

Bulletin Number 244**Power Supply Replacement Directions****DP571 Dolby E Encoder and DP572 Dolby E Decoder**

- 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 4900400) or Universal Microelectronics UP0401A-02

Replacement Procedure

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



Figure 1 DP571 Front Panel (Left Side)

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Figure 2 DP571 Front Panel (Center)



Figure 3 DP571 Front Panel (Right Side)

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



Figure 4 Side Screws

4. Remove three Phillips head screws on the top back, as shown in Figure 5.

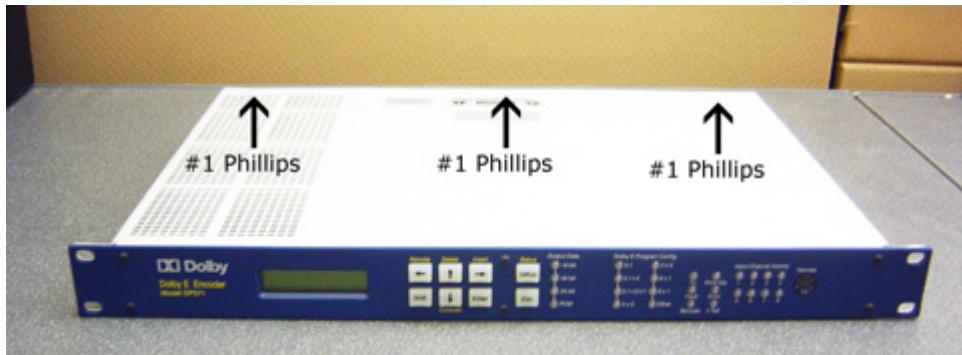


Figure 5 Top Screw Locations

5. Remove the top cover.
6. Unplug the white DC and AC connectors, shown in Figure 6, from the ends of the power supply module.

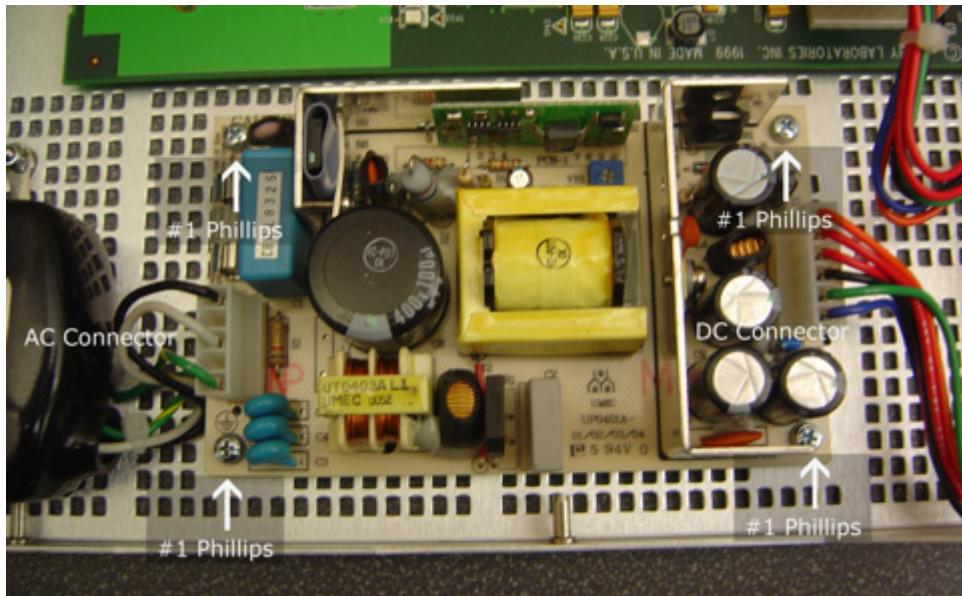


Figure 6 DC and AC Connectors and Attaching Screws

7. Remove the four Phillips head screws, shown in Figure 6, that hold the power supply module in place.
8. Remove the old power supply module.
9. Install the new power supply module, noting correct orientation of the connectors.

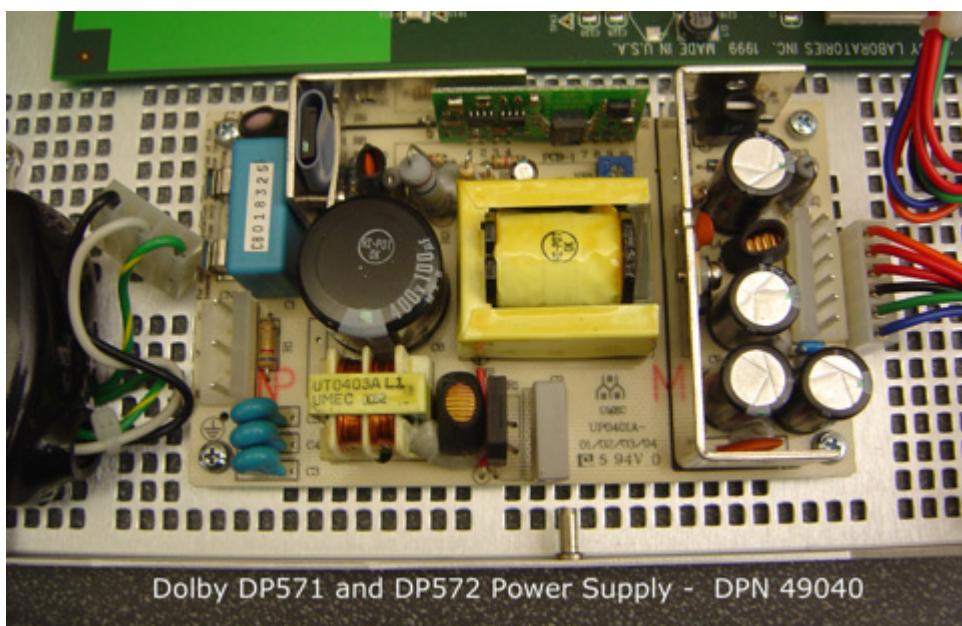


Figure 7 Replacement Power Supply Module

10. Plug the DC and AC 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 8 shows the fuse holder.



Figure 8 Fuse Holder

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