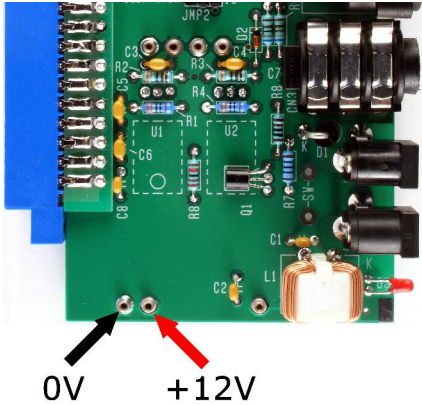
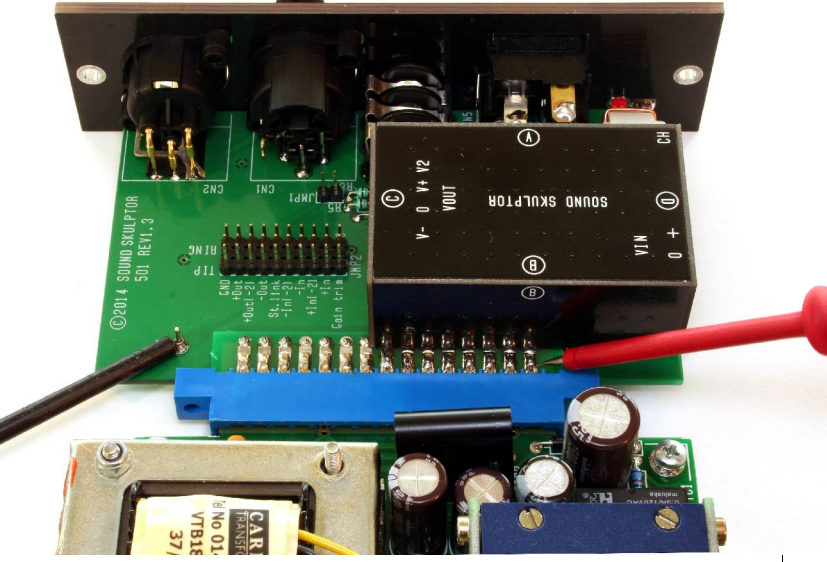
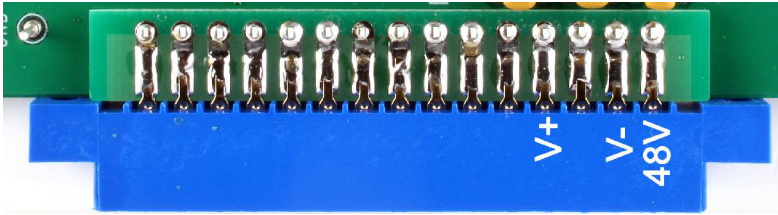


SK501 Test guide

Follow the testing procedure in the shown order. If one test fails, find out the problem, correct it then resume.

Always unplug power between steps because it is very easy to create a shortcut when moving a DMM probe. And most of the time, shortcuts are fatal to the circuits.

Step		Description
1.	Test setup	Remove the SK501 main PCB from the case. Remove the Switcher3 module if present.
2.	Power on test	<p>Connect the 12VDC adapter on one of the DC jacks. Connect your voltmeter on the Switcher-3 sockets 0V and +12V. Turn the power switch on and check that you get 12V. Turn the power off.</p> 
3.	With Switcher3	<p>Plug in the Switcher3 module. Set your DMM (digital multi meter) to DC volts (on a scale that goes to 48V) and connect the black probe to the GND pin.</p> 
4.	Power voltages check without load	<p>Connect the red probe to test point V+. Check that you get a value around 16 Volts. Connect the red probe to test point V-. Check that you get a value around -16 Volts. Connect the red probe to test point 48V. Check that you get a value around +48 Volts.</p> 



Step		Description
5.	Power voltages check with load	Connect one of your most current greedy 500 modules and repeat the measurements of the previous step.
6.	In/Out check	Verify that your 500 module works by sending a signal on input XLR and listening to the output XLR.
7.	Congratulations!	You're done!