

TECHNICAL BULLETIN #14_08_15-1
Product: 9024 and 6741
Subject: PowerCon connector mounting hardware
Scope: Applies to all 9024 and 6741 shipped prior to August 15, 2014

Overview

Older Neutrik PowerCon connector bodies interfere with the mounting hardware used on 9024 and 6741 product. Lower profile hardware is supplied to exchange with the original which will permit use of these older PowerCon connectors.

Parts Conversion Kit – P/N 99-1002-RC

Pathway will provide a parts conversion kit consisting of six screws, two 1/4" nuts and one 3/16" nut, and a 1/16" hex driver. One kit will be provided for each 9024 and each 6741 that requires conversion. Please contact the office at 403-243-8110 or support@pathwayconnect.com with the number of conversion kits you require.

Conversion Details – 9024 Opto-Splitter

- 1) *NOTE* ESD sensitive devices inside chassis. Be sure to work at a properly grounded workstation and take ESD precautions during this work.
- 2) Disconnect the 9024 from power and detach all cables.
- 3) Remove rack brackets from chassis.
- 4) Back off the 3 captive top cover screws until they spin freely in the top cover. Remove cover and set aside.
- 5) Remove 8 silver-headed screws securing the PCBA (Printed Circuit Board Assembly) to the bottom chassis then lift it up and remove the front panel. Set PCBA down and toward the back of the product – no need to detach any cables. See photos 1&2 for details.
- 6) Using #1 Phillips screwdriver and needle nose pliers, remove the 4 screws securing the PowerCon assembly to the rear panel. Replace with screws supplied and secure using 1/16" hex driver bit while holding the nut with needle nose pliers. NOTE: the one nut located nearest the main PCBA is a smaller form factor and must be replaced in this location to prevent interference with the PCBA. See photo 3 for details.
- 7) Align the front panel to the PCBA taking care to fit all light pipes and pushbutton correctly through the panel.
- 8) Lower the assembly straight into the chassis bottom taking care that both panels slide into the chassis slots.

Pathway Connectivity

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- 9) Secure PCBA to chassis using the 8 screws removed in step 4. NOTE: these are self-tapping screws – take care not to over torque on re-assembly to prevent strip-out.
- 10) Inspect assembly to ensure no cables were pinched during re-assembly
- 11) Replace top cover and secure with the 3 captive screws.
- 12) Re-fit rack brackets
- 13) Replace in installation as originally found

Photo 1 – 9024 with top cover removed, showing hardware to remove

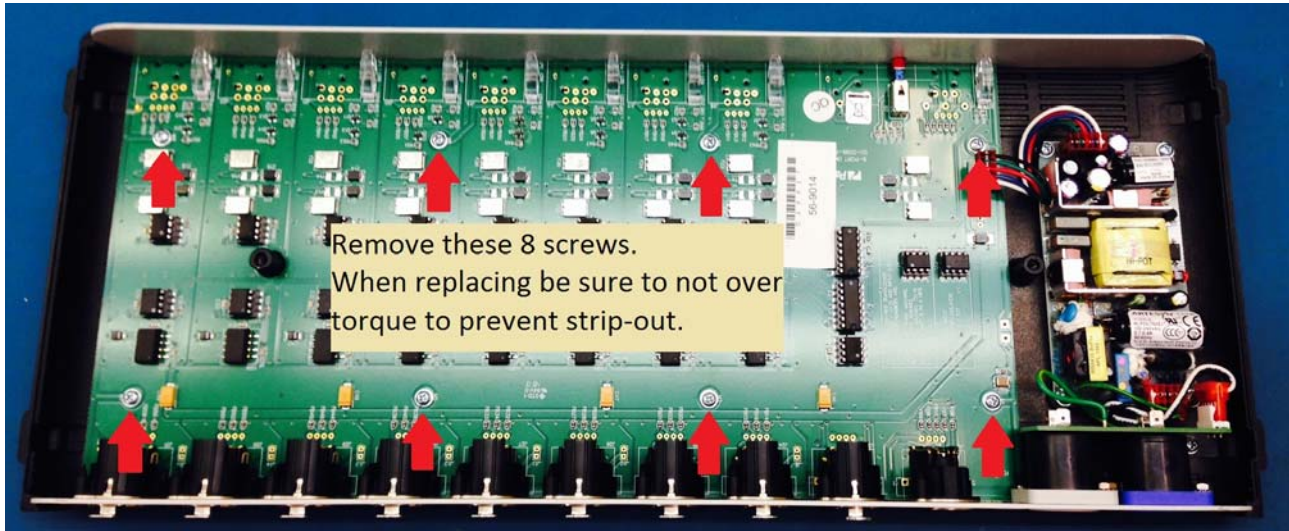


Photo 2 – 9024 with PCBA and front panel removed

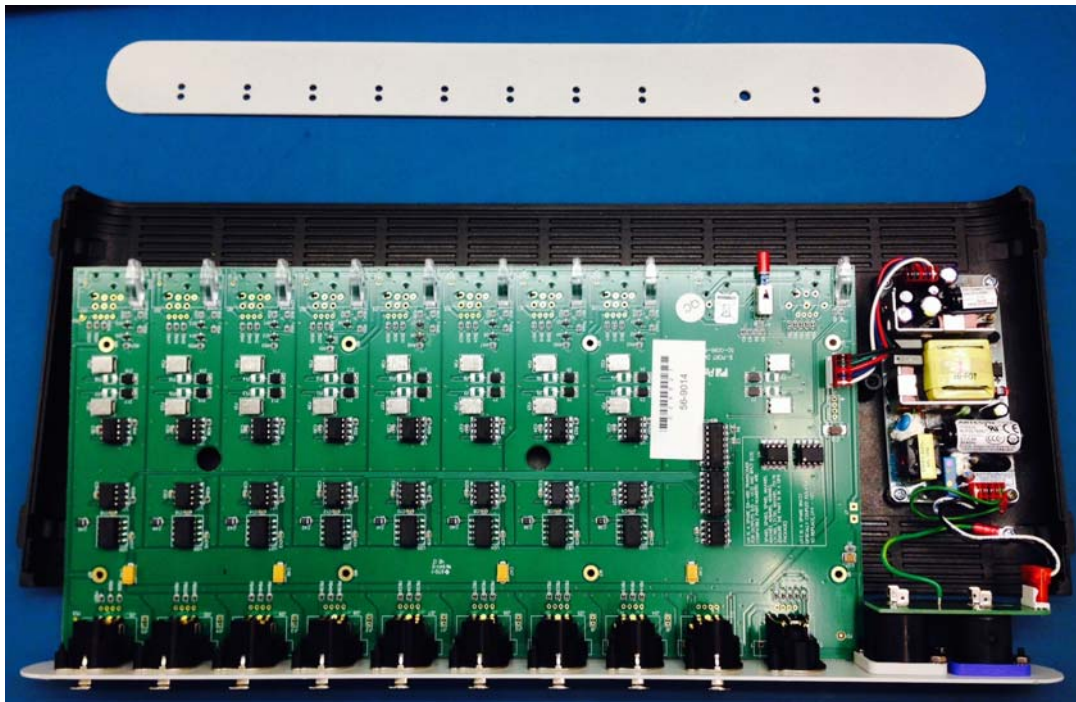
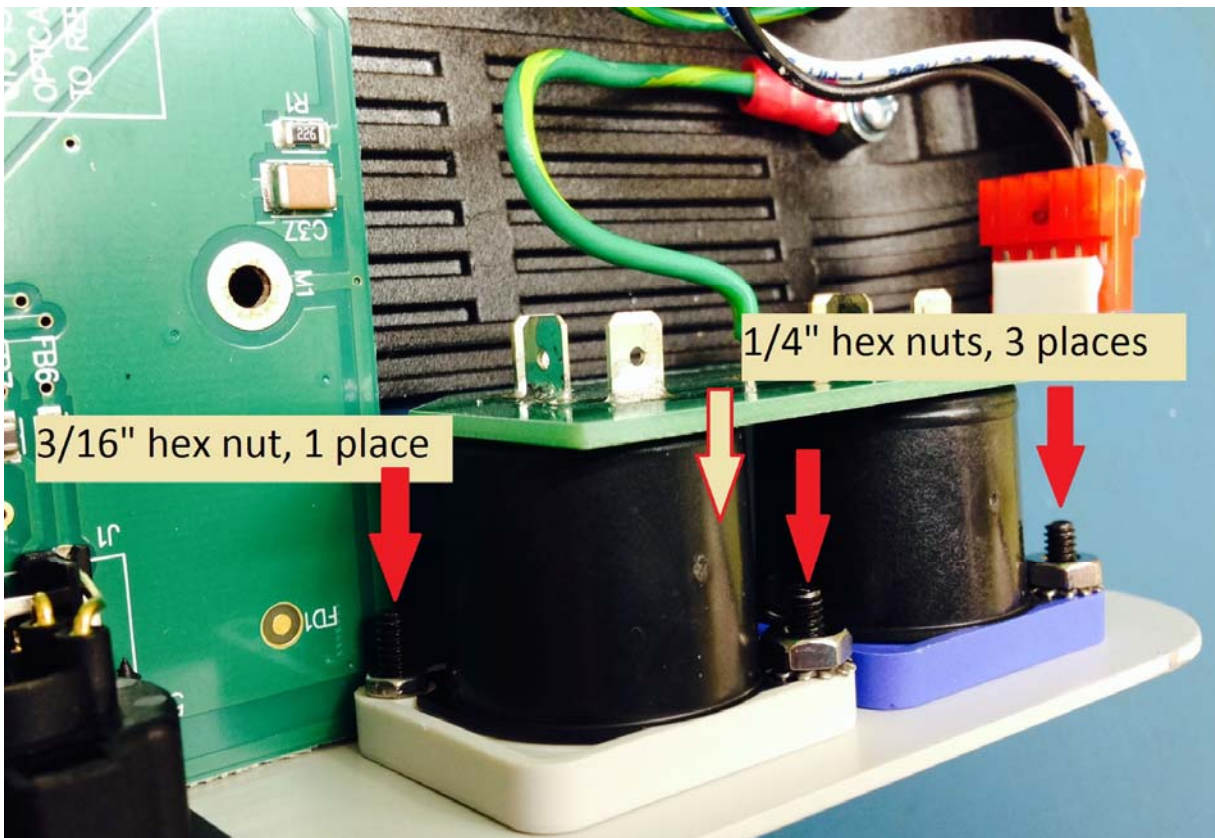


Photo 3 – 9024 PowerCon assembly detail



Conversion Details – 6741

- 1) *NOTE* ESD sensitive devices inside chassis. Be sure to work at a properly grounded workstation and take ESD precautions during this work.
- 2) Disconnect the 6741 from power and detach all cables
- 3) Remove the 12 screws securing the top cover. Remove cover and set aside.
- 4) Using #1 Phillips screwdriver and needle nose pliers, remove the 6 screws securing the PowerCon and SpeakOn connectors to the rear panel. See photo 4 for details.
- 5) Replace with screws supplied and secure using 1/16" hex driver bit while holding the nut with needle nose pliers. See photo 5 for details.
- 6) Replace top cover observing orientation and that countersunk holes are up. Replace 12 screws removed in step 3
- 7) Replace in installation as originally found

Photo 4 – 6741 internal view of SpeakOn and PowerCon connectors and hardware.

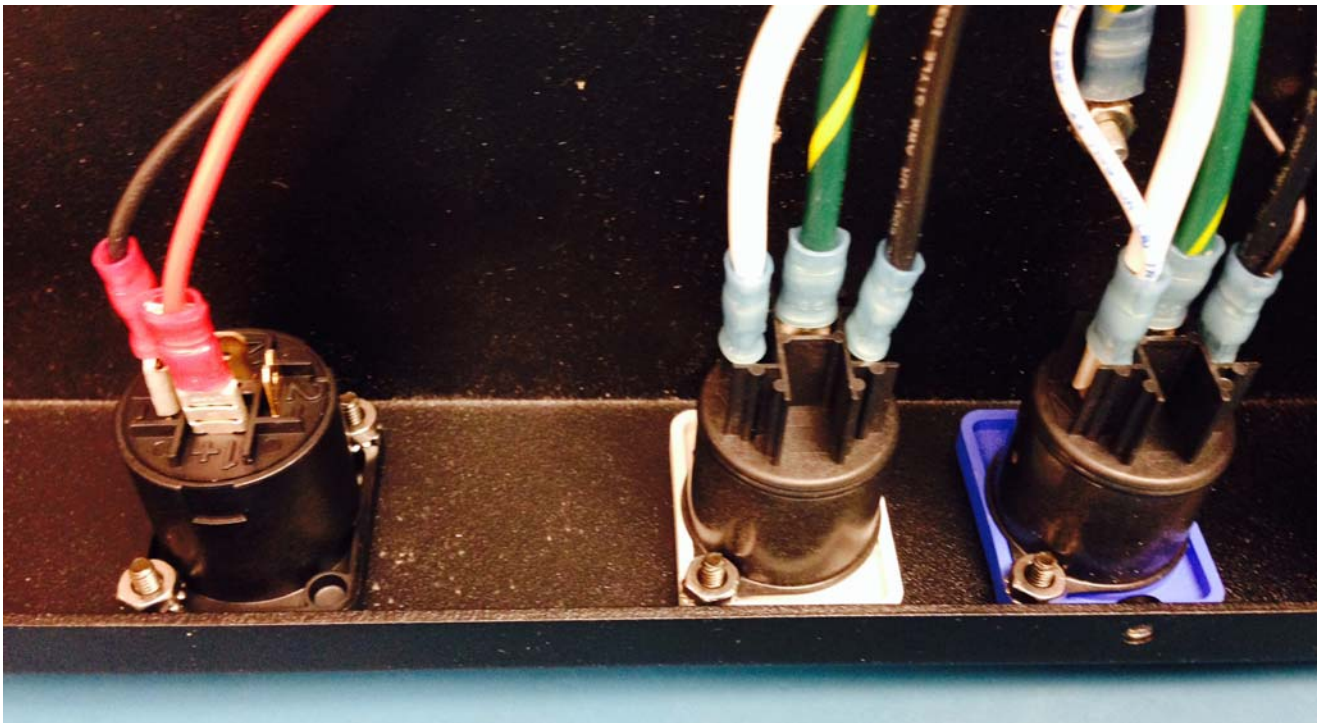


Photo 5 – 6741 external view of SpeakOn and PowerCon connectors and hardware.

Replacement hex screws shown.

