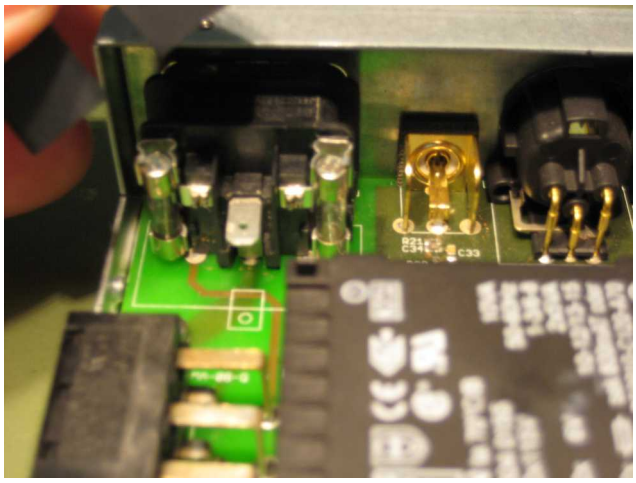
Fuses inside the Rosendahl nanosyncs HD

If your nanosyncs HD does not power up - all LEDs are off - it is possible that an internal fuse has blown.
This can happen when the unit is set to 115 VAC and has been connected to 230 VAC or due to a temporary mains over-voltage.

On the left side of the unit you will find the 115/ 230 VAC voltage selector. Check if mains voltage is selected according to your local supply voltage. Disconnect from mains before changing the voltage selector switch.

Warning:
Disconnect your nanosyncs from mains before removing the top cover!
Remove the 8 black philips screws on the top side, an other 2 on the left and 2 on the right side.

There are two **mains fuses** under a black sliding cover on the backside of the mains connector.

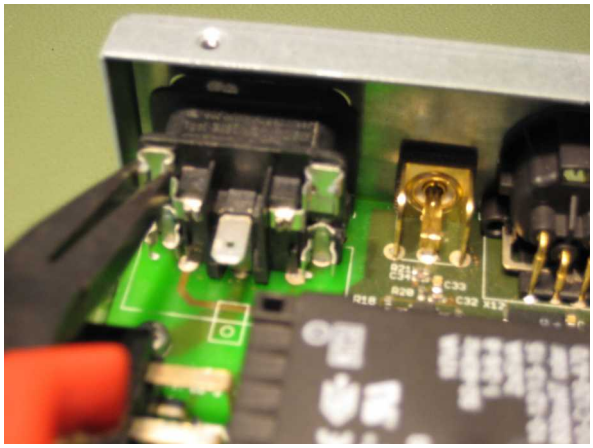


2 x 160 mA mains fuses
(slow blow type)

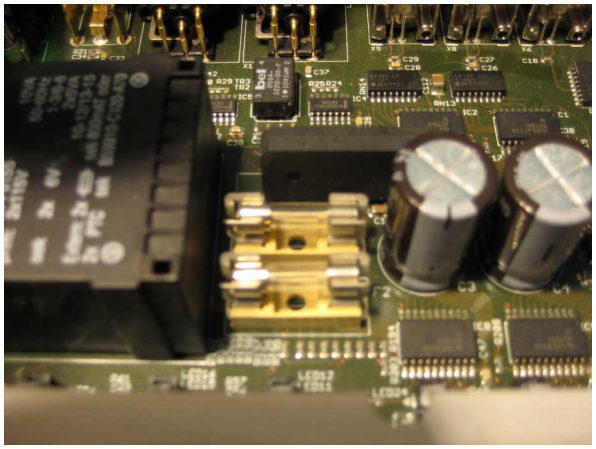
20 x 5 mm

A good 160 mA fuse typically has a resistance of 3-4 ohms.

Please also check if the contacts have good connection/ pressure on the fuses. You can improve contact pressure by bending the connector contacts together carefully as shown in the picture below.



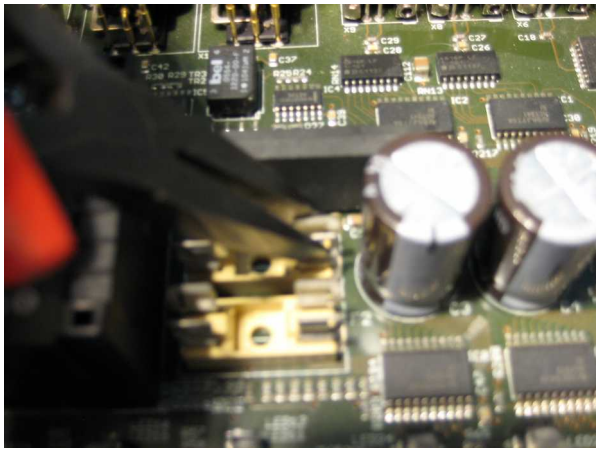
There are two secondary fuses on the right side of the mains transformer.



2 x 800 mA fuses
(slow blow type)

20 x 5 mm

The fuses have a typical resistance <1 ohm.
If one of these fuses is blown your nanosyncs is probably damaged/ has a dead/ shorted semiconductor circuit and must be repaired.
Please verify if the fuses are keeping good contact with the fuse holders.
You can improve contact pressure by bending fuse holder contacts together as shown in the picture below.



If you have further questions please contact support@rosendahl-studiotechnik.com