

LED VOLT METER

Critical Information:

1. REVERSE POLARITY (or AC) WILL DESTROY THIS MODULE!
2. VOLTAGE RANGE: 4v to 30v
3. WEIGHT: 0.4oz (compact version), 1.2oz (larger version)
4. DIMENSIONS: 2.25"x0.5"x0.8" (compact) & 2"x1"x0.8" –less cables (larger)
5. CURRENT DRAIN: 15mA (max)



NOTE: There are more than one type/size of meter available, they will all have very similar features and operational guidelines. Two most common types are pictured above.

Connection:

The voltmeter can be connected using EITHER the plug or jack connector. It can be used in-line (using both jack and plug) or using only one (either) connector. It is self-powered and will indicate the voltage present anytime it is connected. The male and female connectors are simply present to extend the connectivity, the polarity is always center positive under any conditions, it will destroy the meter to connect to AC power or reverse its polarity.

The voltmeter is vital to setup any converter/regulator unit, or to confirm the output of any kit module. To use the voltmeter, simply connect it to a DC jack or plug, it will turn on and indicate the voltage present. When using with a voltage converter module, adjustments are usually required. Please refer to the operating manual for the converter unit in question whenever adjustment is required. It should (of course) be connected to the output of the converter in use to confirm and/or adjust the converter's output before connecting any load/device to the output.

Once the desired readings are obtained, it is suggested to remove the meter and operate the circuit without it attached. The reason is because the meter will draw a small amount of current to operate, and if not required it is a waste of power to keep it attached.

Use “POLARITY INDICATOR” (or a full function multimeter) prior to attempting to connect ANY unknown polarity or voltage source!