

[Cisco Unified MeetingPlace Release 6.1](#) > [Cisco Unified MeetingPlace Audio Server](#) > [Installing the hardware](#) > [Installing the Cisco Unified MeetingPlace 8100 Series Hardware](#)

Before mounting the Cisco Unified MeetingPlace Audio Server in a rack, confirm that you have met the appropriate requirements in [Environmental Requirements](#).

The Cisco Unified MeetingPlace 8100 series servers can be mounted in two types of racks:

<p><b>Cisco Unified MeetingPlace 8106</b></p>	<ul style="list-style-type: none"> <li>• 19-inch Frame-Relay rack.  See the <a href="#">Mounting the Cisco Unified MeetingPlace 8106 in a 19-Inch Frame-Relay Rack</a>.</li> <li>• 19-inch Electronic Industries Alliance (EIA) equipment rack.  See the <a href="#">Mounting the Cisco Unified MeetingPlace 8106 in a 19-Inch EIA Equipment Rack</a>.</li> </ul>
<p><b>Cisco Unified MeetingPlace 8112</b></p>	<ul style="list-style-type: none"> <li>• 19- or 23-inch Frame-Relay rack.  See the <a href="#">Mounting the Cisco Unified MeetingPlace 8112 in a 19- or 23-Inch Frame-Relay Rack</a>.</li> <li>• 19- or 23-inch Electronic Industries Alliance (EIA) equipment rack.  See the <a href="#">Mounting the Cisco Unified MeetingPlace 8112 into a 19- or 23-Inch EIA Equipment Rack</a>.</li> </ul>

When mounting the Cisco Unified MeetingPlace Audio Server in a Frame-Relay rack, which is common in central office locations, the Cisco Unified MeetingPlace 8106 is held along the front of the chassis and the Cisco Unified MeetingPlace 8112 is held along the center of the chassis.

After mounting the Cisco Unified MeetingPlace Audio Server, mount the breakout box, if applicable. See the [Mounting the Breakout Box for T1 PRI and E1 Cisco Unified MeetingPlace Systems](#).

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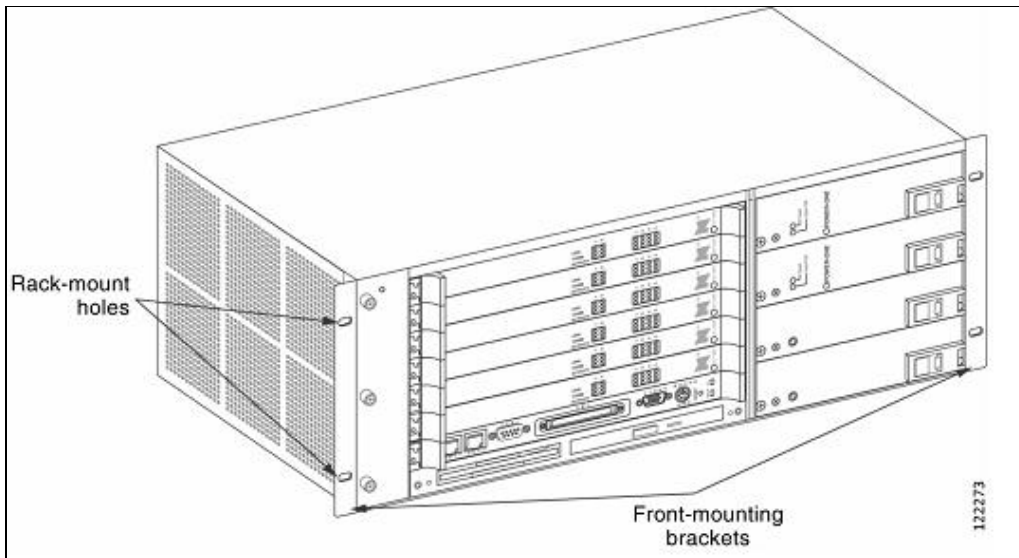
## Mounting the Cisco Unified MeetingPlace 8106 in a 19-Inch Frame-Relay Rack

The Cisco Unified MeetingPlace 8106 ships with two mounting brackets already attached to the **front** of it (see [Figure: Mounting the Cisco Unified MeetingPlace 8106 in a Frame-Relay Rack](#)). The long sides of the brackets are fastened to the Cisco Unified MeetingPlace 8106.

### To Mount the Cisco Unified MeetingPlace 8106 in a 19-Inch Frame-Relay Rack

1. Slide the Cisco Unified MeetingPlace 8106 into the front of the rack.
2. Attach the Cisco Unified MeetingPlace 8106 to the rack. The Cisco Unified MeetingPlace 8106 comes with screws to attach the mounting brackets to the rack. See [Figure: Mounting the Cisco Unified MeetingPlace 8106 in a Frame-Relay Rack](#).

**Figure: Mounting the Cisco Unified MeetingPlace 8106 in a Frame-Relay Rack**



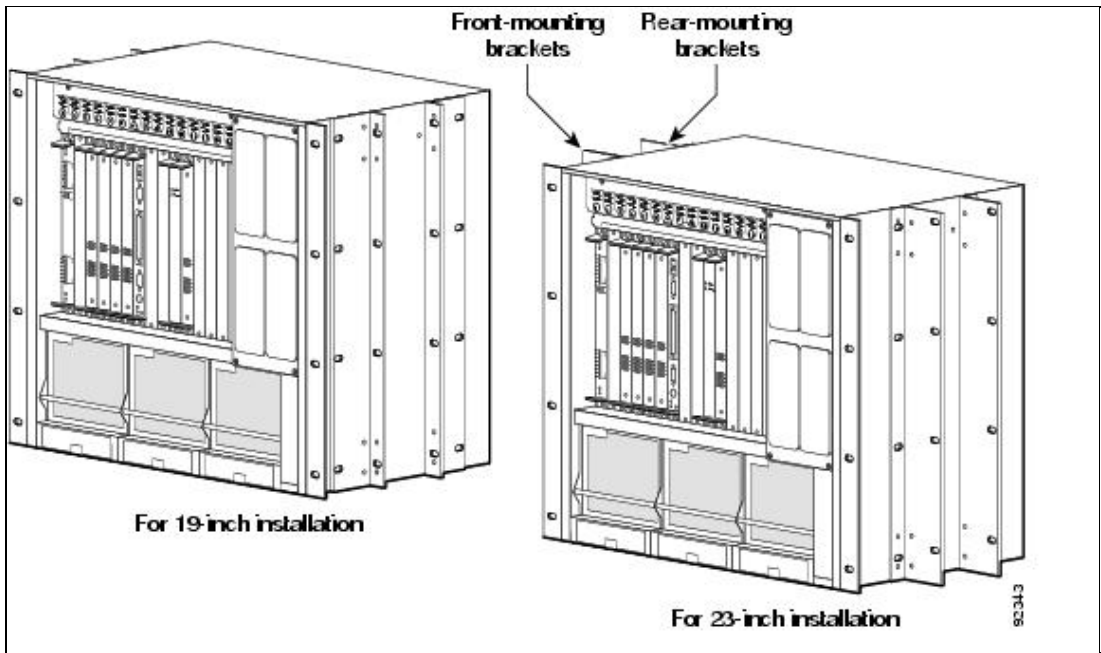
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## Mounting the Cisco Unified MeetingPlace 8112 in a 19- or 23-Inch Frame-Relay Rack

### To Mount the Cisco Unified MeetingPlace 8112 in a 19- or 23-Inch Frame-Relay Rack

1. Attach two mounting brackets to the **front** mounting holes of the Cisco Unified MeetingPlace 8112. See [Figure: Mounting the Cisco Unified MeetingPlace 8112 in a Frame-Relay Rack](#) below.
  - ◆ For 19-inch racks, fasten the long side of the bracket to the Cisco Unified MeetingPlace 8112.
  - ◆ For 23-inch racks, fasten the short side of the bracket to the Cisco Unified MeetingPlace 8112.
2. Slide the Cisco Unified MeetingPlace 8112 into the front of the rack.
3. Attach the Cisco Unified MeetingPlace 8112 to the rack and secure it by using the eight Phillips-head screws that shipped with the Cisco Unified MeetingPlace 8112.
4. Attach two mounting brackets to the rear mounting holes of the Cisco Unified MeetingPlace 8112. See [Figure: Mounting the Cisco Unified MeetingPlace 8112 in a Frame-Relay Rack](#) below.
  - ◆ For 19-inch racks, fasten the long side of the bracket to the Cisco Unified MeetingPlace 8112.
  - ◆ For 23-inch racks, fasten the short side of the bracket to the Cisco Unified MeetingPlace 8112.
5. Secure the rear mounting bracket to the rack with the eight Phillips-head screws that shipped with the Cisco Unified MeetingPlace 8112.

**Figure: Mounting the Cisco Unified MeetingPlace 8112 in a Frame-Relay Rack**



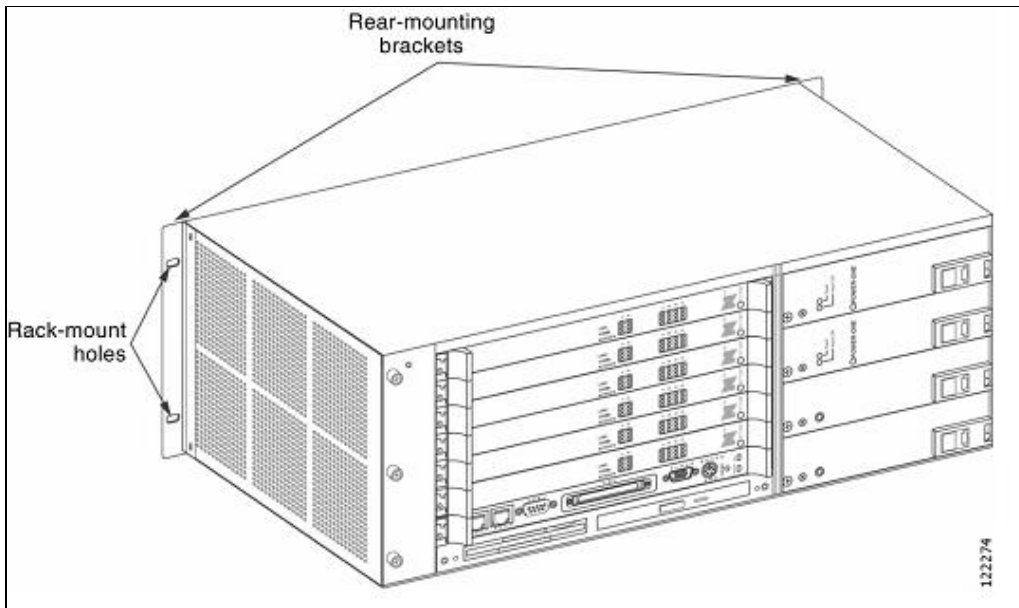
## Mounting the Cisco Unified MeetingPlace 8106 in a 19-Inch EIA Equipment Rack

In a 19-inch EIA equipment rack, you mount the Cisco Unified MeetingPlace 8106 on the back rails. The Cisco Unified MeetingPlace 8106 ships with two mounting brackets already attached to the **front** (see [Figure: Mounting the Cisco Unified MeetingPlace 8106 in an EIA Equipment Rack](#)).

### To Mount the Cisco Unified MeetingPlace 8106 in a 19-Inch EIA Equipment Rack

1. To remove the mounting brackets from the front of the Cisco Unified MeetingPlace 8106 and attach them to the back, remove the two screws on each side of the back of the Cisco Unified MeetingPlace 8106 (four total) and put them aside.
2. Remove the screws that secure the mounting brackets to the front of the Cisco Unified MeetingPlace 8106 (two on each side).
3. Attach the brackets to the back of the Cisco Unified MeetingPlace 8106 by using the screws that were originally used to attach the brackets to the front (two on each side).
4. Reattach the screws removed from the back of the Cisco Unified MeetingPlace 8106 to the holes in the front (where the brackets were originally attached to the front). The brackets are now rear-mounted.
5. Slide the Cisco Unified MeetingPlace 8106 into the rack.
6. Attach the Cisco Unified MeetingPlace 8106 mounting brackets to the rack.

**Figure: Mounting the Cisco Unified MeetingPlace 8106 in an EIA Equipment Rack**



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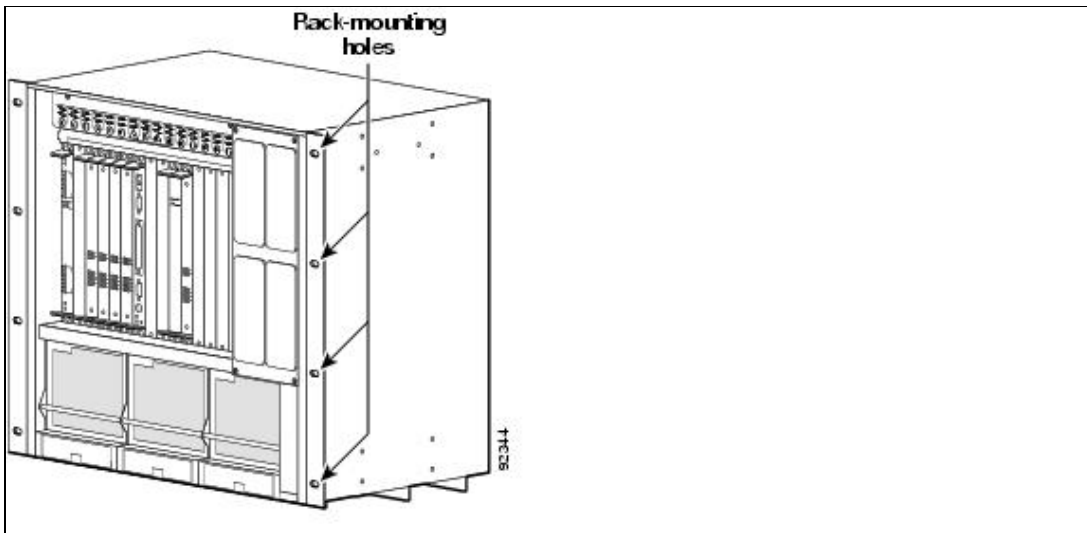
## Mounting the Cisco Unified MeetingPlace 8112 into a 19- or 23-Inch EIA Equipment Rack

In a 19- or 23-inch EIA equipment rack, you mount the Cisco Unified MeetingPlace 8112 on the front rails.

### To Mount the Cisco Unified MeetingPlace 8112 into a 19- or 23-Inch EIA Equipment Rack

1. If you are installing the Cisco Unified MeetingPlace 8112 in a 19-inch rack, you do not need any additional mounting equipment. Skip to [Step 2](#).  
If you are installing the Cisco Unified MeetingPlace 8112 in a 23-inch rack, you must obtain extension brackets from the rack manufacturer. Install the optional extender brackets as described by the rack manufacturer.
2. Slide the Cisco Unified MeetingPlace 8112 into the front of the rack.
3. Attach the Cisco Unified MeetingPlace 8112 to the rack with the eight Phillips-head screws that shipped with the Cisco Unified MeetingPlace 8112. See [Figure: Mounting the Cisco Unified MeetingPlace 8112 into an EIA Equipment Rack](#).

**Figure: Mounting the Cisco Unified MeetingPlace 8112 into an EIA Equipment Rack**



## Mounting the Breakout Box for T1 PRI and E1 Cisco Unified MeetingPlace Systems

**Note:** If the Cisco Unified MeetingPlace system does not require a breakout box (T1 PRI or E1 configuration), skip to the [Connecting the Power Cable to the Cisco Unified MeetingPlace 8100 Series](#).

The breakout box provides a standard RJ-45 telephony interface. The breakout box interfaces to a maximum of 16 cables with an MP-MA-16-PRI and a maximum of 4 cables with each MP-MA-4-PRI. Cisco Systems ships the necessary number of RJ-48c cables to connect each breakout box to your PBX or Telco NIU with each Multi Access Blade.

**Note:** In some cases, the RJ-48c cables provided by Cisco Systems may not be appropriate for your PBX or NIU side connections. If this is the case, create your own custom cables, which require an RJ-48c connector on the breakout box side. (For custom-cable requirements, see the [E1 Digital Trunk Requirements](#).)

Cisco Systems also ships the necessary number of 50-pin Amphenol cables with the breakout box: two 50-pin Amphenol cables to connect each MP-MA-16-PRI to the breakout box and one 50-pin Amphenol cable to connect each MP-MA-4-PRI to the breakout box. If the Cisco Unified MeetingPlace system requires two MP-MA-16-PRIs, you need two breakout boxes. (A fully loaded 960-port E1 Cisco Unified MeetingPlace system and a fully loaded 736-port T1 PRI Cisco Unified MeetingPlace system have two MP-MA-16-PRIs.)

**Note:** Only the Cisco Unified MeetingPlace 8112 can have two breakout boxes.

### To Mount the Breakout Box for a T1 PRI or E1 Cisco Unified MeetingPlace System

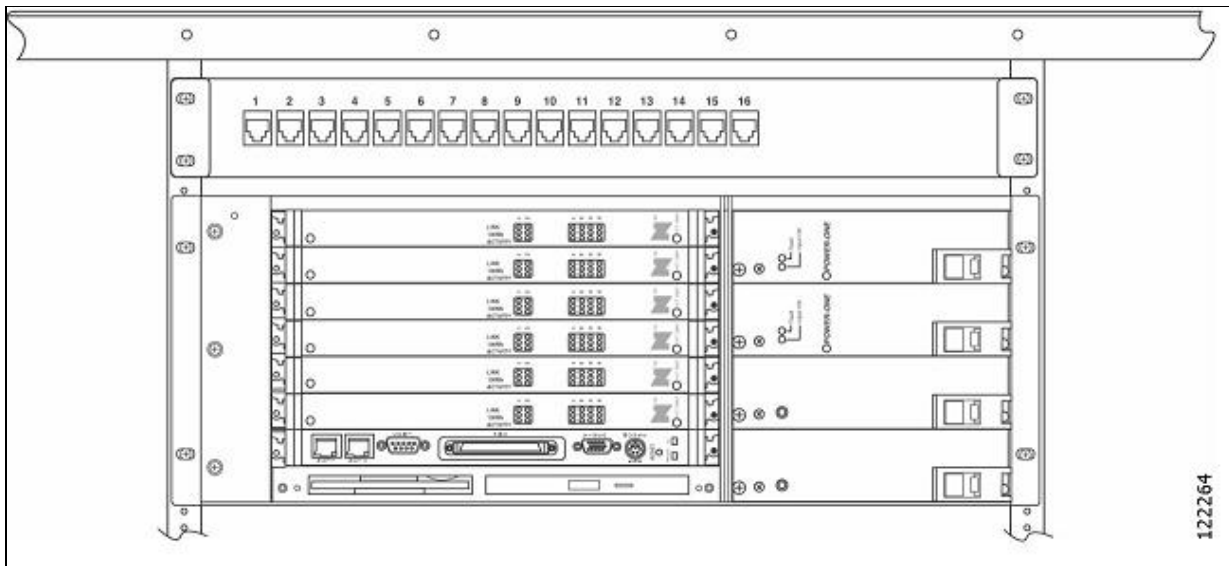
1. Locate the breakout box that shipped with the Cisco Unified MeetingPlace Audio Server.
2. Locate the screws for mounting the breakout box that came with the Cisco Unified MeetingPlace Audio Server.

3. Use a screwdriver to mount the breakout box in the position directly above the Cisco Unified MeetingPlace Audio Server in the rack, as shown in the applicable figure:

<b>Cisco Unified MeetingPlace 8106</b>	See <a href="#">Figure: Mounting the Breakout Box for a Cisco Unified MeetingPlace 8106</a> .
<b>Cisco Unified MeetingPlace 8112</b>	See <a href="#">Figure: Mounting the Breakout Box for a Cisco Unified MeetingPlace 8112</a> .

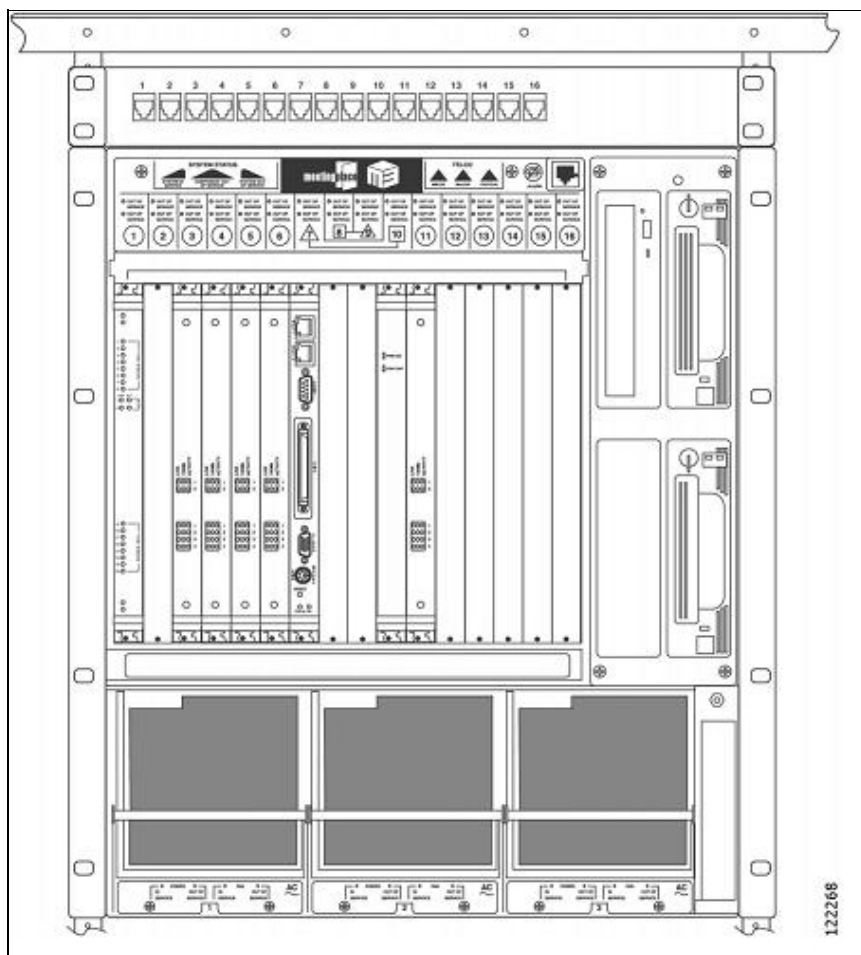
4. If applicable, mount the second breakout box by repeating [Step 2](#) and [Step 3](#). Place the second breakout box directly above the first breakout box. See [Figure: Mounting Two Breakout Boxes for a Cisco Unified MeetingPlace 8112](#).

**Figure: Mounting the Breakout Box for a Cisco Unified MeetingPlace 8106**



[View larger image](#)

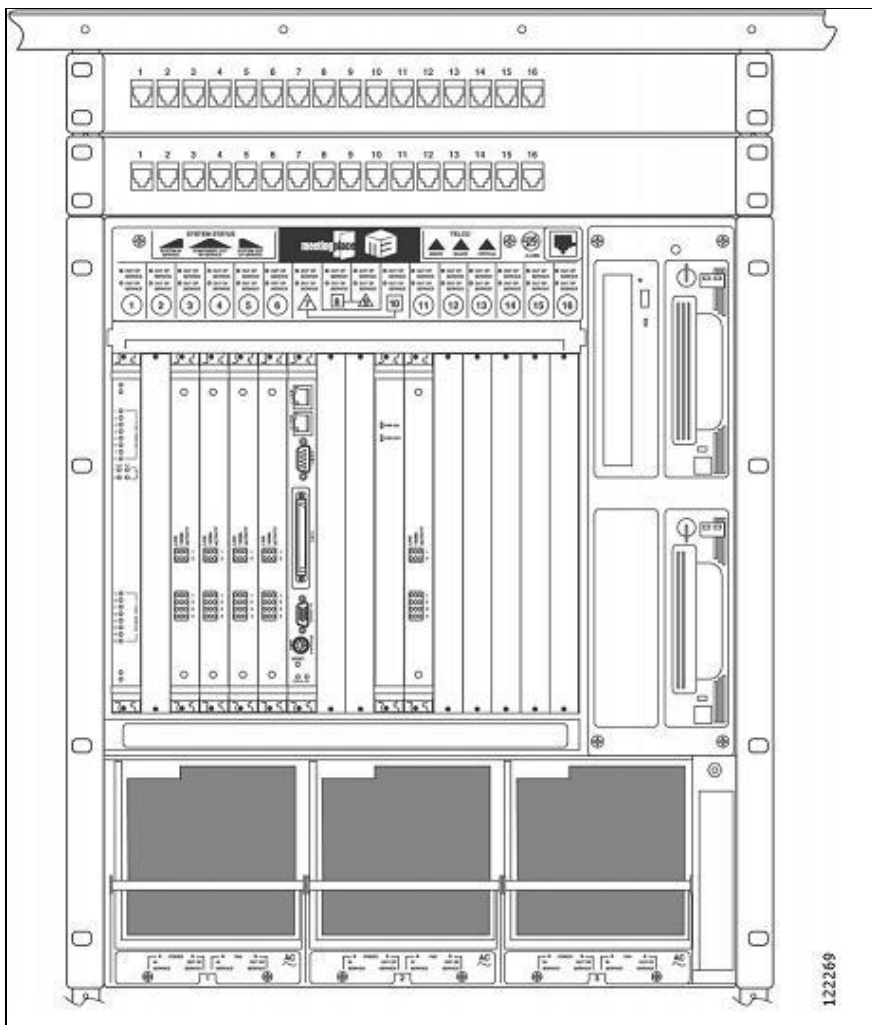
**Figure: Mounting the Breakout Box for a Cisco Unified MeetingPlace 8112**



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**Figure: Mounting Two Breakout Boxes for a Cisco Unified MeetingPlace 8112**





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Figure: Mounting Two Breakout Boxes for a Cisco Unified MeetingPlace 8112