

# Classic Preamp LED Battery Meter

## **Operation:**

Plug a standard guitar cable into the output jack to power up the preamp and test the battery.

If the blue LED flashes then you have enough battery power for your gig.

A quality 9 volt alkaline battery will power the preamp for about 200 hours. As the battery discharges, the LED flash will become dimmer and shorter.



If you need to re-test your battery and it's charge is low then you need to wait up to 30s with the cable unplugged from the output jack before re-inserting the cable to get a valid reading.

This LED Battery Meter is designed to work with alkaline batteries in 9 or 18 volt configurations. Other types of battery chemistries, for example lithium based batteries, do not have the same voltage vs. charge levels and may not work well.

# Warning: Please take extra care if you modify your instrument during the installation procedure.

Audere Audio is **not** responsible for any damage or modifications you make as part of the installation procedure. See our Limited Warranty for restrictions on liability.

## Installation:

 Remove the old battery from the battery connector.
Add the LED Battery Meter Red wire to the existing preamp positive battery connection:

A) Remove insulation from the old battery wire connection.B) Unsolder the red wires joining the preamp to the battery positive power connection.

C) Cut off a small segment of heat shrink and slide it over the red wire(s), do not reduced it yet.

D) Solder the three red wires together (LED meter red, Preamp red and Battery positive red).

E) Insulate the solder joint by reducing the heat shrink.

3) Solder the Battery Meter Grey/White wire to the center pin on the output jack or any other ground point.

4) Insert new batteries into the battery connector(s).

5) Plug a guitar cable into the output jack to test that the LED flashes.

6) Play the preamp through your amp to verify the connection to the preamp is good.

7) If you do not have an existing 3mm LED hole then a new hole is needed. Drilling this hole in the electronics cover is the most common location. Alternatively you can add the LED hole to a wood top which requires more skill.

The ideal drill hole size is a #31 or 3.05mm drill. Often the LED will just press fit into place with this size of hole. An 1/8" drill is cheaper and more commonly available in the U.S. This size hole works well but is slightly bigger so use a little glue to secure the LED in place.

## Limited Warranty:

#### What the warranty covers:

Audere Audio warrants its products to be free from defects in materials and workmanship for one year from the purchase date and is available to the original purchaser.

#### The limited warranty does not cover:

Damage caused by misuse or abuse, Exposure to environmental extremes, Products than have been modified, Shipping damages of any sort, Damage due to use that is not in conformity with factory specifications, Normal wear and tear or parts intended to be replaced due to normal use, Claims based on the subjective issue of tonal characteristics, Products where the serial number has been defaced, modified or removed.

## What Audere Audio will do:

If, in our sole determination, the defect is covered by the Limited Warranty, Audere Audio will promptly repair or replace the product, at our option, and return it prepaid to the purchaser. If the defect is not covered or is excluded from this Limited Warranty it will be returned without repair or replacement, shipping and insurance to be paid by the purchaser.

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