

3 1/2 DATA HOLD DIGITS



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

- HOLD BUTTON
- BACKLIT LCD
- TEMP MEASUREMENT
- SOFT GRIP TEST LEADS

DIGITAL MULTIMETER

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 backlit 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

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

Input impedance: =1MΩ

Overload Protection: 600V AC/DC on all ranges

DC Current

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

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

Temperature (K type thermocouple included)

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)
2KΩ	1Ω	
20KΩ	10Ω	±(1% of reading + 4 digits)
200KΩ	100Ω	
2MΩ	1KΩ	

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

Continuity and Diode testing

- Buzzer sounds if continuity
- Measure a diode's forward voltage

Transistor checker (hFE gain test)

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



Includes K-type temperature thermocouple



Pro style silicone probes and backlit display



Made in China

ByteBrothers™
Cable and Device Testers

**9V BATTERY INCLUDED
1 YEAR WARRANTY**

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