

Bulletin Number 240**Power Supply Replacement Directions****DP563 Dolby Surround and Pro Logic II Encoder**

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

Required Tools and Parts

Tools required: 2 millimeter Allen wrench, #1 Phillips screwdriver

Parts needed: Replacement power supply (Dolby® Part Number 4900140) or Universal Microelectronics UP0403A-03

Replacement Procedure

To replace the power supply:

1. Remove power from unit.
2. Remove the screws holding the top cover in place. Begin with the three Allen cap screws in the front panel. Figure 1, Figure 2, and Figure 3 show the screws.

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S10/22910

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Figure 1 DP563 Front Panel (Left Side)

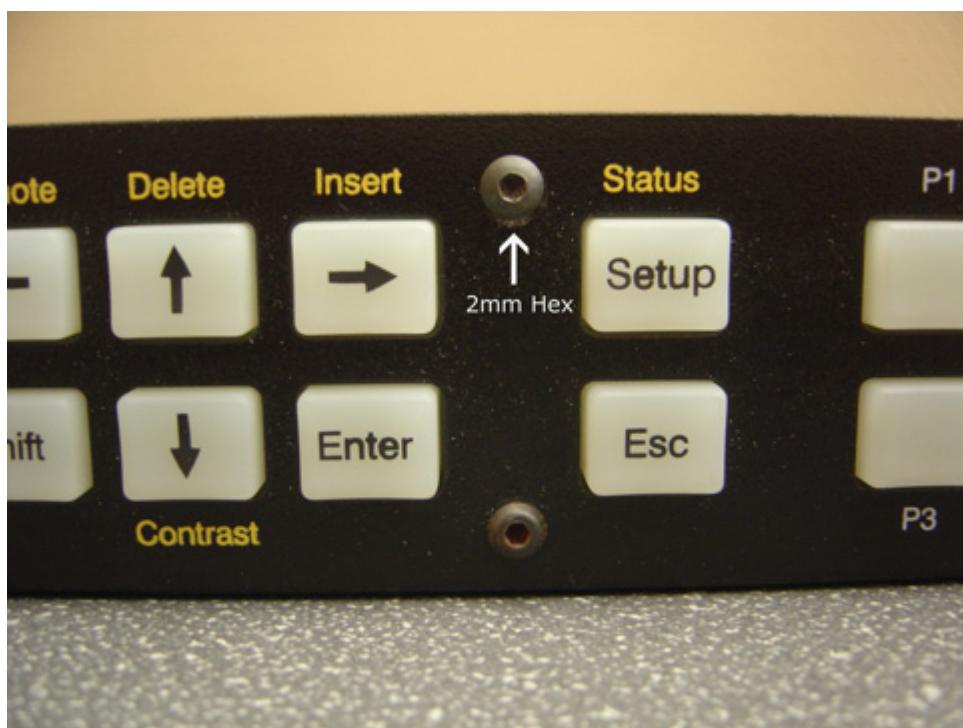


Figure 2 DP563 Front Panel (Center)



Figure 3 DP563 Front Panel (Right Side)

3. Remove the three Phillips-head screws in each side. Figure 4 shows the screws in one side.

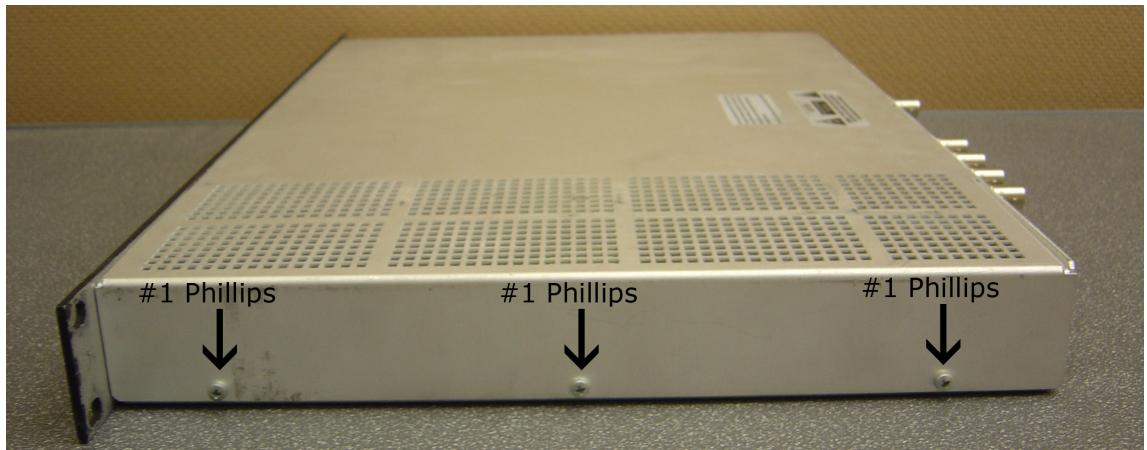


Figure 4 DP563 Side Screw Locations

4. Remove the three Phillips screws on the back panel. Figure 5, Figure 6, and Figure 7 show the screws.



Figure 5 DP563 Back Panel (Left Side)

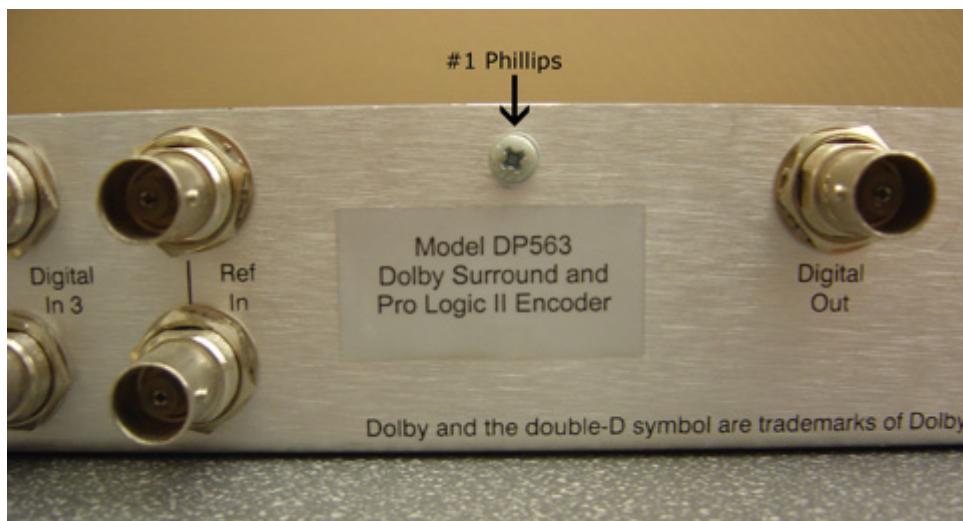


Figure 6 DP563 Back Panel (Center)

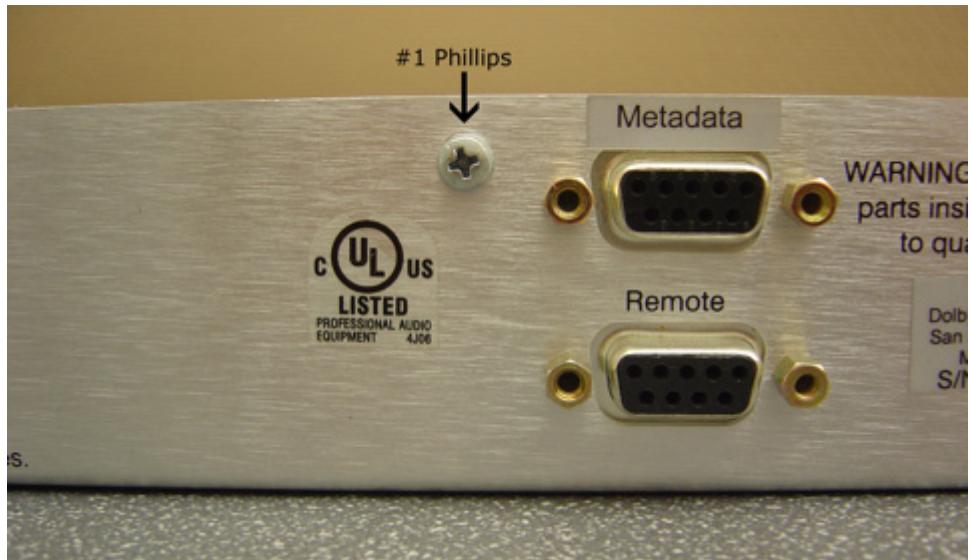


Figure 7 DP563 Back Panel (Right Side)

5. Remove the top cover.
6. Unplug the DC and AC connectors from the ends of the power supply module. Figure 8 shows the DC connector. Figure 9 shows the AC connector.

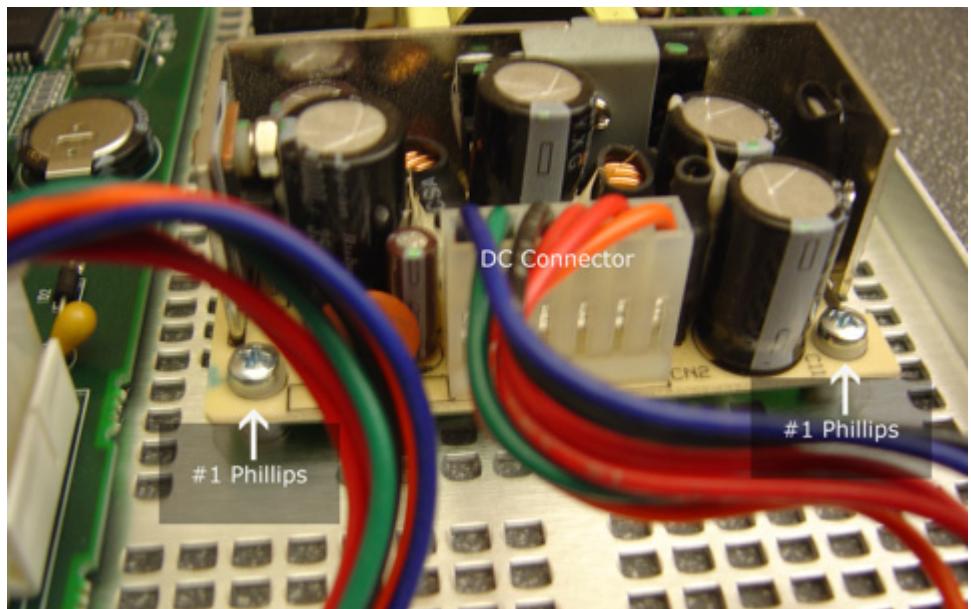


Figure 8 DC Connector and Attaching Screws

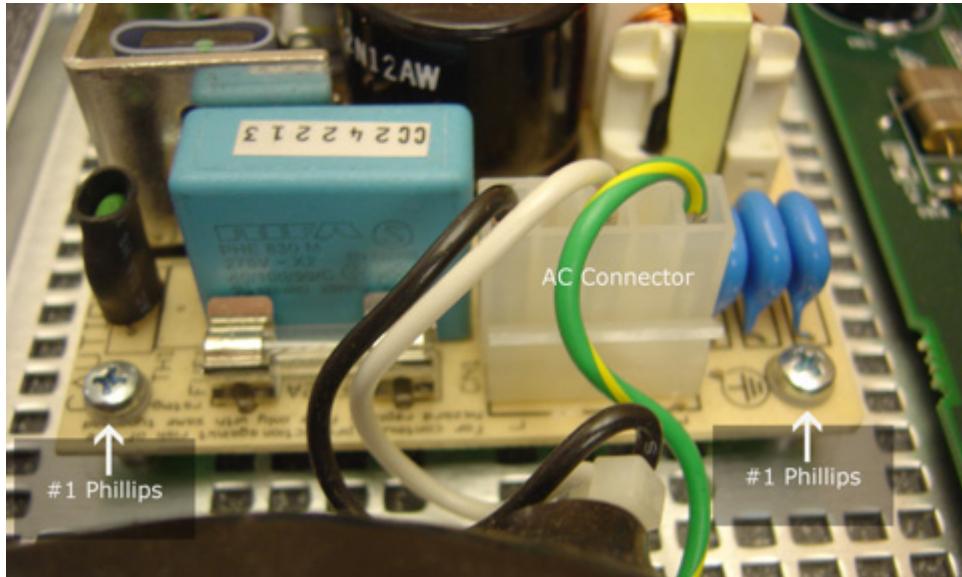


Figure 9 AC Connector and Attaching Screws

7. Remove the four Phillips head screws, shown in Figure 8 and Figure 9, that hold the power supply module in place.
8. Remove the old power supply module.
9. Install the new power supply, Dolby Part Number 49014, noting the correct orientation of connectors.

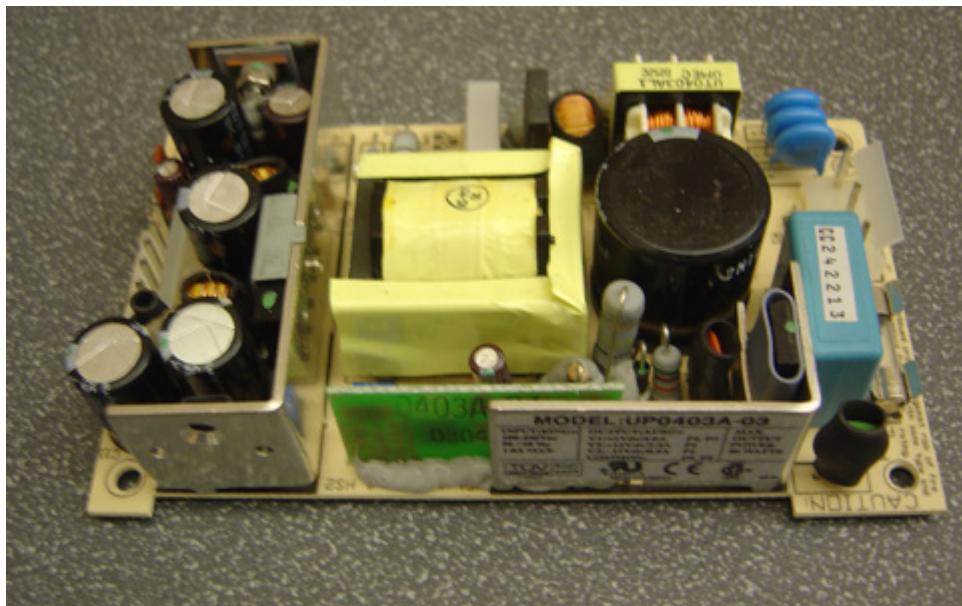


Figure 10 Replacement Power Supply Module

10. Plug the AC and DC connectors into the power supply module.
11. Replace the top cover.
12. Insert and tighten all screws.
13. Check the fuse, and replace as needed with the appropriate sized fuse. Figure 11 shows the fuse location.



Figure 11 Fuse Holder

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