Power Supply adjustment for AIRLAB DT consoles

A	B	C	D
+5 volt	+15 volt	-15 volt	+48 volt
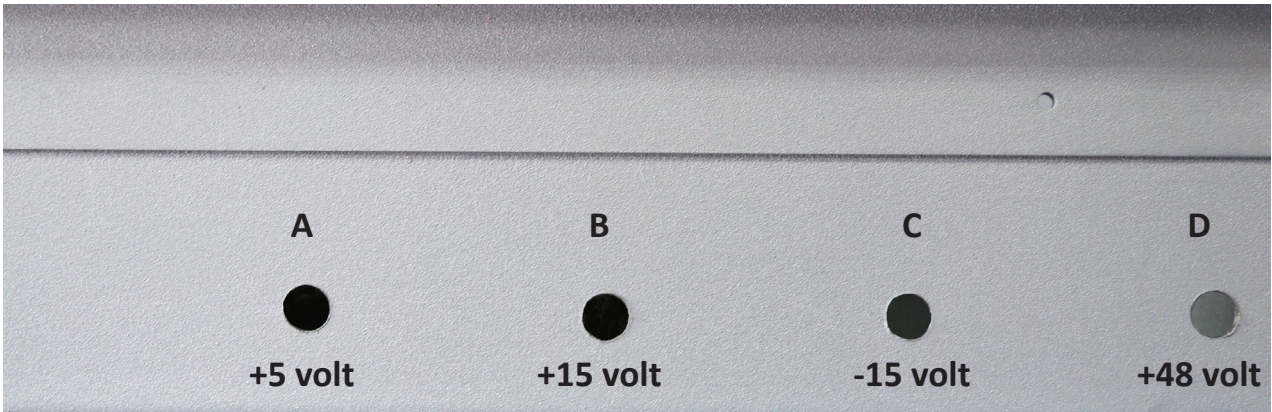
You need:

1. Small Flat (3mm max) or Phillips head screwdriver
2. Universal voltage meter.
3. Airlab-DT console disconnected and switched off from the mains power supply!

How to do it:

On the right hand side of the console frame below the faders you will see 4 holes covered with plastic caps. Remove the caps and you see trimmers that adjust the output voltage of the switched power supplies mounted in this section of the console.

You need to remove 6 input modules from the right side to see below picture in your console. But before you take out these modules remove the bottom plate of the frame to disconnect these modules from the shuttle flatcable first.

Now you need to find test points where you can measure the actual voltage.

Follow below steps:

1. Connect the black testpin to one of the ground islands (G) and switch on the console.
2. Connect the red test pin to point A=+5 volts.
3. Now slowly adjust trimmer A to measure +5 volts on testpoint A.
4. Repeat these steps for testpoints B, C and D and switch the consoles off.
5. Put back the modules in place, reconnect the flatcables underneath and tighten all screws again.

Note: *If you switch off the console wait 10 seconds before switching on again to allow all electronics to reset properly.*

A +5 volt   B +15 volt   C -15 volt   G GND   D +48 volt