

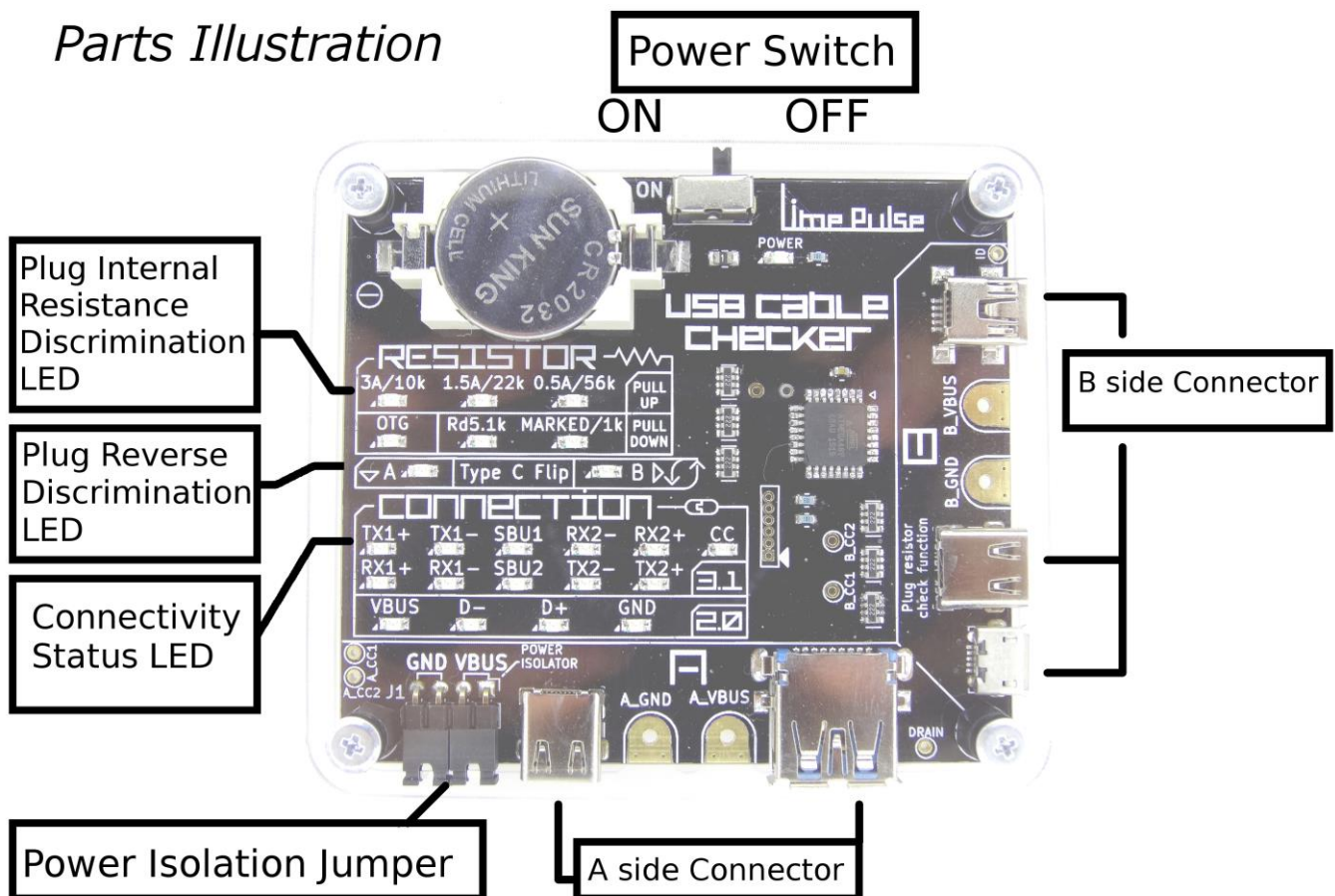
LimePulse USB Cable Checker rev3 instruction Manual

Thank you for purchasing LimePulse USB cable checker. This device allows you to check USB cable's wire connectivity, the cable plug internal resistance value of type C conversion adapter and type C cable (presence of E Marker for PD), and the front and back of type C plug. The resistance value of power line can also be confirmed.

Caution

- Please do not connect this product to other USB device or PC. It may damage the product.
- This product cannot check the active cable with repeater IC. It may damage the cable.

Parts Illustration



How to check wire connectivity

Turn on the device and connect A side and B side connectors with USB cable. If it is connected, the LED with "CONNECTION" label will lit. When checking the type C cable and the plug is installed upside down, the LED with "Type C Flip" will lit. Please note that the wire connectivity for USB 3.1 except CC cannot be checked properly if either side of the plug is installed upside down.

How to Confirm Type C Plug Internal Resistance Value

Turn on the device and connect type C cable plug or type C conversion adapter to the type C connector on B side. If there is pull-up or pull-down resistance on CC or Vcon terminal, appropriate "RESISTOR" LED that matches with its resistance and pull direction will lit.

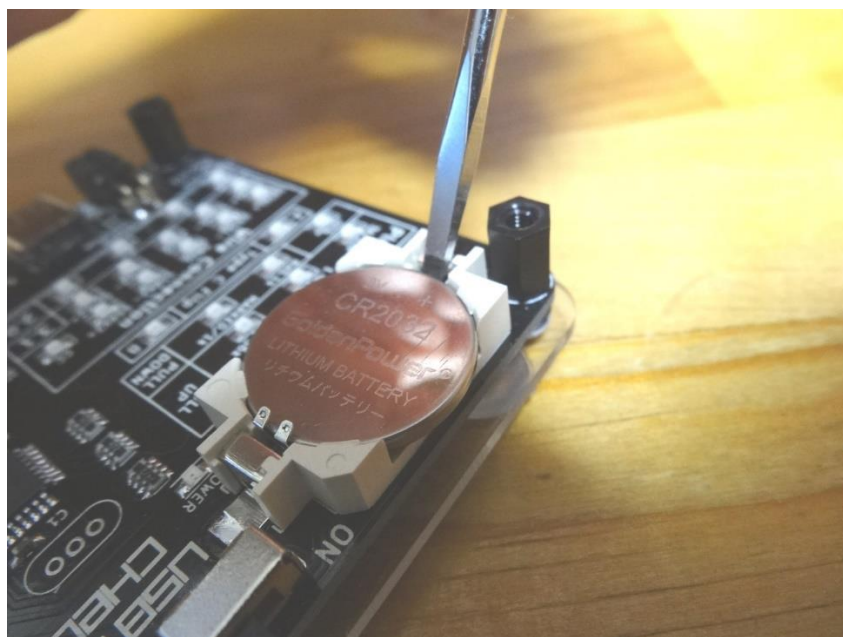
How to Measure Resistance between VBUS and GND line

Caution!

- Please note that the failure to follow these steps may result in damaging the product.
- Tester and other measurement tool will be required.
- Please note that only it can only measure the contact resistance of connector A, resistance of power line and contact resistance of connector B.

In order to protect the circuit, make sure to turn off the device before opening POWER SEPARATOR (J1) jumper of the line subjected for measurement. Then, measure the resistance between A_VBUS and B_BVUS or A_GND and B_GND after connecting A and B terminals with cable. Close the POWER ISORATOR jumper after measurement.

How to Replace Battery



When LED does not lit or become dark, it is time to change the battery. Insert the flathead screwdriver between negative terminal and battery and lift it up using the principal of leverage. Then insert the new CR2032 battery with positive side up.