uA	Vcd = 3V



Includes K-type temperature thermocouple

Pro style silicone probes and backlit display









