

Bulletin Number 243

Power Supply Replacement Directions**DP570 Multichannel Audio Tool**

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|--|
| <input type="checkbox"/> Modification Urgent |
| <input type="checkbox"/> Modification Recommended |
| <input type="checkbox"/> Modification Required if Problem Is Present |
| <input type="checkbox"/> Modification Required on Early Units |
| <input checked="" type="checkbox"/> Information Bulletin |

Required Tools and Parts

Tools required: #1 Phillips screwdriver

Parts needed: Replacement power supply (Dolby® Part Number 4900410) or Universal Microelectronics UP0653S-03

Replacement Procedure

1. Remove power from the unit.
2. Remove 14 Phillips head screws holding the top cover in place.

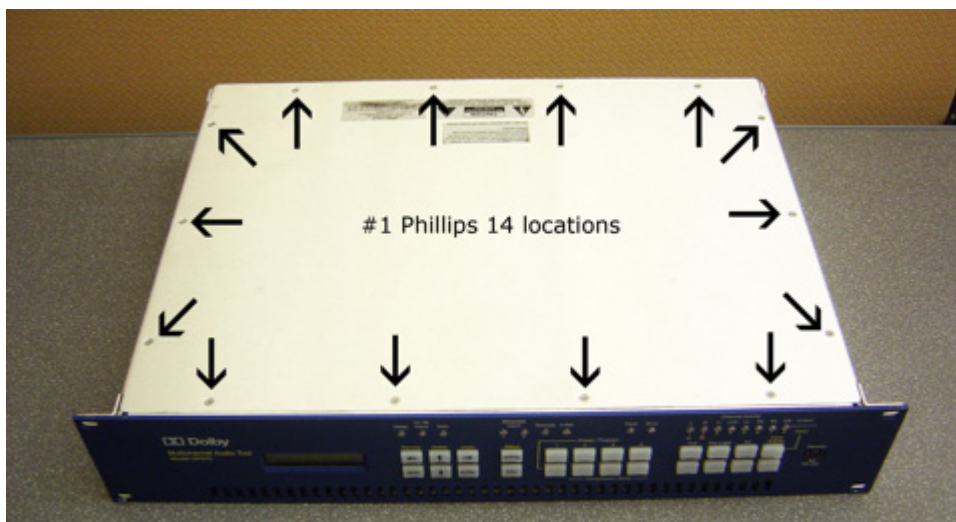


Figure 1 Top-Panel Screw Locations

3. Remove top cover. Figure 2 shows the power supply after the top panel is removed.

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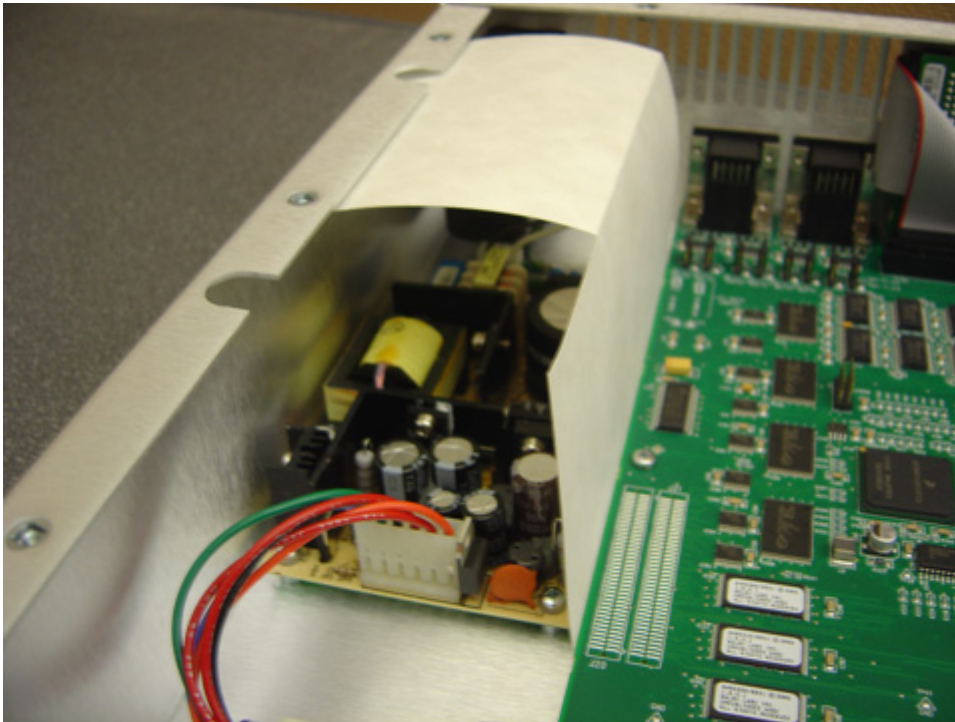


Figure 2 Power Supply with Top Panel Removed

4. Fold back protective cover from the power supply area. Figure 3 shows the protective cover folded back.

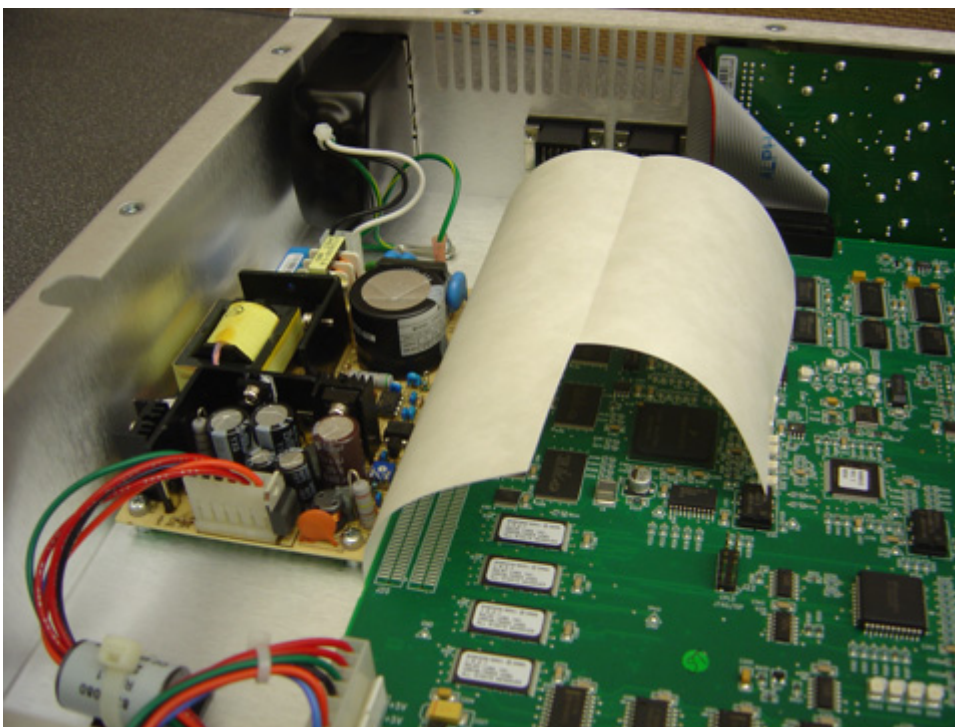


Figure 3 Power Supply Cover Folded Back

5. Unplug the white DC and AC connectors from the ends of the power supply module. Unplug the ground wire spade connector from the AC end of the power supply module. Figure 4 shows the AC end of the power supply module with the connectors unplugged.

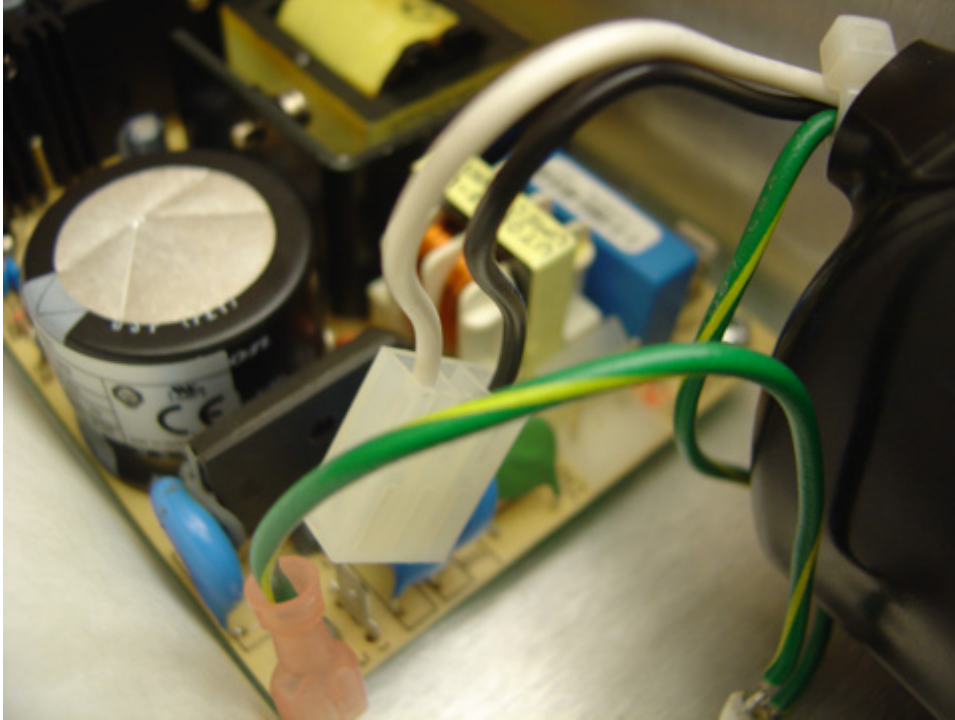


Figure 4 AC and Ground Connectors Unplugged

6. Remove the four Phillips head screws, shown in Figure 5 and Figure 6, that hold the power supply module in place.

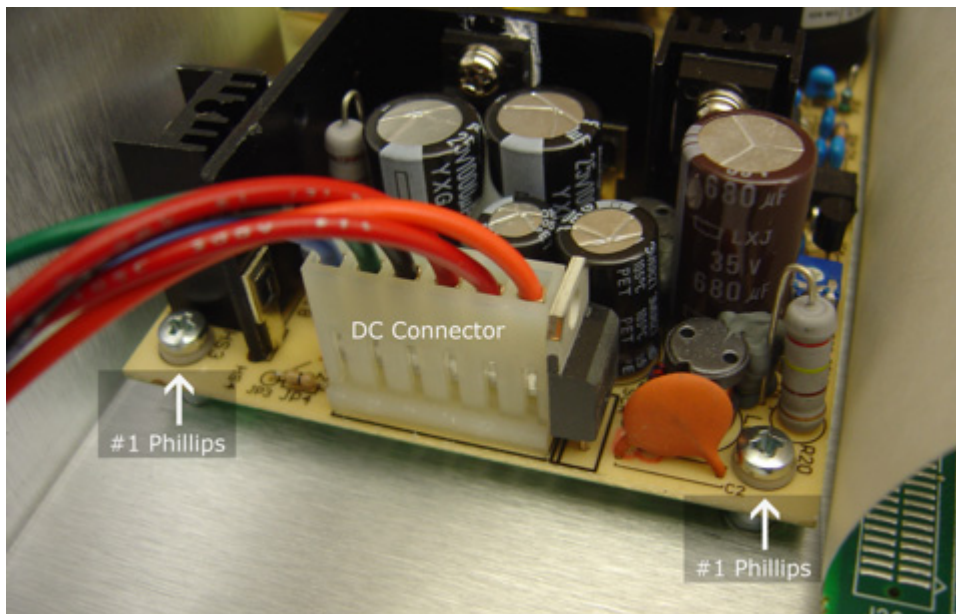


Figure 5 DC Connector and Attaching Screws

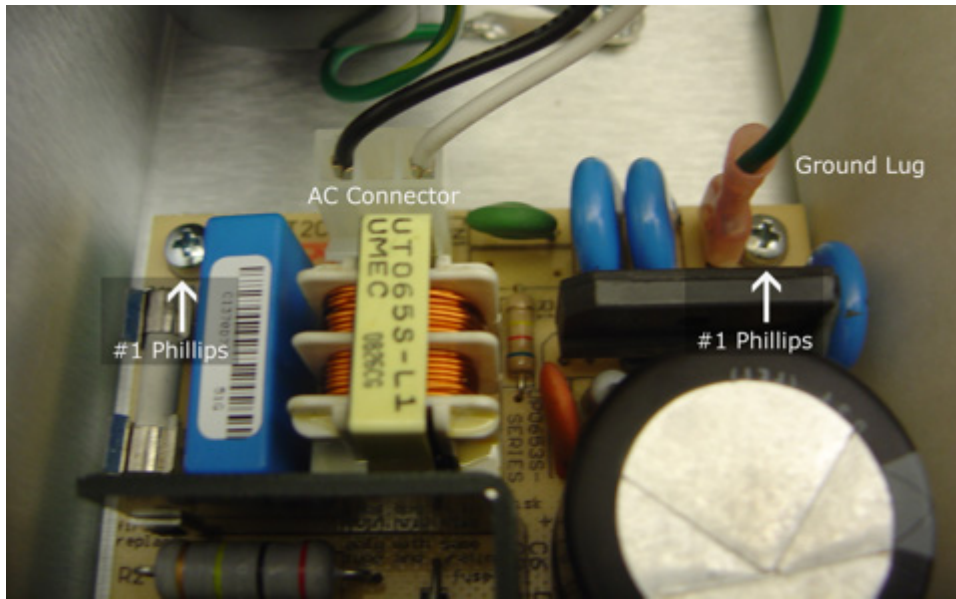


Figure 6 AC Connector and Attaching Screws

7. Remove the old module.
8. Install the new power supply, shown in Figure 7, noting correct orientation of the connectors.



Figure 7 Replacement Power Supply Module

9. Plug the white AC and DC connectors and the ground lug into the power supply module.
10. Return protective cover to its normal position over the power supply.
11. Replace top cover.
12. Insert and tighten all screws.

13. Check the fuse, and replace as needed with the appropriate sized fuse. Figure 8 shows the location of the fuse holder.



Figure 8 Fuse Holder

14. Plug in the unit, and verify that it functions.