

Lumīn Bracket manual

Thank you for purchasing the Sbooster-Lumīn bracket to make the Lumīn D2, U1 Mini or T2 suitable for the Sbooster BOTW P&P ECO 12-13V external power supply. In just 20 minutes of your DIY-time is needed to take out the stock SMPS of the Lumīn, install the Sbooster bracket and to enjoy more music.....

Please note: taking out the SMPS of the Lumīn and installing the Sbooster bracket is at your own risk.

Caution: Watch-out for Electrostatic Discharge (ESD).

Make sure when you are working on the Lumīn that you are fully discharged to prevent damage to the Lumīn. You can discharge yourself by touching i.e. your grounded device like an Amplifier, Radiator or Fridge, etc.

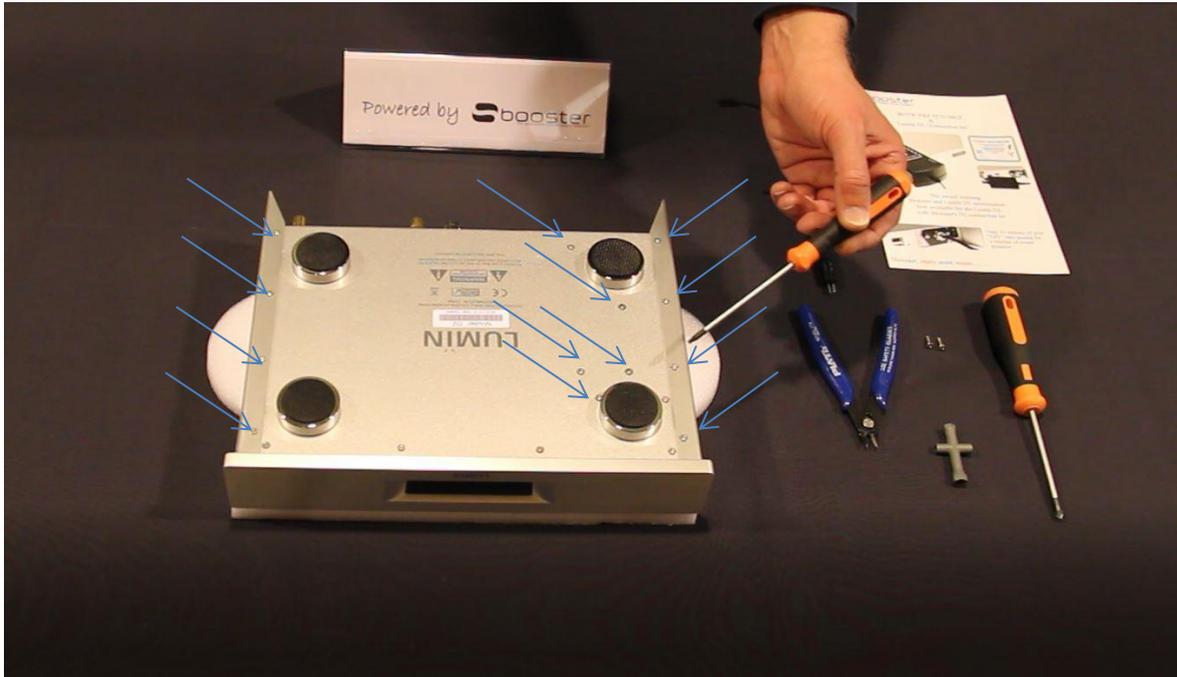
Needed tools:

- Screw driver
- Torx screw driver (supplied in connection kit)
- Wrench (mini cross wrench supplied in connection kit)
- 2x screws (supplied in connection kit)
- Pliers



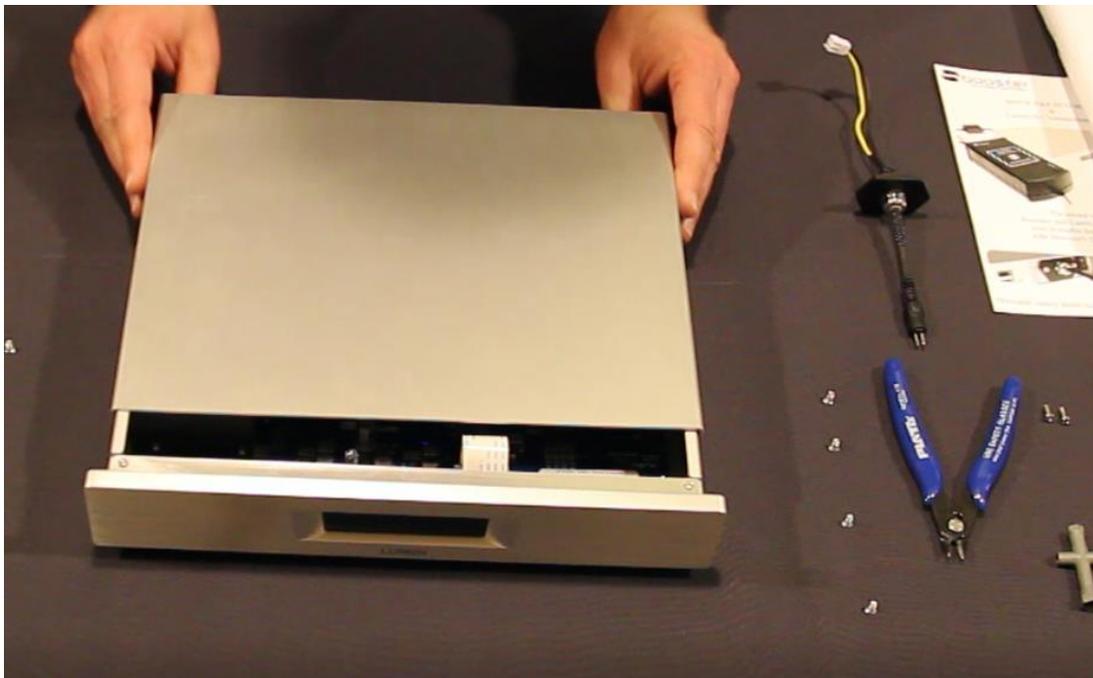
Step 1:

Remove 14 pcs torx screws from the enclosure, internal power supply and power supply cover.
Do not remove the 4 screws of the front panel!



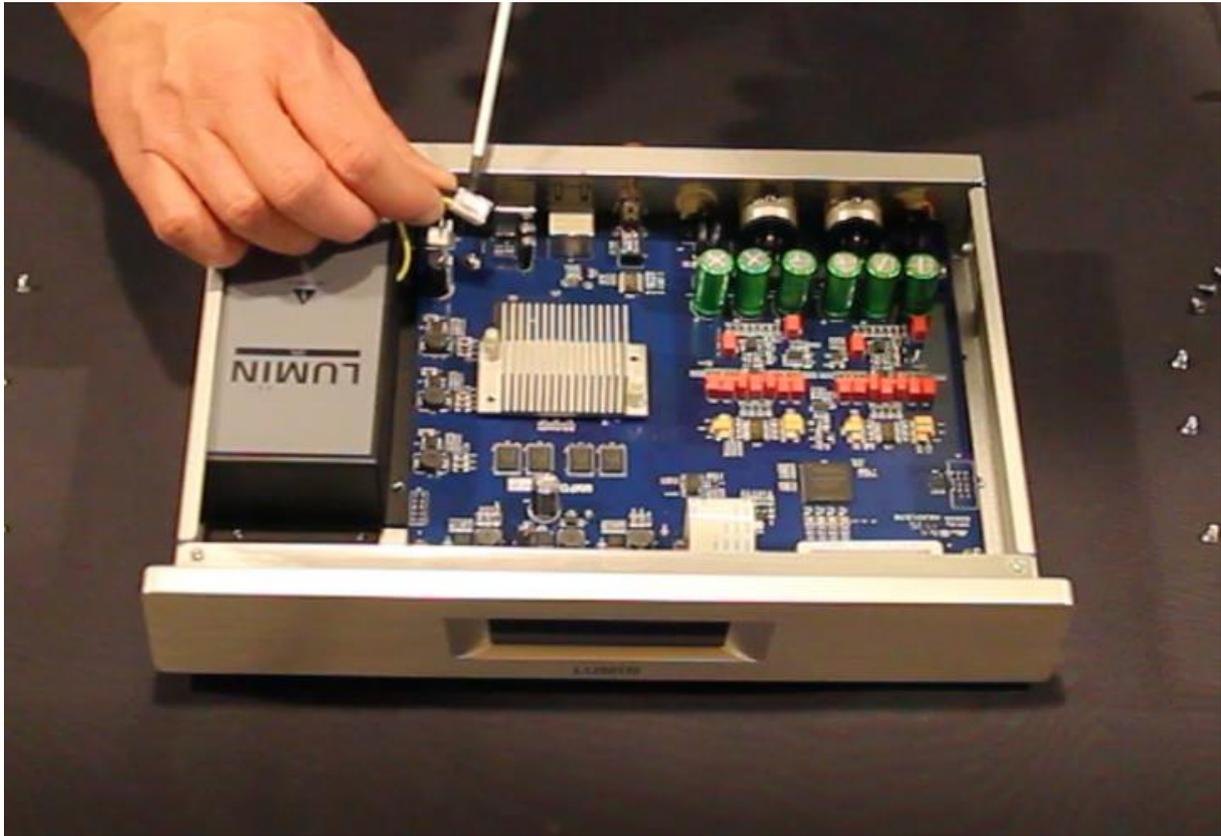
Step 2:

Open the enclosure by sliding the cover to the back.



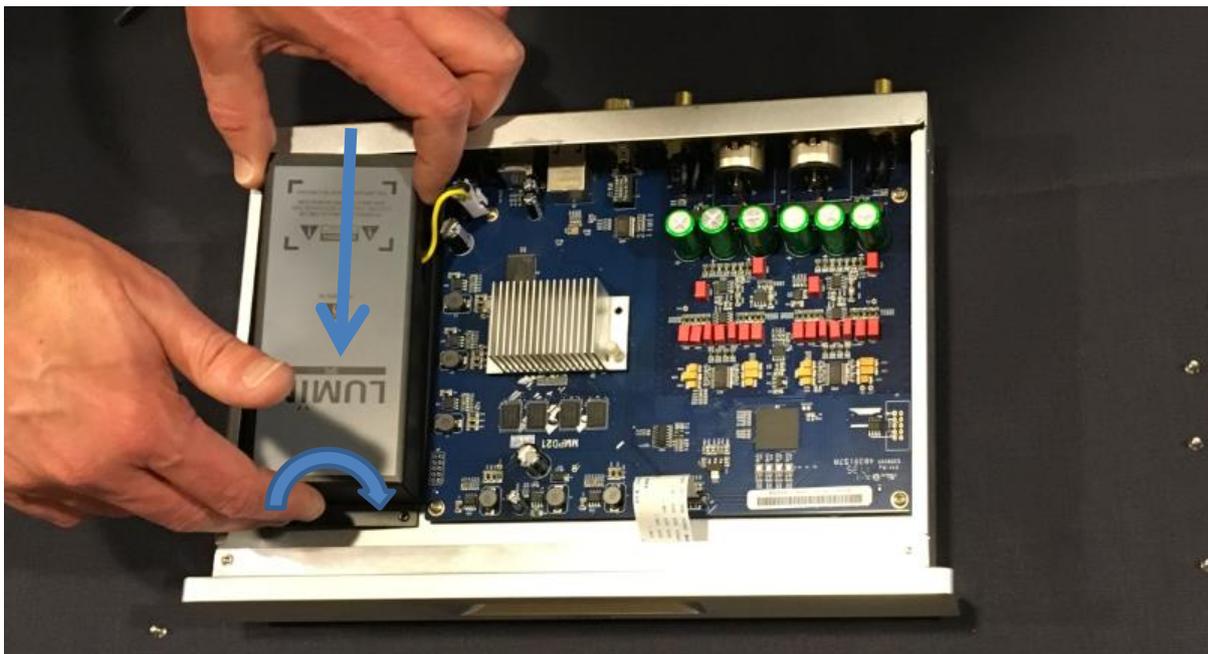
Step 3

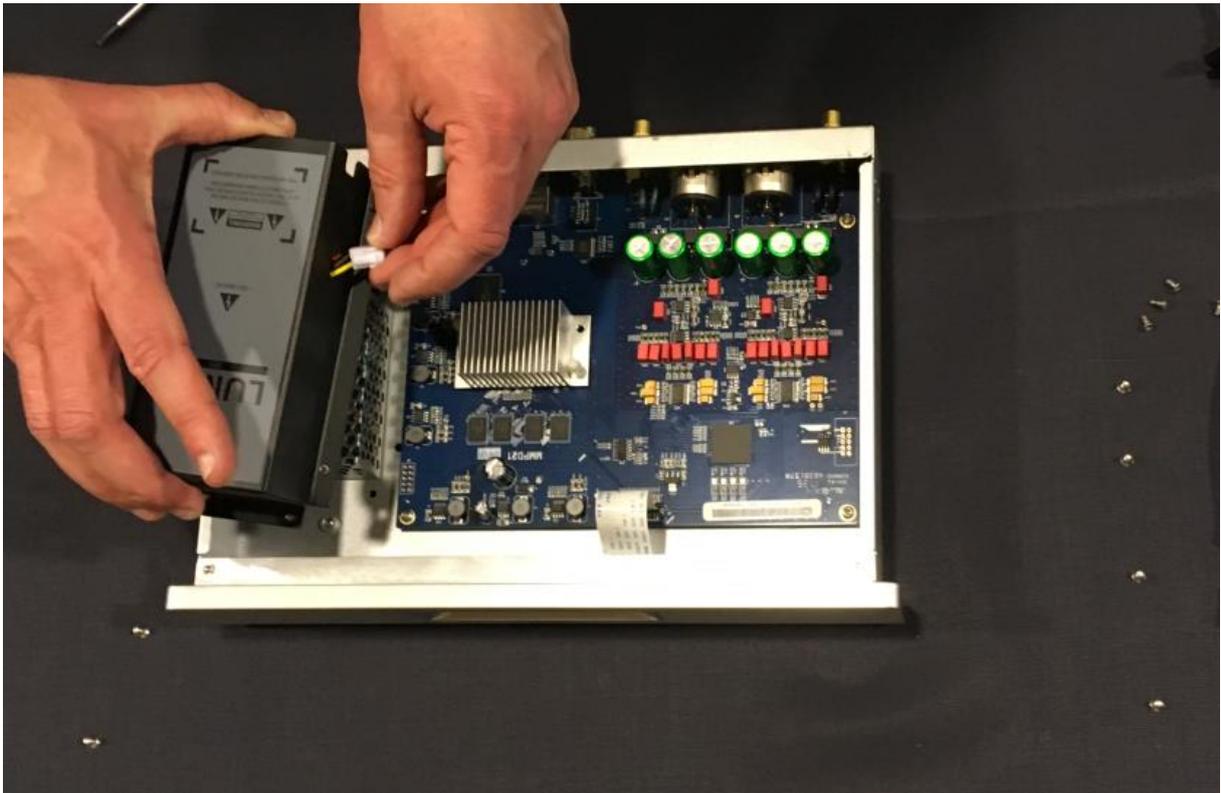
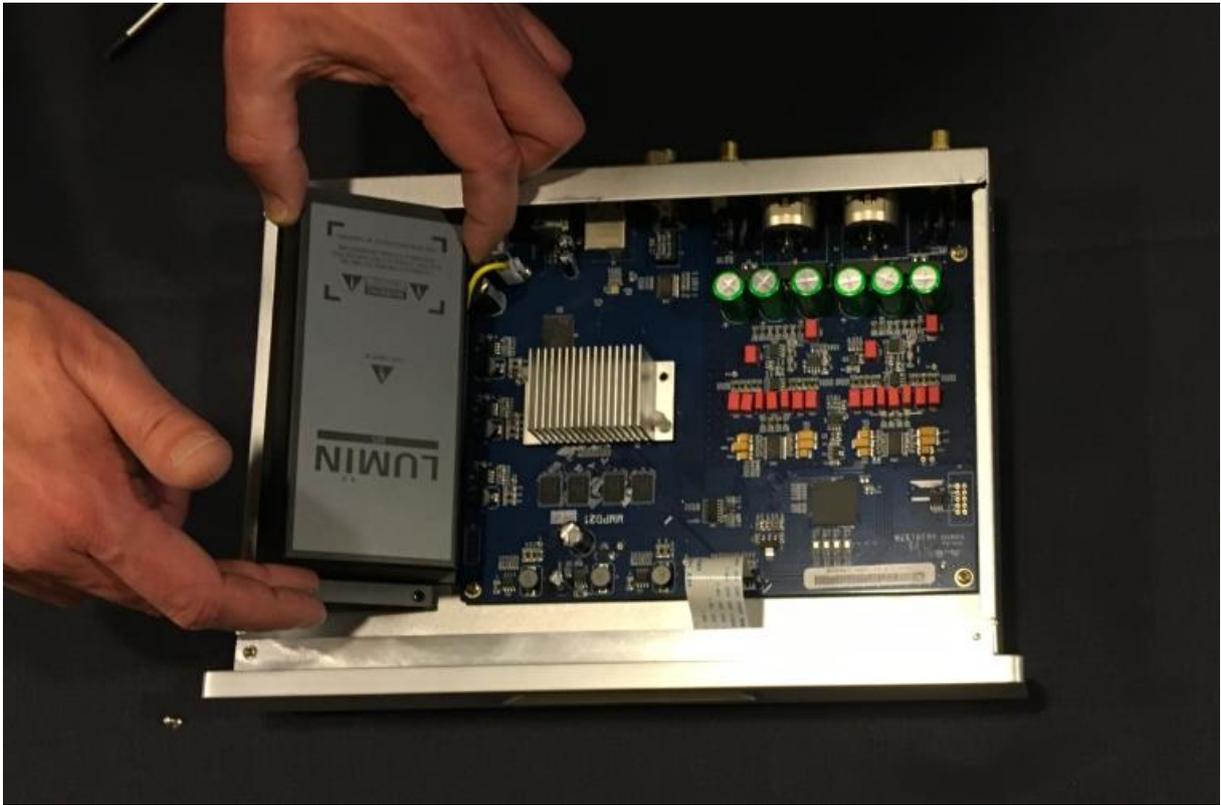
Remove the PSU connector. The connector has a clip that needs to be pressed on the top side. Watch out for ESD. Discharge yourself first.



Step 4 Removing the PSU cover.

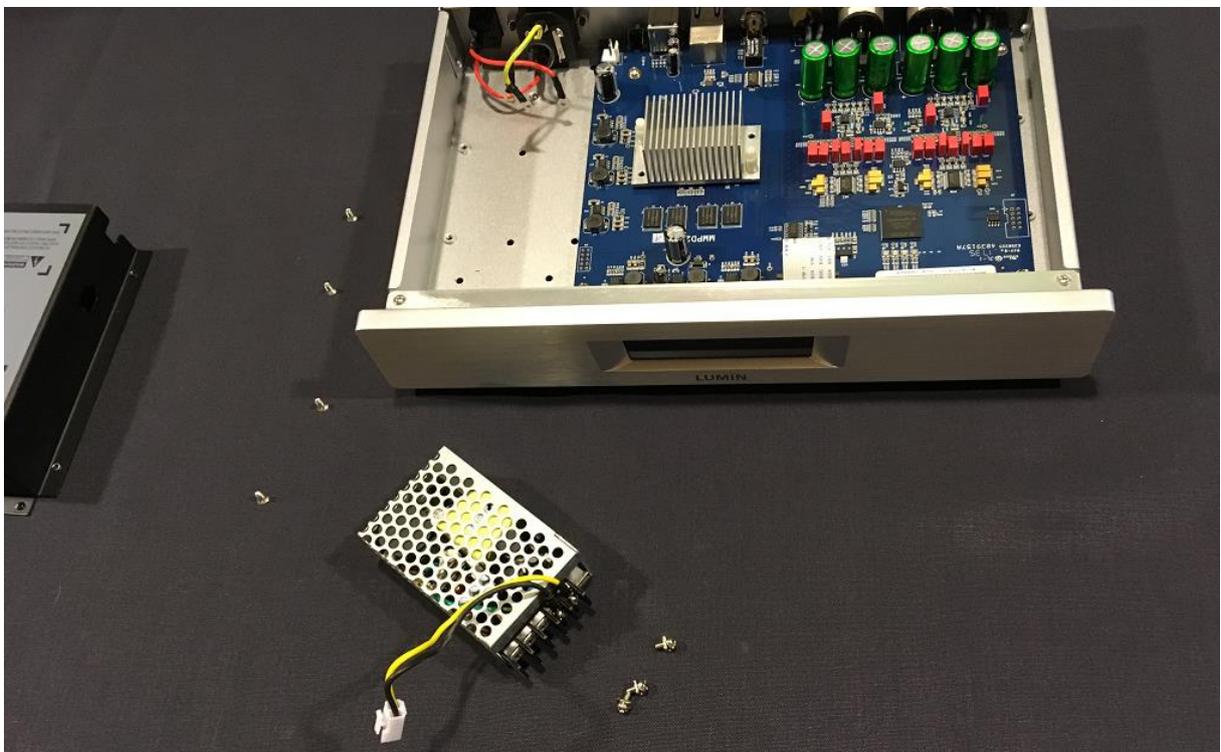
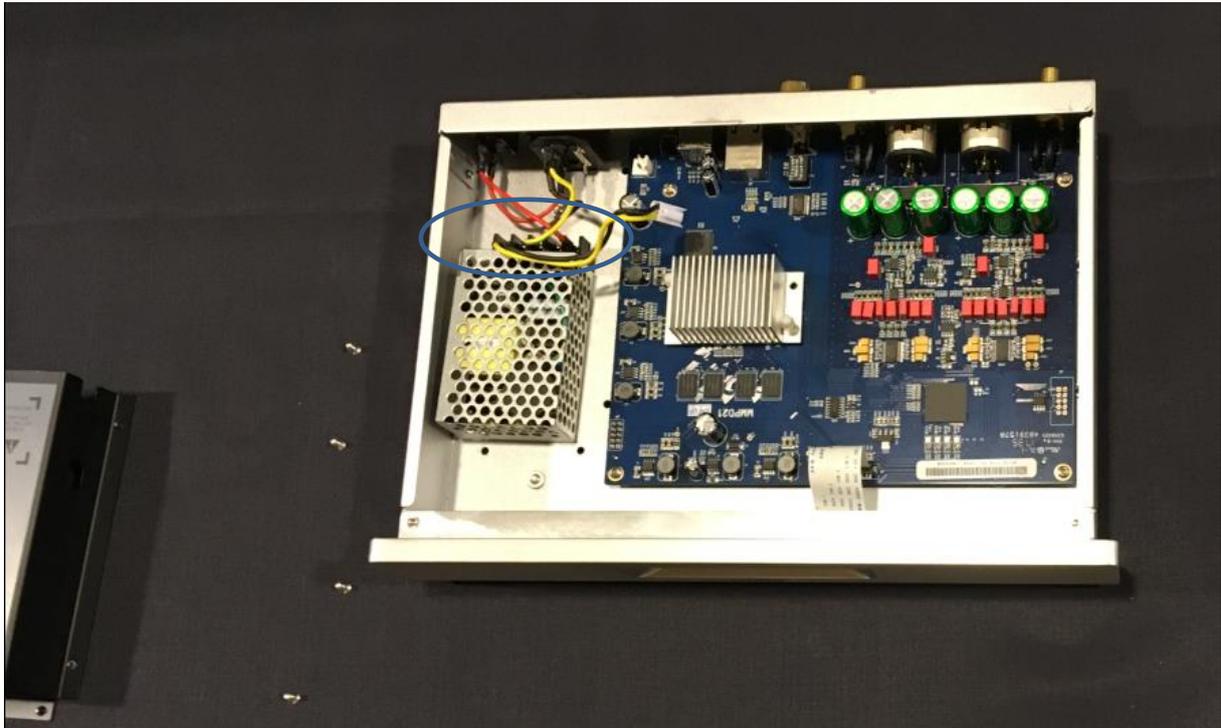
Please take your time to remove the PSU cover. First you have to move the cover as far as possible to the front. Next move the PSU cover as far as possible to the circuit board. Next flip the cover in the direction of the blue arrow.





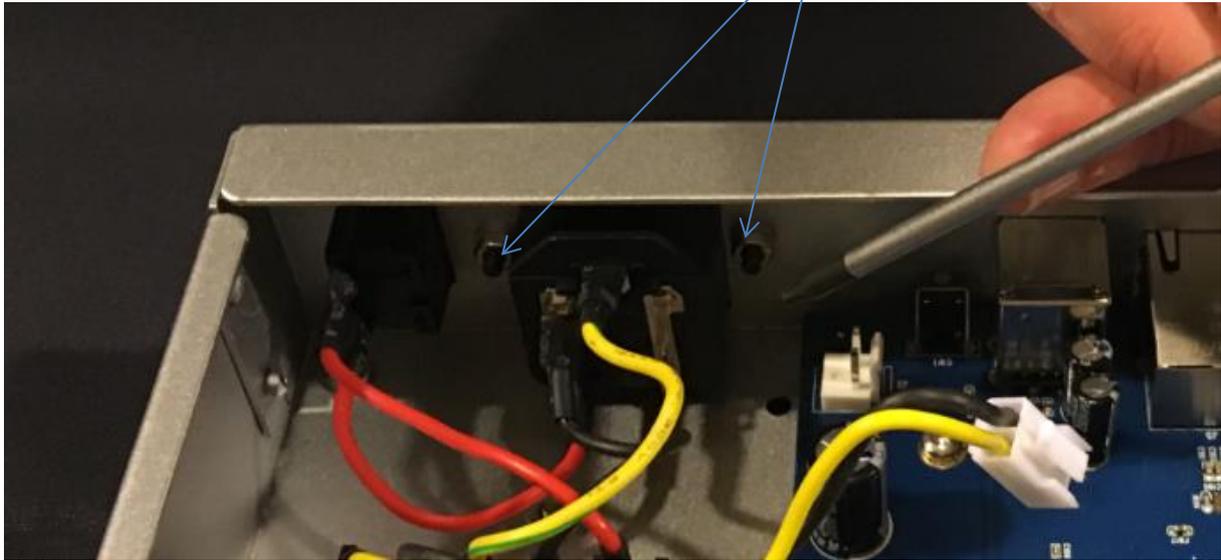
Step 5

Unscrew the wires from the internal PSU. It is not necessary to remove the wires from the smps (yellow/black).

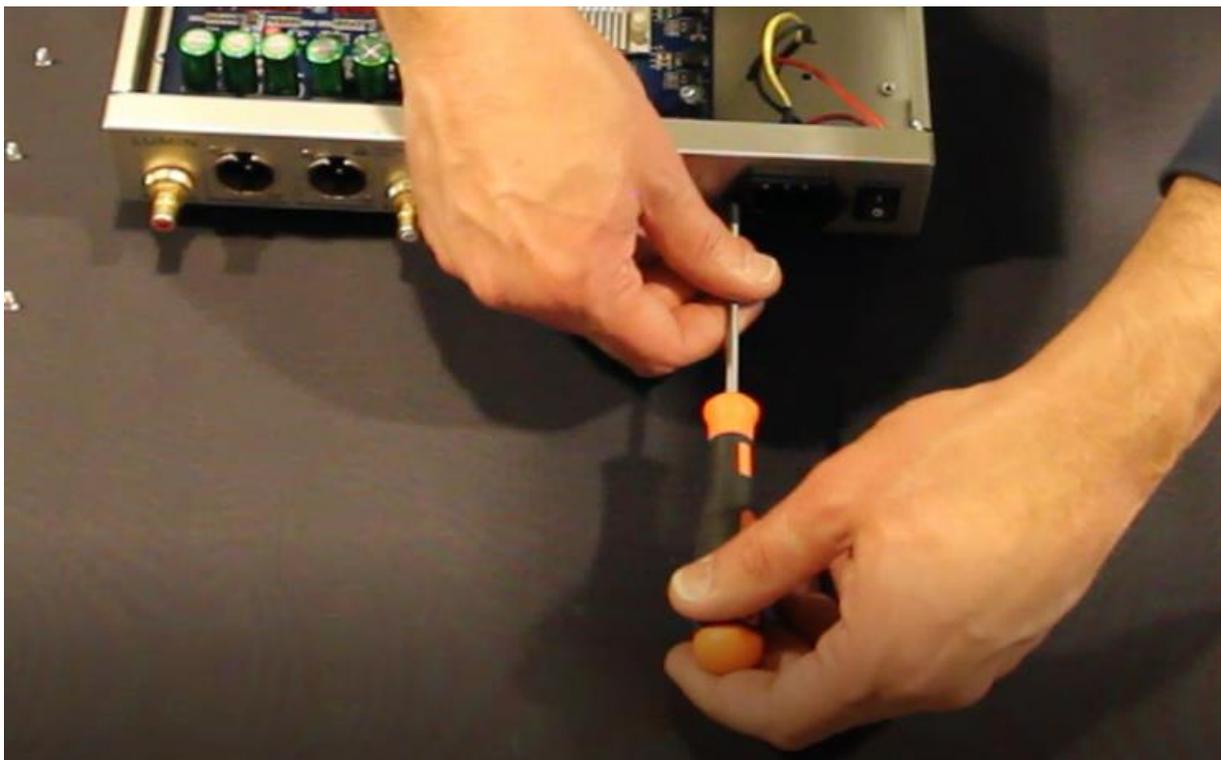


Step 6

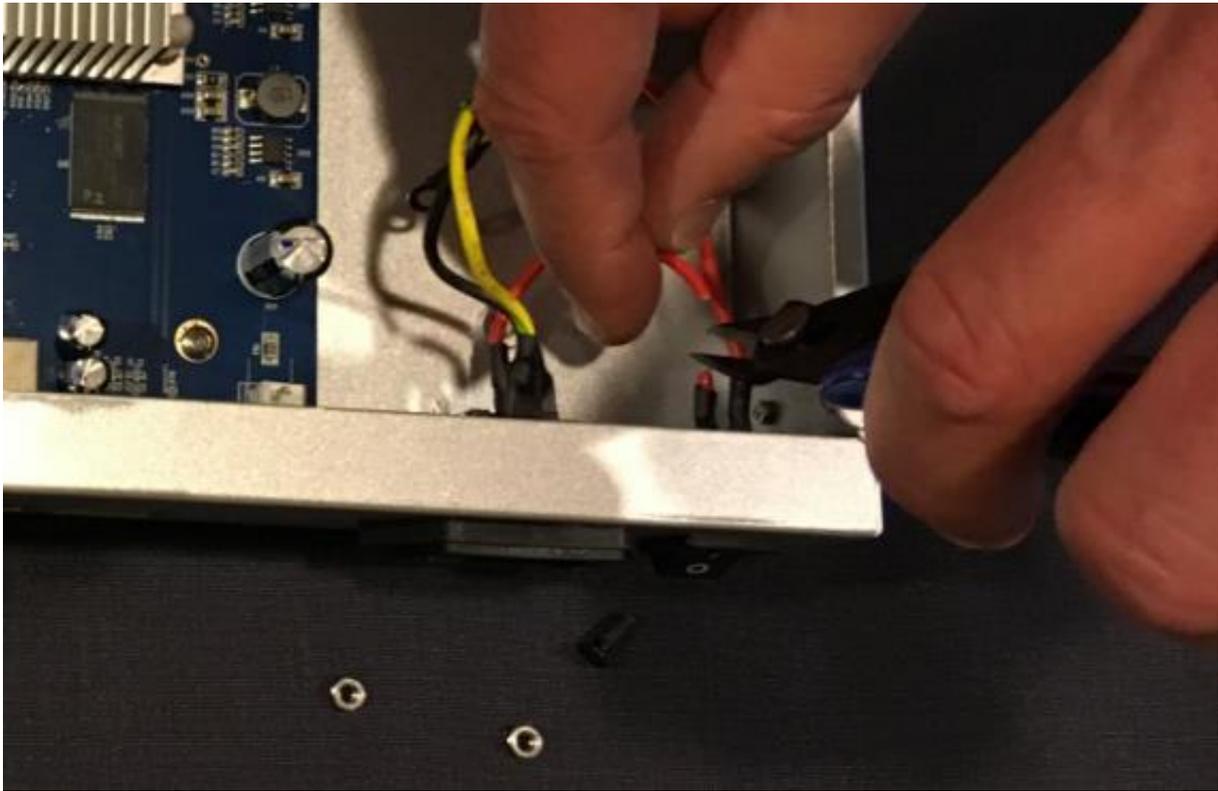
Next we are going to remove the IEC mains input. There are two internal nuts that needs to be remove first.



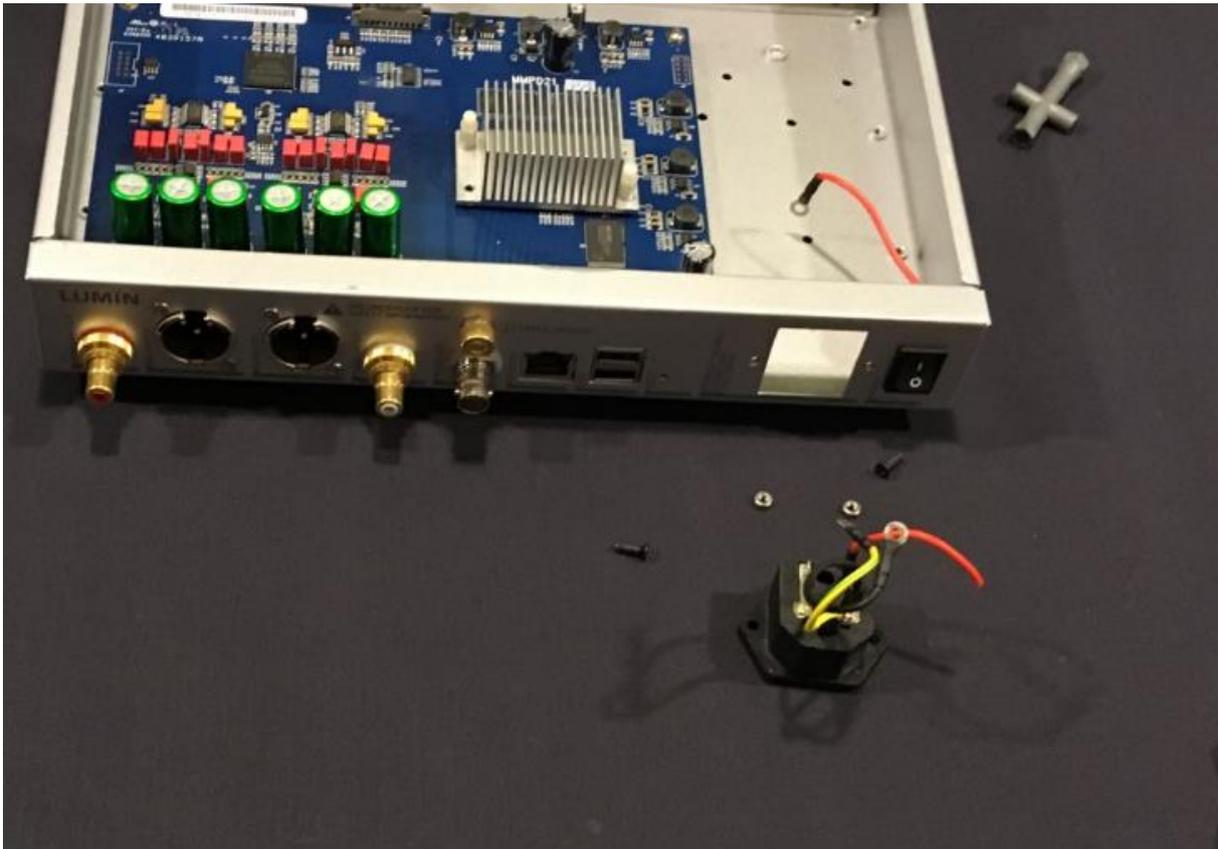
Remove the two black torx screws of the IEC mains input.



Now cut the red wire that runs from the switch to the IEC inlet.



The IEC inlet can now be removed from the enclosure.

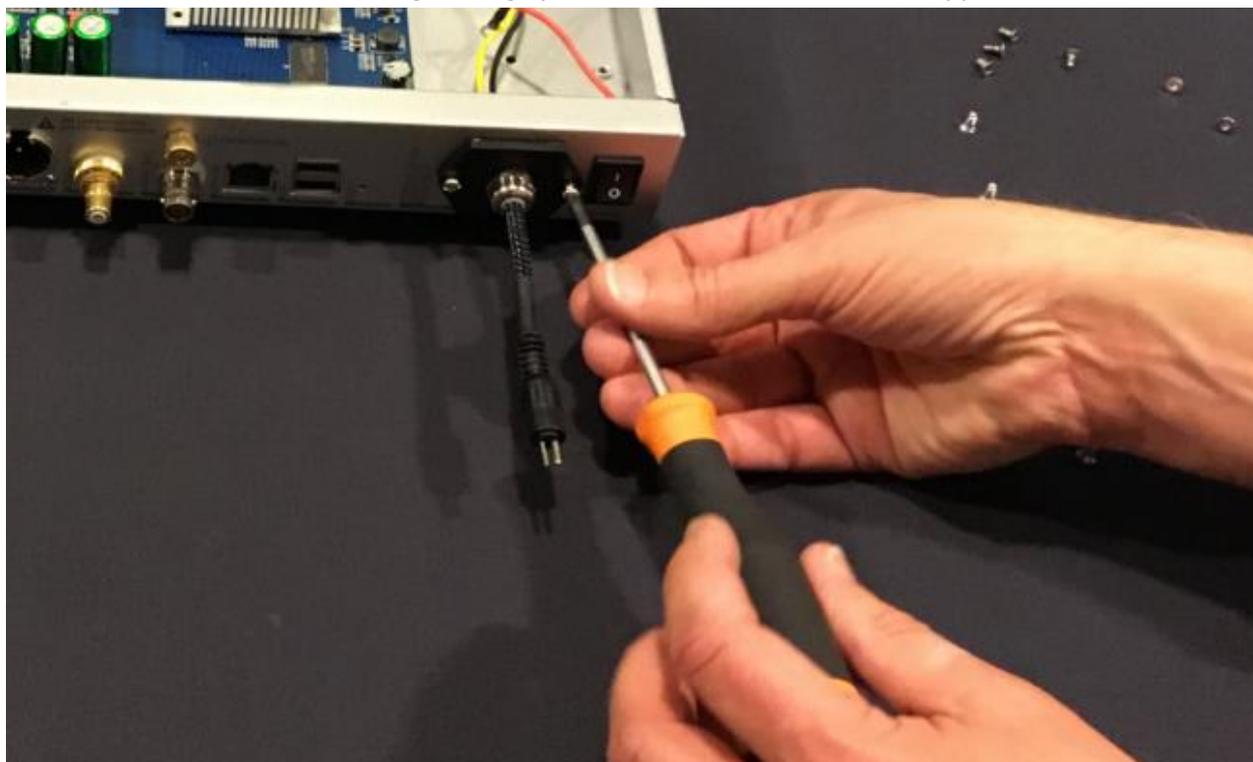


Step 7

Installation of the Sbooster DC input bracket (product looks different from the sample in this manual)

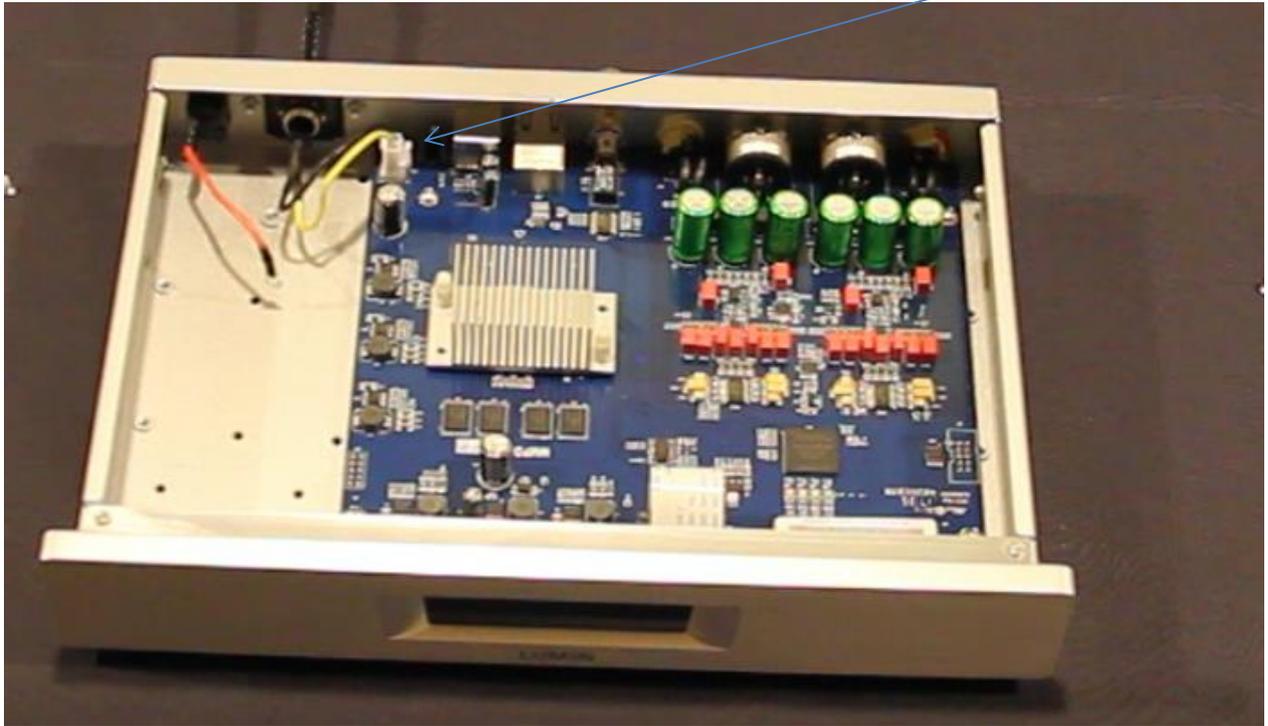


Place the bracket, the Sbooster logo facing up, and fix the unit with the two supplied silver screws.



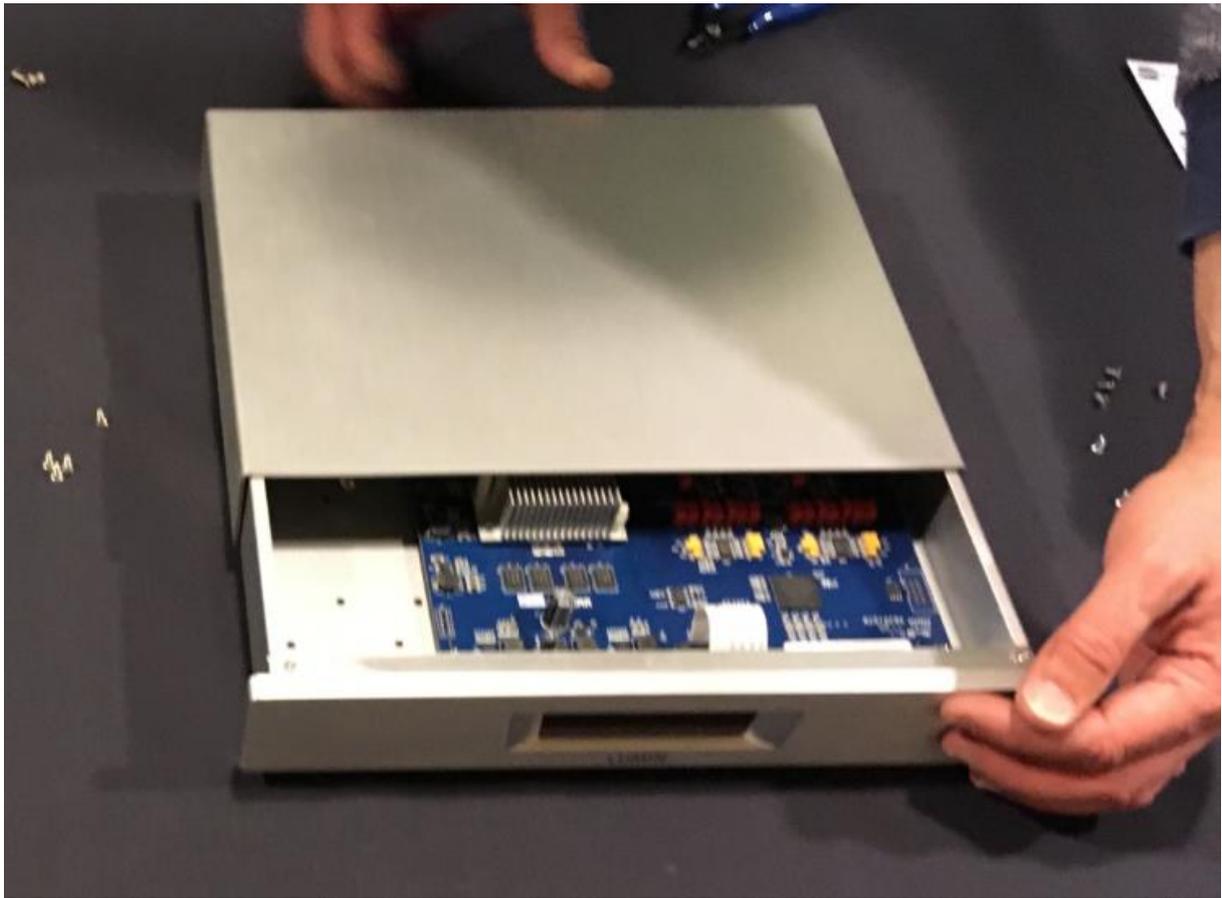
Step 8

Install the connector to the Lumīn circuit board. Check if the **black wire/tape** is positioned to **the back side**.



Step 9

Install the enclosure cover.



The front might need some extra care.

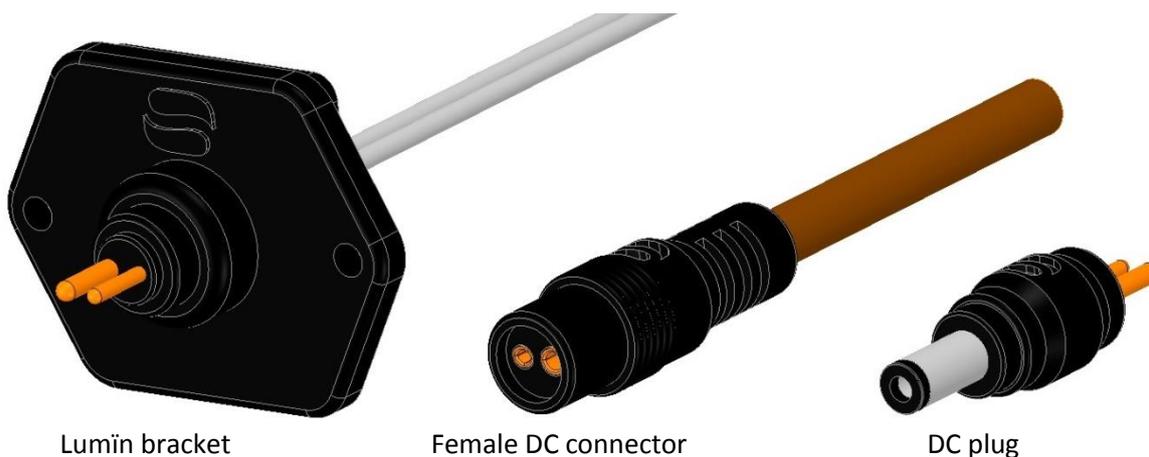


Step 10

Install the 8 enclosure torx screws.



Connecting the BOTW P&P ECO 12-13V MKII to the Lumīn Bracket



Both the Lumīn bracket and the Female DC connector are carrying our “S” logo. When both logos are facing to the same side, the connector pins are at the right spot and the Female DC connector can be inserted.

Tight fit Female DC connector

In some cases the Female DC connector has a very tight fit to the Lumīn bracket. The fitting can be improved by using a stock supplied DC plug first and insert and release the DC plug 5 – 10 in the Female DC connector.

Always use the On/Off switch if you want to turn “Off” the BOTW P&P ECO MKII. Turn the BOTW P&P ECO MKII always first “Off” before you pull the mains plug out of the AC outlet. This prevents the chance of getting an electric shock from the mains plug.

When the BOTW P&P ECO MKII has been switched “Off”, wait until the green led is fully off and wait approximately an additional 30 seconds before you turn the power supply back on. Set Sbooster BOTW P&P ECO 12-13V MKII PSU to **12V**, turn the BOTW “ON” and enjoy your music!