

Bulletin Number 241**Power Supply Replacement Directions****DP564 Multichannel Audio Decoder**

- Modification Urgent
- Modification Recommended
- Modification Required if Problem Is Present
- Modification Required on Early Units
- Information Bulletin

Required Tools and Parts

Tools required: #1 Phillips screwdriver with 4-inch shank

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

Replacement Procedure

To replace the power supply:

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

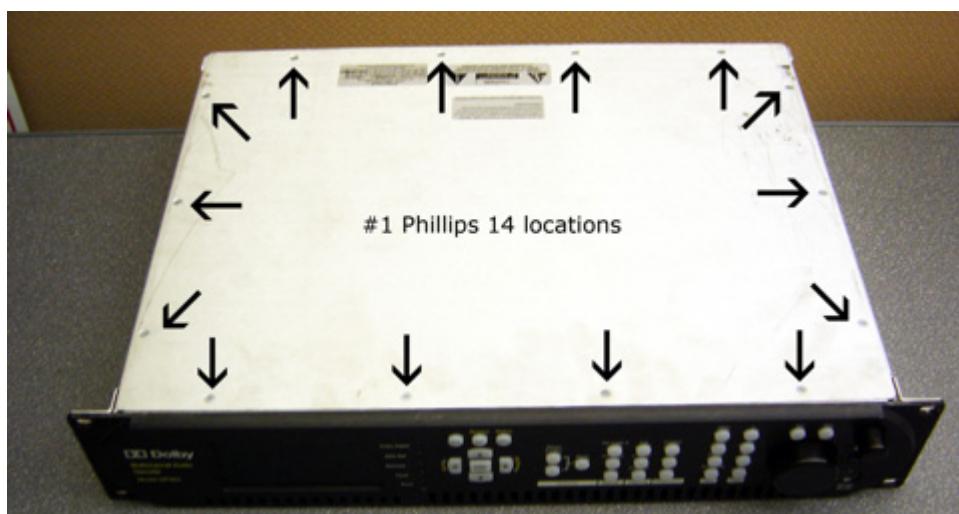


Figure 1 Top-Panel Screws

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3. Remove the top cover.
4. Remove the four Phillips head screws holding the power supply module in place. Figure 2 shows the two screws at the DC end of the module. Figure 3 shows the two screws at the AC end.

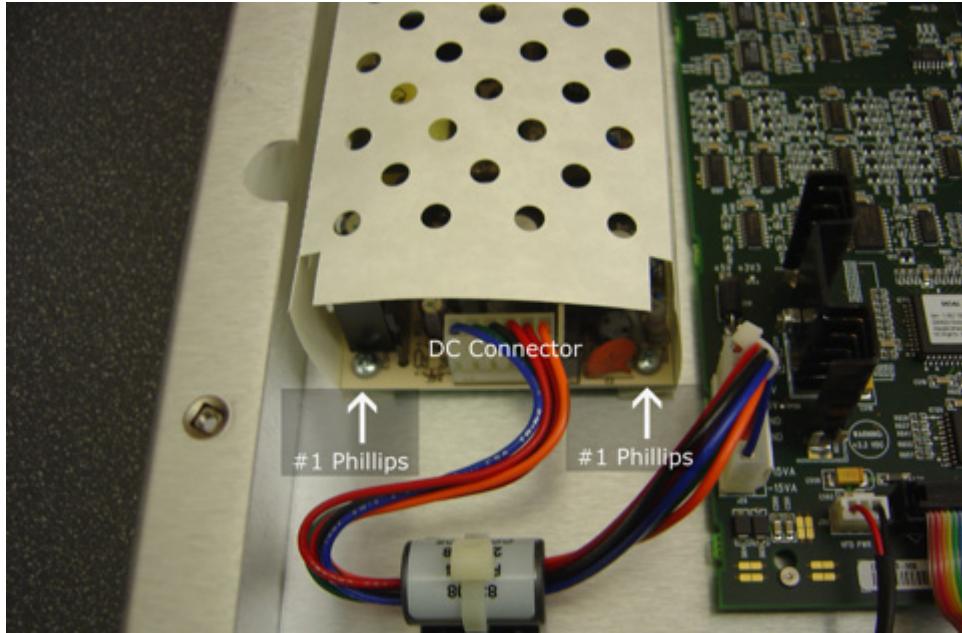


Figure 2 DC Side Screws

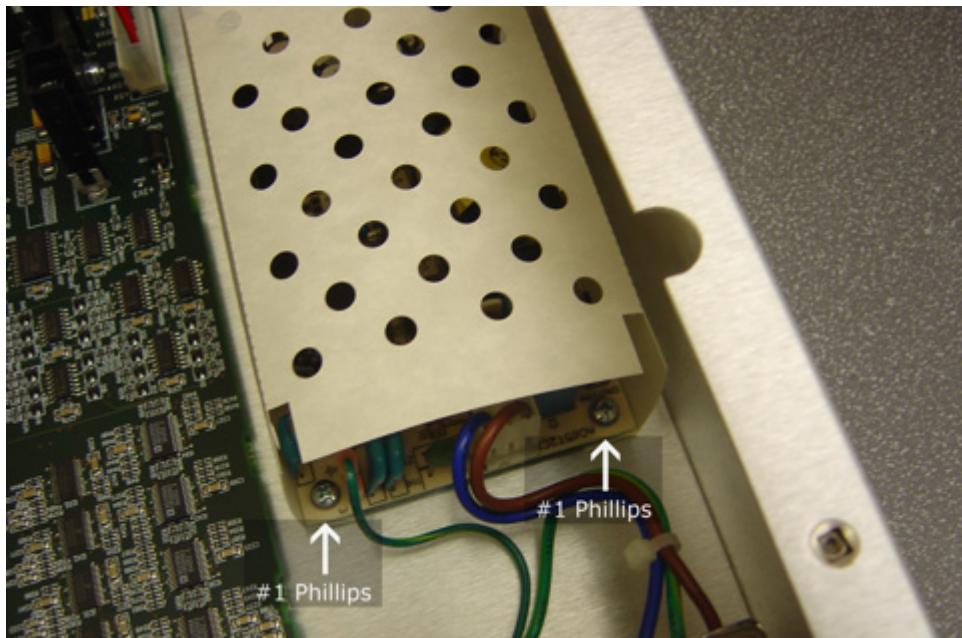


Figure 3 AC Side Screws

5. Lift up the old power supply and protective cover.
6. Unwrap the protective cover from the power supply module, and set it aside. The protective cover will be reused. Figure 4 shows the power supply module uncovered.



Figure 4 Uncovered Power Supply Module

7. Unplug the two white connectors and the ground wire spade connector from the old power supply module. The connectors to unplug are shown labeled in Figure 4.
8. Remove the old module.
9. Plug the two power connectors and ground wire spade connector into the new power supply module. Figure 5 shows the replacement module.



Figure 5 Replacement Power Supply Module

10. Install the new power supply module and protective cover, noting the correct orientation of the connectors. It is easiest to place the long side of the protective cover closest to the chassis wall first, as shown in Figure 6.

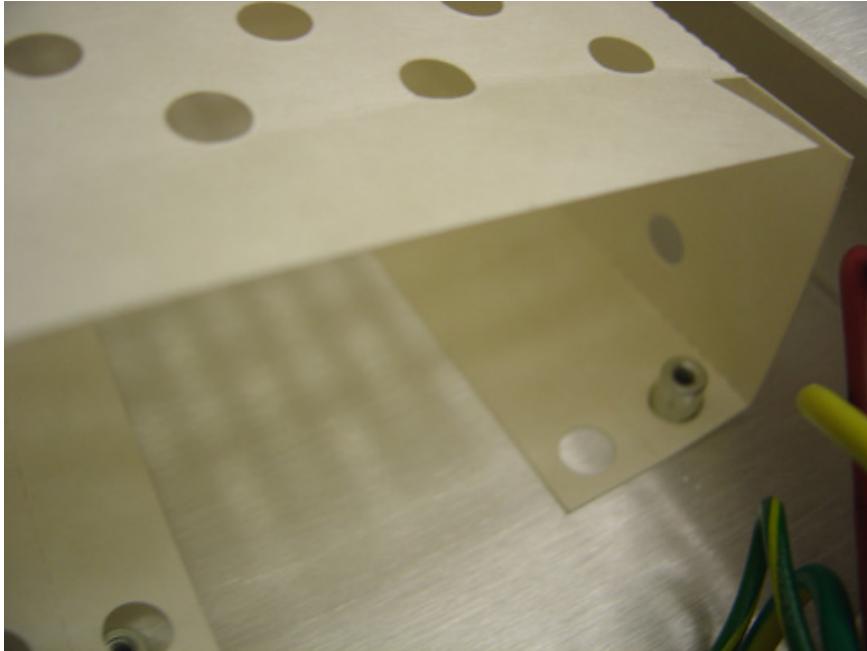


Figure 6 Protective Cover Started

11. Continue by placing that side of the power supply module over the mounting studs.
12. Slip the other side of the protective cover under the power supply and over the mounting studs.
13. Place the second side of the power supply over the mounting studs.
14. Figure 7 shows the AC end of the protective cover started under the power supply. Figure 8 shows the AC end of the power supply in position for the screws.

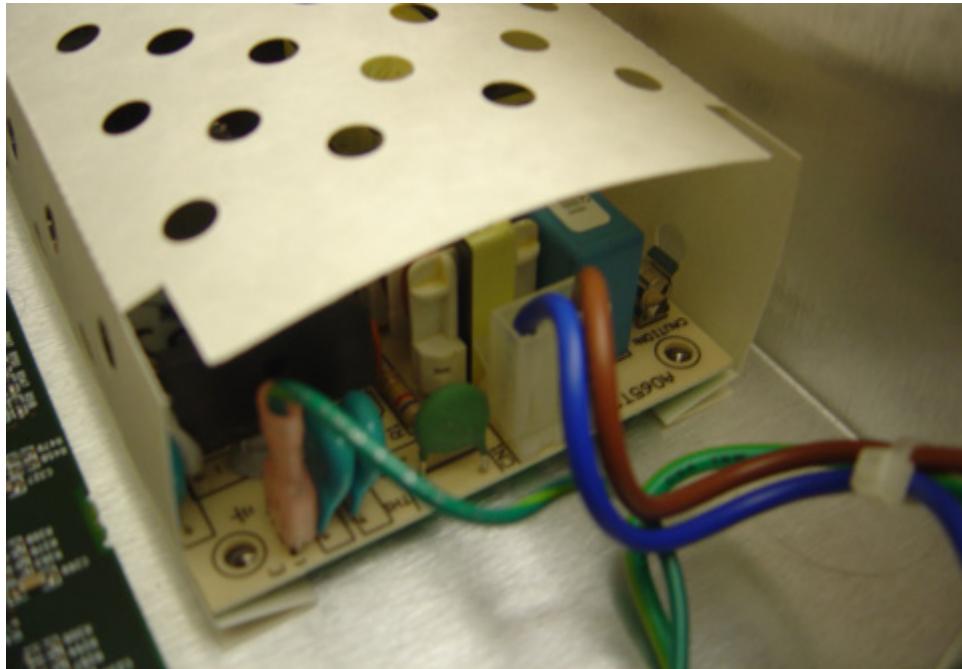


Figure 7 Protective Cover Started Under the AC End of the Power Supply Module

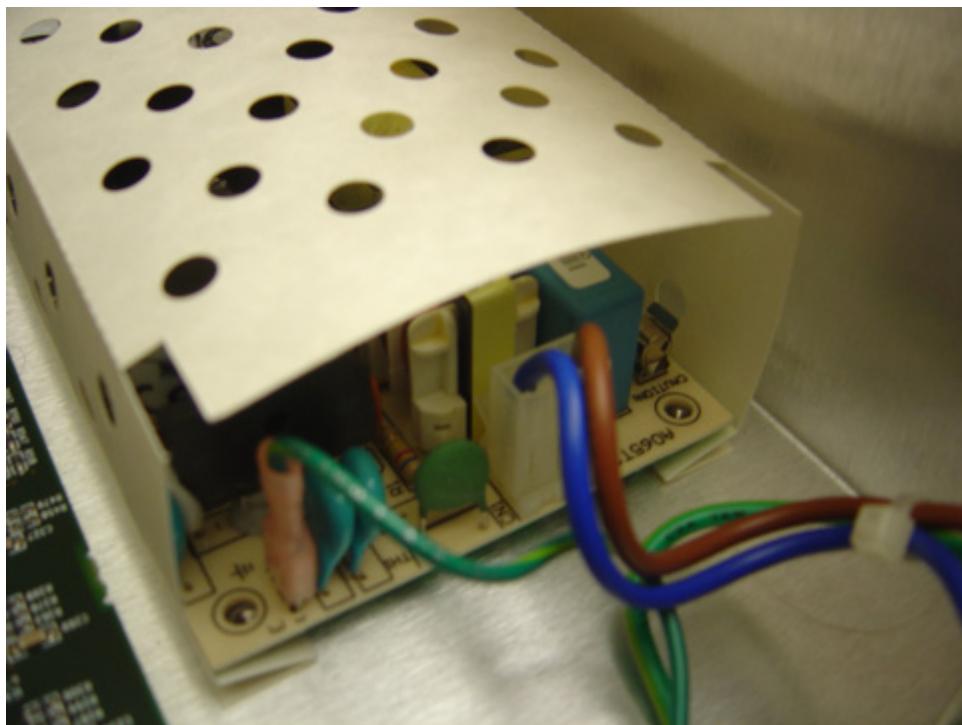


Figure 8 Power Supply Module in Place Ready to Be Secured

15. Replace the top cover, and insert all screws.
16. Check the fuse, and replace as needed with the appropriate sized fuse. Figure shows the fuse container removed from the unit. Figure shows the fuse container in place for operation.

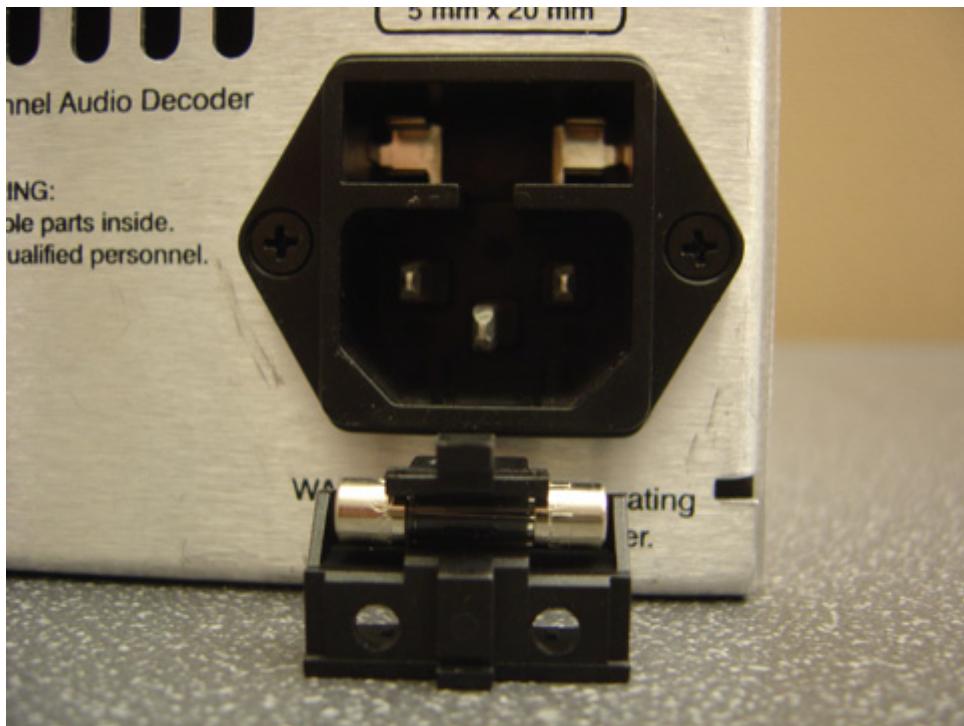


Figure 9 Fuse Container Removed for Fuse Replacement



Figure 10 Fuse Container in Place for Operation

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