Power Supply Replacement Procedure for the Cisco MeetingPlace 8106

This procedure describes how to replace the power supply for the Cisco MeetingPlace 8106 and contains the following topics:

Additional References

Follow these general guidelines:

- If you want information about installing the Cisco MeetingPlace 8100 series hardware for the first time or information about upgrading the Cisco MeetingPlace 8100 series software, see the *Installation and Upgrade Guide* for Cisco MeetingPlace Audio Server Release 5.3 at the following URL: http://www.cisco.com/univercd/cc/td/doc/product/conf/mtgplace/audio/53/53inst/index.htm.
- If you want information about configuring the Cisco MeetingPlace 8100 series, see the *Configuration Guide* for Cisco MeetingPlace Audio Server Release 5.3 at the following URL: http://www.cisco.com/univercd/cc/td/doc/product/conf/mtgplace/audio/53/53config/index.htm.
- For complete information about all of the Cisco conferencing documentation, including *Regulatory Compliance and Safety Information for the Cisco MeetingPlace Series 8100*, see the *Guide to Cisco Conferencing Documentation and Support* at the following URL: http://www.cisco.com/univercd/cc/td/doc/product/conf/mtgplace/roadmap.htm.

Corporate Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

Before Replacing the Power Supply

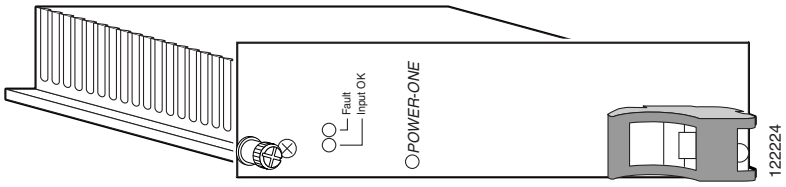
This section contains the following topics:

Checking the New Power Supply for Damage

Visually inspect your new Cisco MeetingPlace 8106 power supply for damage. Contact Cisco TAC if the Cisco MeetingPlace 8106 power supply that you received was damaged during shipping or if parts are missing.

Figure 1 shows the Cisco MeetingPlace 8106 power supply.

Figure 1 Cisco MeetingPlace 8106 Power Supply



Ensuring That You Have the Required Tools

Ensure that you have the following tools to replace the power supply for your Cisco MeetingPlace 8106:

- Phillips #2 screwdriver
- ESD protection

How To Replace the Power Supply

The Cisco MeetingPlace 8106 has two power supplies. During normal operation, the load is distributed between the two power supplies. If one power supply fails, the other power supply continues to power the Cisco MeetingPlace 8106.

Note You can replace a failed power supply without interrupting the Cisco MeetingPlace 8106 operation. You do not need to power down your Cisco MeetingPlace 8106 to replace a failed power supply.

To determine if a power supply has failed, you can use telnet to view the status of the power supplies or you can scan the LEDs on the front panel of the power supply.

Replacing a power supply for the Cisco MeetingPlace 8106 consists of the following activities:

Determining the Status of the Current Power Supplies By Using Telnet

Use telnet to determine the status of the current power supplies, by doing the following:

Step 1 Access the CLI.

Step 2 Log in as an administrator. The tech$ prompt appears.

Step 3 At the tech$ prompt, enter **hwconfig**.

Step 4 Scroll down to the "Power Supplies" entry and check the status. If this status says anything other than "OK," there is a problem.

Determining the Status of the Current Power Supplies By Scanning the LEDs

Each power supply has two LEDs on the front panel that indicate its status:

- **Input OK**—This green LED is illuminated if the power supply is functioning properly.
- **Fault** —This red LED is illuminated if the power supply has failed.

Removing the Old Power Supply

Warning **Do not touch any of the exposed leads, terminals, or components. Hazardous voltages, capable of causing death, may be present in this product.**

Caution If both power supplies fail concurrently, power down your Cisco MeetingPlace 8106 and unplug the power cable from the power outlet before proceeding.

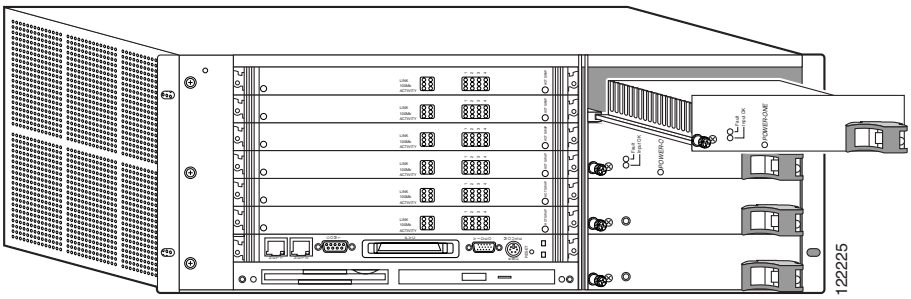
Step 1 Manually loosen the screw that secures the power supply to the chassis. This screw is located on the front left of the power supply. No screwdriver is needed.

Step 2 Use a Phillips screwdriver to loosen the screw in the latching mechanism. The latching mechanism is located on the front right of the power supply.

Step 3 Push the red tab inside the latching mechanism in and pull the black handle out. The power supply pops out of the connector in the back of the power supply bay.

Step 4 Slide the power supply out of the power supply bay. See Figure 2.

Figure 2 Removing the Cisco MeetingPlace 8106 Power Supply



Installing the New Power Supply

Warning **Do not touch any of the exposed leads, terminals, or components. Hazardous voltages, capable of causing death, may be present in this product.**

Step 1 Remove the new power supply from the antistatic bag.

Step 2 Insert the bottom edges of the power supply into the rail guides in the power supply bay. If you can tilt the power supply more than 2 degrees after it is in the power supply bay, both edges are not in the rail guides.

Step 3 Slide the power supply into the power supply bay until it stops. You hear a click when it is completely in.

Step 4 Use your thumbs to press the power supply into the power supply bay so that the front panel of the power supply is flush with the chassis.

Caution Do not force the power supply into the slot. This can damage the power supply and the Cisco MeetingPlace 8106 chassis.

Step 5 Secure the power supply in the power supply bay by pushing the black handle in towards the chassis. The Input OK LED illuminates after the power supply successfully connects to the chassis.

Caution Do not force the handle closed. If the connectors are misaligned, you can bend and break the pins.

Step 6 Use a Phillips screwdriver to replace the screw in the latching mechanism. The latching mechanism is located on the front right of the power supply.

Step 7 Manually tighten the screw that secures the power supply to the Cisco MeetingPlace 8106 chassis. This screw is located on the front left of the power supply. No screwdriver is needed.

Verifying that the New Power Supply Works Correctly

Step 1 Check the LEDs. See the "Determining the Status of the Current Power Supplies By Scanning the LEDs" section on page 3. If the LEDs do not look normal , try reseating the power supply. See Step 3.

Step 2 Enter **hwconfig**. See the "Determining the Status of the Current Power Supplies By Using Telnet" section on page 3. If the **hwconfig** output does not look normal , try reseating the power supply. See Step 3.

Step 3 If you reseat the power supply and still have problems, examine the power supply connectors to see if they are damaged or dirty. If both sides of the connectors look good, try installing another power supply.

If the second power supply installs and works correctly, send the power supply you tried to use as a replacement first back to the factory. If the second power supply does not install or work correctly, contact Cisco TAC.