



Power Supply Replacement Procedure for the Cisco MeetingPlace 8112

This procedure describes how to replace the power supply for the Cisco MeetingPlace 8112 and contains the following topics:

- [Additional References, page 1](#)
- [Before Replacing the Power Supply, page 2](#)
- [How To Replace the Power Supply, page 2](#)



Note

- The power supply and the fan are housed in the same unit. You cannot replace them separately, as they are connected. If you need to replace one, you automatically replace the other.
 - The fan *filter* is a different component. For information on replacing the fan filter, which is considered a regular maintenance procedure, see the *Installation and Upgrade Guide* for Cisco MeetingPlace Audio Server Release 5.3.
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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>.



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Before Replacing the Power Supply

This section contains the following topics:

- [Checking the New Power Supply for Damage, page 2](#)
- [Ensuring That You Have the Required Tools, page 2](#)

Checking the New Power Supply for Damage

Visually inspect your new Cisco MeetingPlace 8112 power supply for damage. Contact Cisco TAC if the Cisco MeetingPlace 8112 power supply that you received was damaged during shipping or if parts are missing.

Ensuring That You Have the Required Tools

Ensure that you have the following tools to replace the power supply for your Cisco MeetingPlace 8112:

- Phillips #2 screwdriver
- ESD protection

How To Replace the Power Supply

The Cisco MeetingPlace 8112 has three power supplies. During normal operation, the load is distributed between the three power supplies. If one power supply fails, the other two power supplies continue to power the Cisco MeetingPlace 8112. If two power supplies fail at the same time, the remaining power supply can continue to support some configurations but may fail when the Cisco MeetingPlace 8112 reboots.

**Note**

You can replace a failed power supply without interrupting the Cisco MeetingPlace 8112 operation. You do not need to power down your Cisco MeetingPlace 8112 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 8112 consists of the following activities:

- [Determining the Status of the Current Power Supplies By Using Telnet, page 3](#)
- [Determining the Status of the Current Power Supplies By Scanning the LEDs, page 3](#)
- [Removing the Old Power Supply, page 3](#)
- [Installing a New Power Supply, page 4](#)

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:

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

Scan the LEDs on the front panel at the bottom of the power supply assembly to determine the current status. The LEDs indicate whether the power supply or fan is out of service. You must replace the entire assembly when either the power supply or the fan is out of service. [Table 1](#) identifies the LED color that indicates the service status.

Table 1 Cisco MeetingPlace 8112 Power Supply LEDs

Power Supply		Fan	
In Service LED	Out of Service LED	In Service LED	Out of Service LED
Green	Red	Green	Red

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 all three power supplies fail concurrently, power down your Cisco MeetingPlace 8112 and unplug the power cable from the power outlet before proceeding.

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- Step 1** Use a Phillips screwdriver to remove the two captive screws that secure the power supply to the chassis. These screws are located on the bottom of the power supply.
 - Step 2** Use the handle on the top of the power supply to slide the power supply out of the chassis.



Note

When you remove the power supply from the chassis, be sure to support the bottom of the power supply. Lift the power supply so that the back will clear the lip of the chassis.

Installing a 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.

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- 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.

**Note**

Insert the power supply with a single, steady motion. Bouncing the power supply during insertion may cause an alarm condition in the Cisco MeetingPlace system.

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- Step 4** Use a Phillips screwdriver to replace the two captive screws that secure the power supply to the Cisco MeetingPlace 8112 chassis. These screws are located at the bottom of the power supply.
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Verifying that the New Power Supply Works Correctly

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- 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.
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