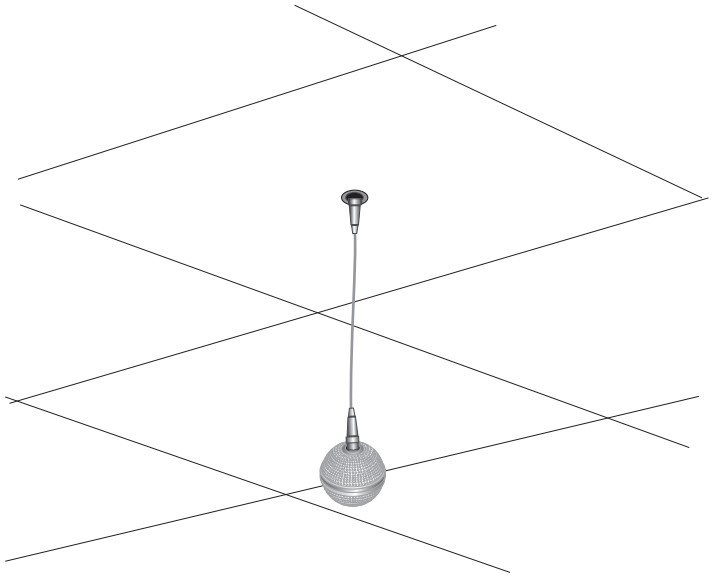
SETUP SHEET

Polycom® Ceiling Microphone Array

- If you are setting up a Polycom Ceiling Microphone Array, begin on page 2.
- If you are setting up a Polycom Ceiling Microphone Array Extension Kit, begin on page 8.
- If you are setting up a Polycom telepresence system, refer to the Installation Guide for your ITP product.

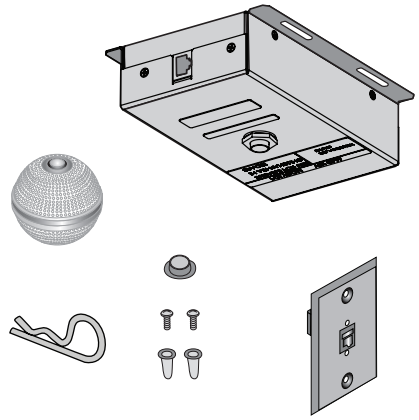


Before you begin, make sure that your ceiling can support up to .9 kg (2 lbs). Also, verify that the installation parameters described in this document comply with the code requirements in your local jurisdiction.

August 2018

1725-27017-007E

Polycom Ceiling Microphone Array



.6 m (2 ft) 2457-26759-024	
.5 m (18 in.) RJ-45 to Walta connector adapter 2457-25646-001	
3.1 m (10 ft) non-plenum straight-through (Use between wall plate and codec only. Do not use for any other application.) 2457-24011-001	
15.2 m (50 ft) shielded plenum crossover, RJ-45 (Use between electronics enclosure and codec, between electronics enclosure and wall plate, or between two electronics enclosures.) 2457-24008-001	

If your ceiling is 3.05 m (10 ft) or higher, you should order an optional 1.82 m (6 ft) drop cable (2457-26764-072 for black or 2457-26765-072 for white) for each Ceiling Microphone Array.

If you are creating your own cables, refer to the *Integrator Reference Guide* for your product for cable pin-outs at http://support.polycom.com. Ensure that the cables meet all local building code regulations.

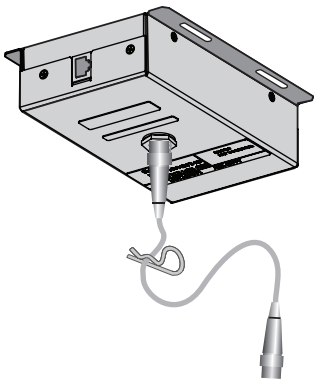
1

⚠	Verify that the number of pins on the cable connector matches the number of pins on the connector on the electronics enclosure.

If you do not have a suspended ceiling in your room continue with Step 12 on page 5.

For suspended ceilings

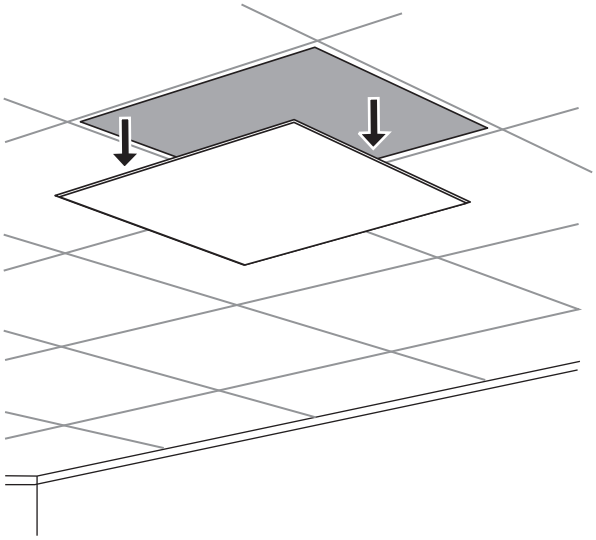
2



If height adjustments are required for the microphone ball, clip the cable clip onto the cable. When you later place the electronics enclosure on the ceiling tile, you can rest the clip above the hole in the ceiling tile and adjust the length of the cable as needed.

For suspended ceilings (continued)

3



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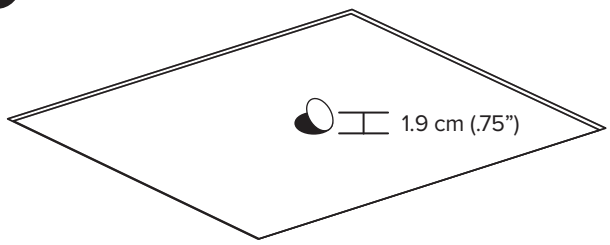

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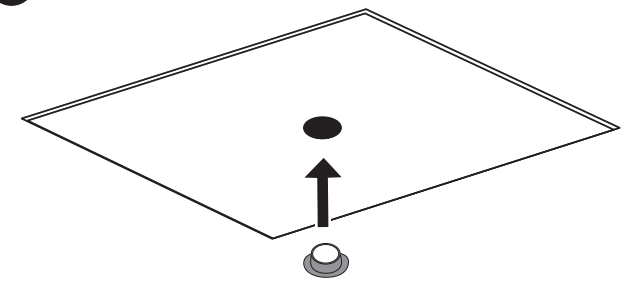

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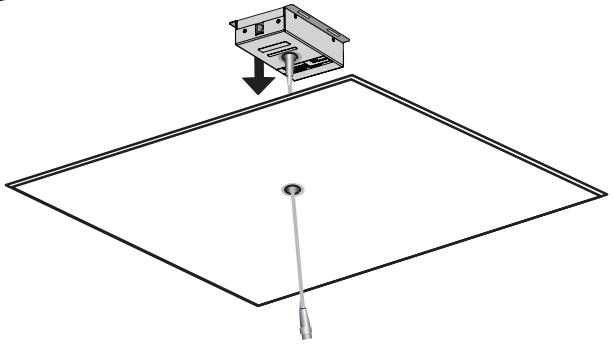

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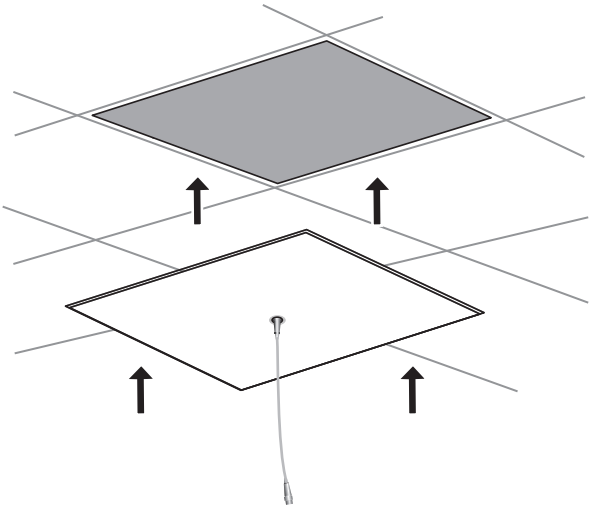
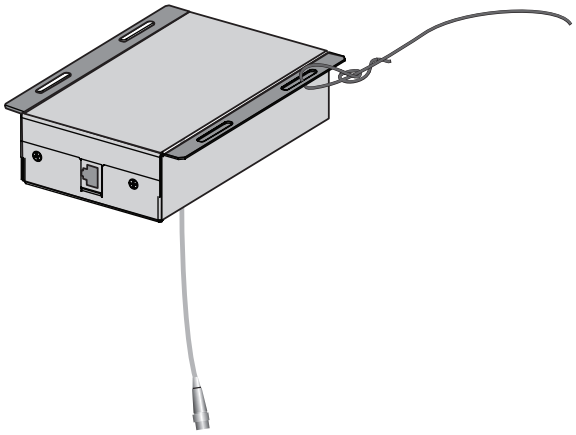


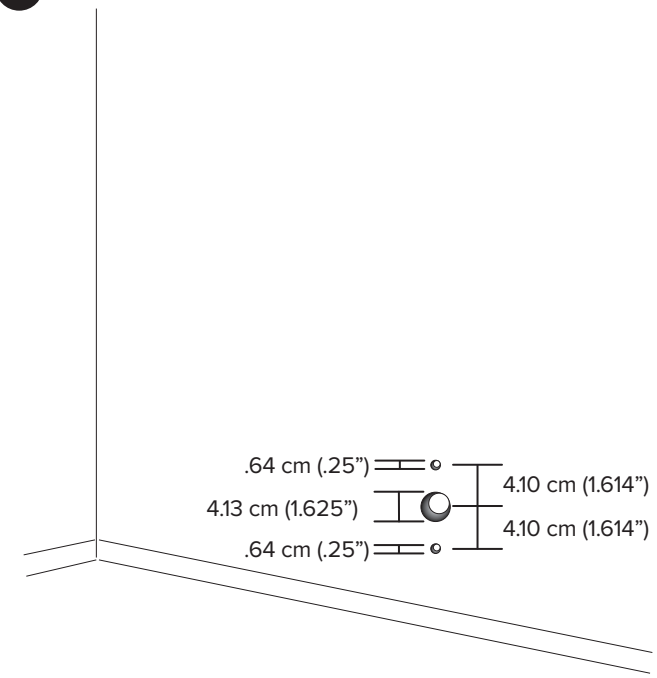
8 Optional



For added safety when removing the ceiling tile at a later time, securely attach the electronics enclosure to the ceiling supports using suitable wire or other hardware appropriate for your ceiling type and in accordance with local regulations. Be sure that the length of wire you use to secure the electronics enclosure is short enough to prevent the enclosure from striking the person removing the ceiling tile.

For suspended ceilings (continued)

9



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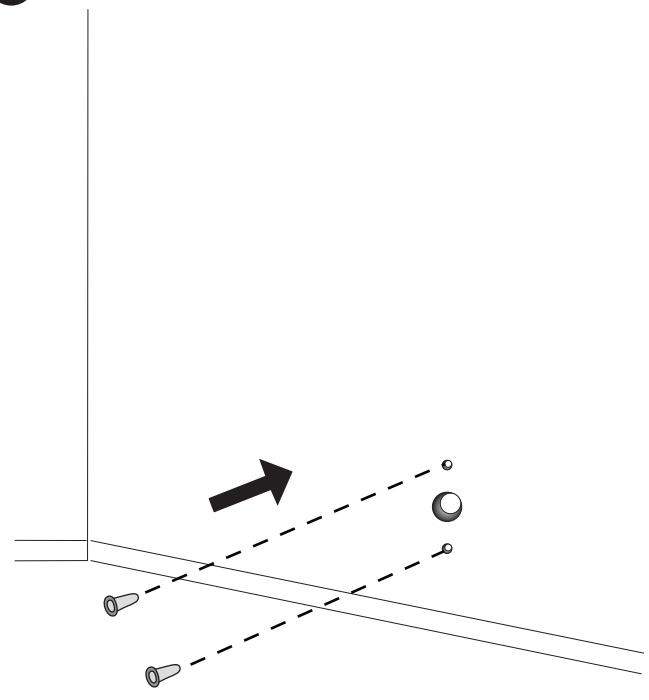

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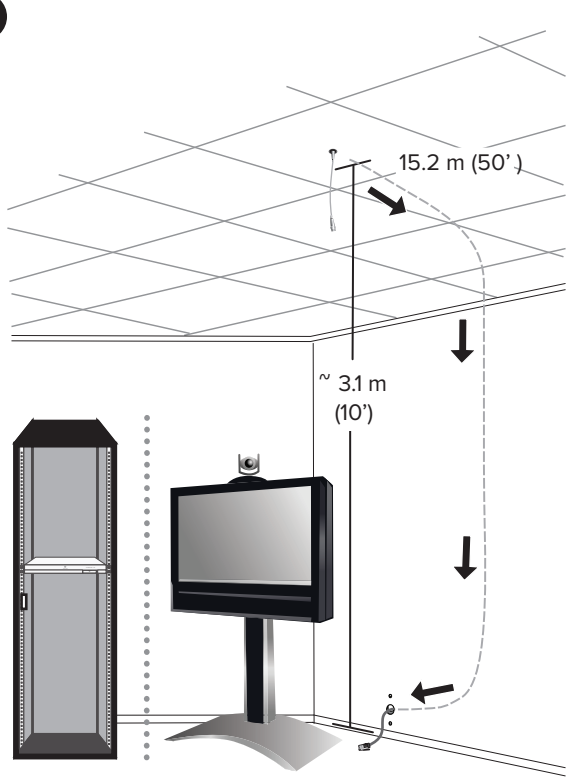

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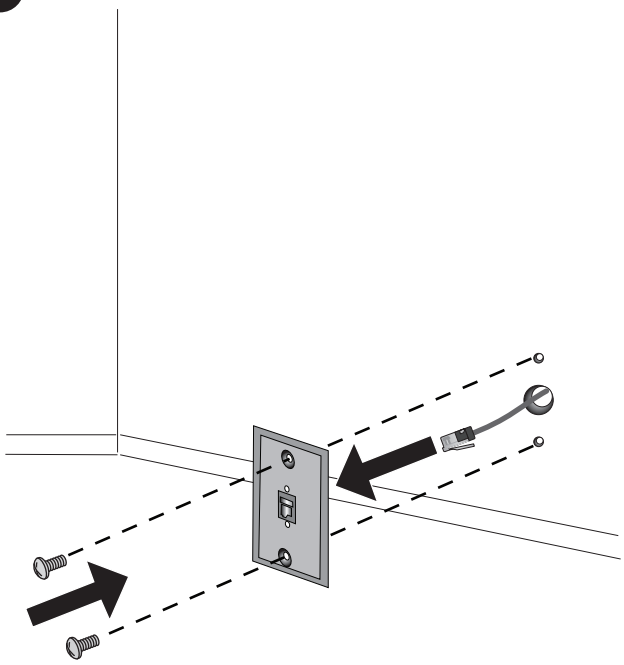
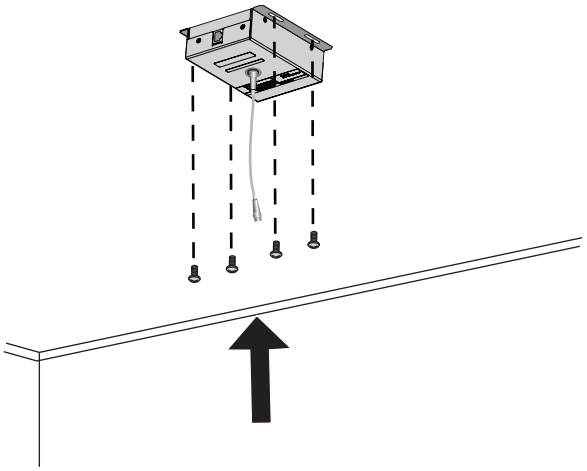


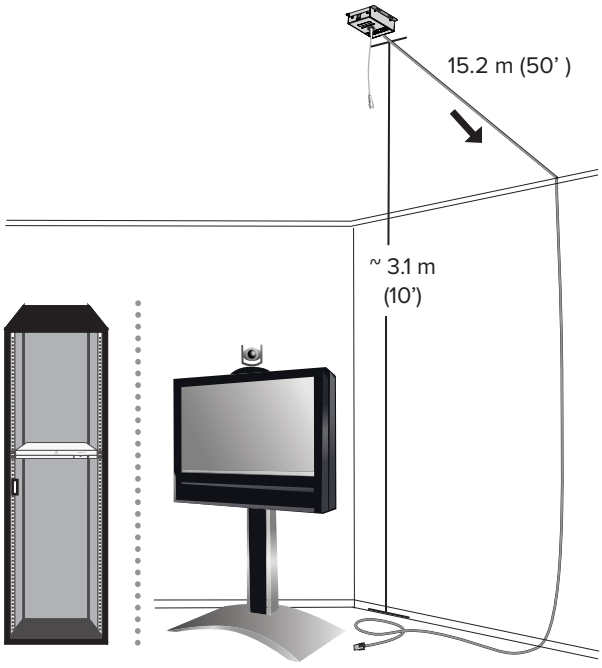
For ceilings that are not suspended

13



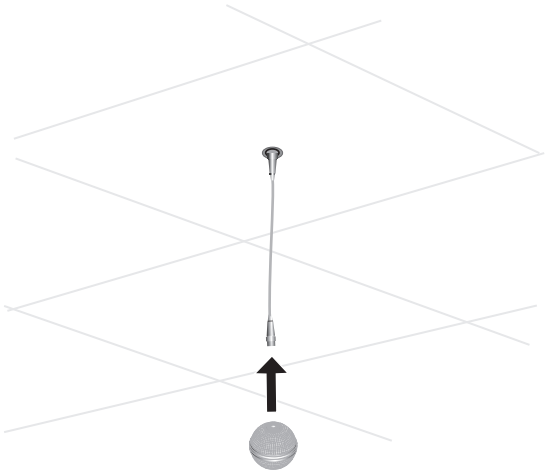
To attach the electronics enclosure, use suitable hardware for your ceiling type. Align the enclosure so that, when the Microphone Array is attached, the dot on the Microphone Array points toward the main display, as shown in Step 16.

14

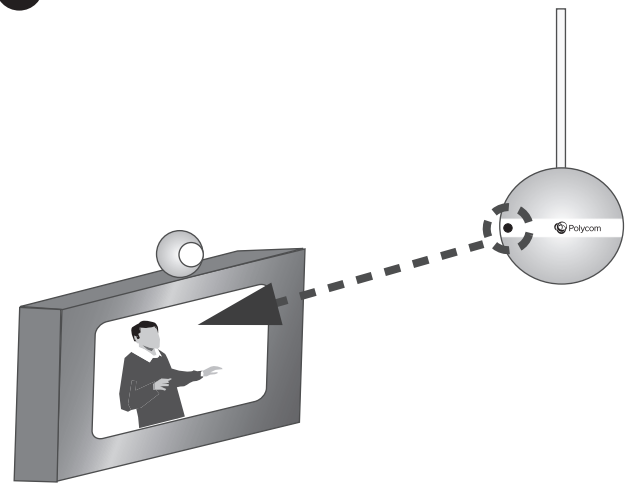


For all ceilings

15



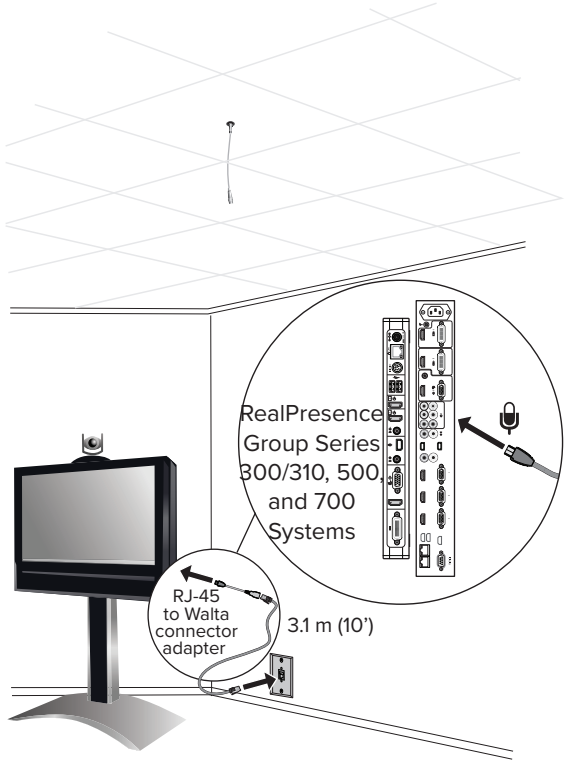
16



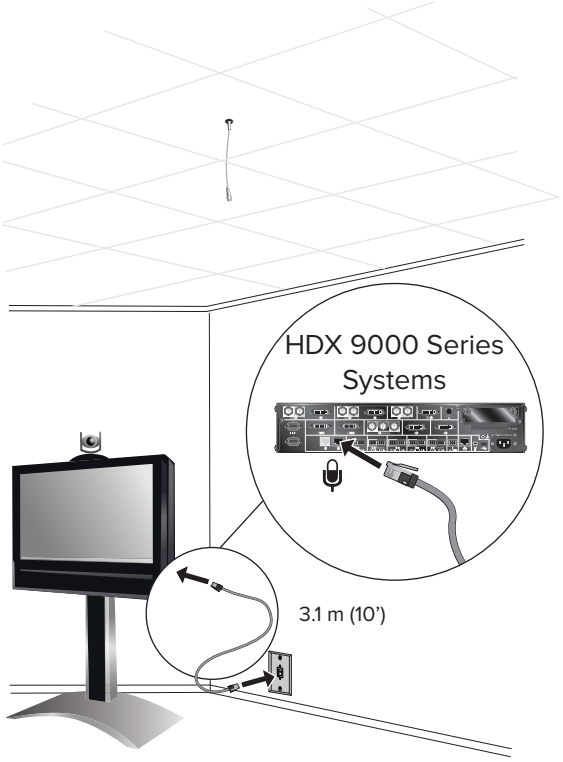
Point the dot (located on the band around the middle of the microphone ball) toward the main display.

For all ceilings (continued)

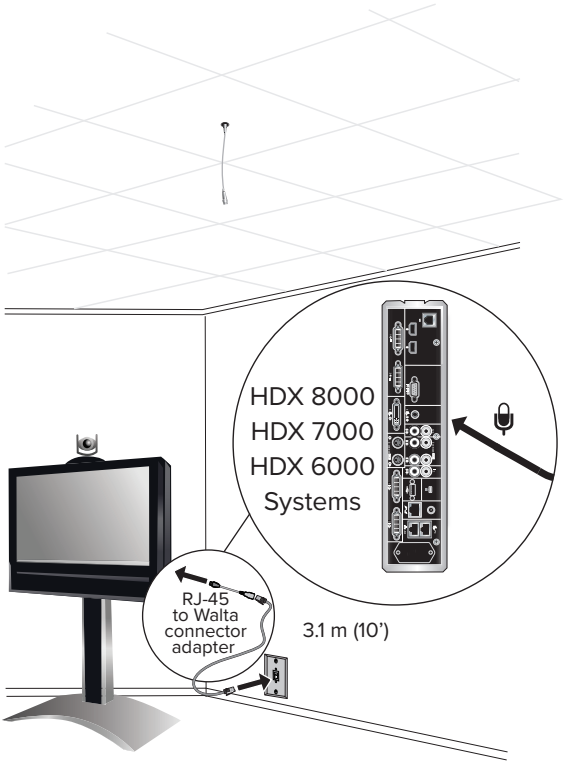
17 Polycom RealPresence Group Series 300/310, 500, and 700



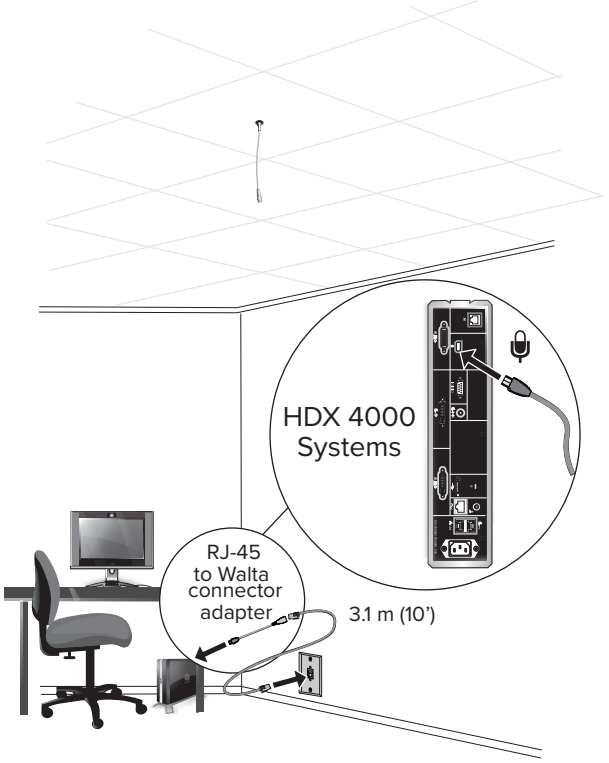
17 Polycom HDX 9000 Series



17 Polycom HDX 8000, Polycom HDX 7000, and Polycom HDX 6000

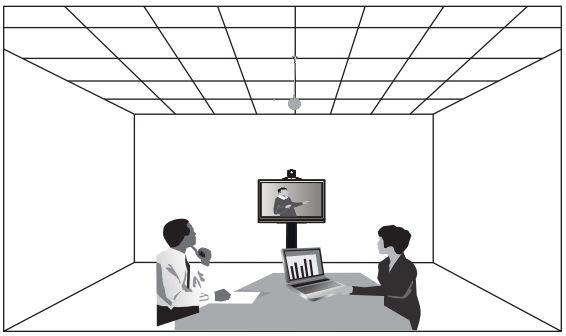


17 Polycom HDX 4000 Series



For all ceilings (continued)

18 Polycom RealPresence Group Series Systems and HDX Systems

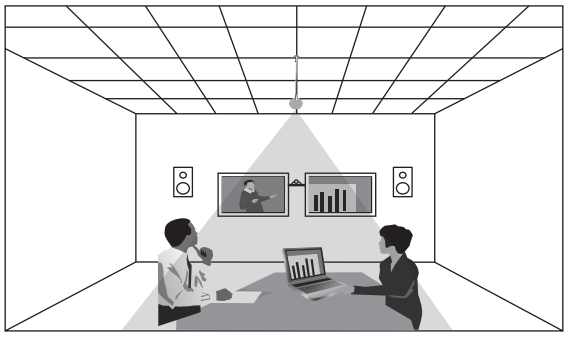


System	Maximum Number of Digital Microphone Arrays
Polycom RealPresence Group Series 300/310	2
Polycom RealPresence Group Series 500	4
Polycom RealPresence Group Series 700	4
Polycom HDX 9000 Series	4
Polycom HDX 8000 Series	3
Polycom HDX 7000 Series	2
Polycom HDX 6000	1
Polycom HDX 4000 Series	3

If you plan to install another Ceiling Microphone Array in the same room, refer to Polycom Ceiling Microphone Array Extension Kit Setup Sheet on page 8.

For information about optimally placing the microphones to send stereo audio for Polycom RealPresence Group Series Systems or Polycom HDX Systems, refer to the Administrator Guide for your product, available at http://support.polycom.com.

18 Polycom SoundStructure C-Series Systems

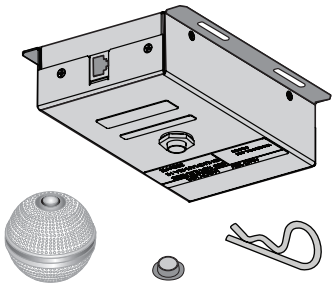


System	Maximum Number of Fully Configured Ceiling Microphone Arrays
Polycom SoundStructure C12 and C16	4
Polycom SoundStructure C8	2

If you plan to install another Ceiling Microphone Array in the same room, refer to Polycom Ceiling Microphone Array Extension Kit Setup Sheet on Page 8.

For information about optimally placing the microphones to send stereo audio for Polycom SoundStructure Systems, refer to the *SoundStructure Design Guide*, available at http://support.polycom.com.

Polycom Ceiling Microphone Array Extension Kit



.6 m (2 ft) 2457-26759-024	
7.5 m (25 ft) plenum crossover (Use between two electronics enclosures.) 2457-24009-001	
Second 7.5 m (25 ft) plenum crossover (Use between second and third electronics enclosures for TPX HD 306M, Version 2.0 and later only.) 2457-24009-001	

If your ceiling is 3.05 m (10 ft) or higher, you should order an optional 1.82 m (6 ft) drop cable (2457-26764-072 for black or 2457-26765-072 for white) for each Ceiling Microphone Array.

If you are creating your own cables, refer to the *Integrator Reference Guide* for your product for cable pin-outs at http://support.polycom.com. Ensure that the cables meet all local building code regulations.

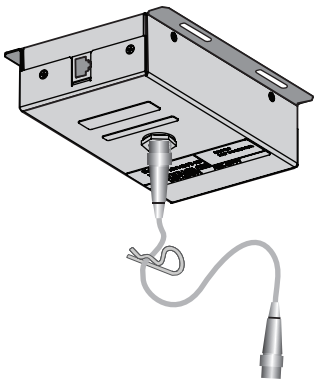
1

⚠	Verify that the number of pins on the cable connector matches the number of pins on the connector on the electronics enclosure.

If you do not have a suspended ceiling in your room, continue with Step 10 on page 10.

For suspended ceilings

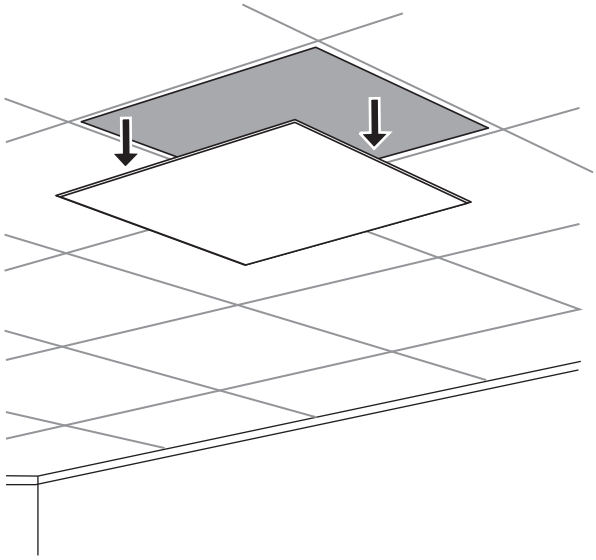
2



If height adjustments are required for the microphone ball, clip the cable clip onto the cable. When you later place the electronics enclosure on the ceiling tile, you can rest the clip above the hole in the ceiling tile and adjust the length of the cable as needed.

For suspended ceilings (continued)

3



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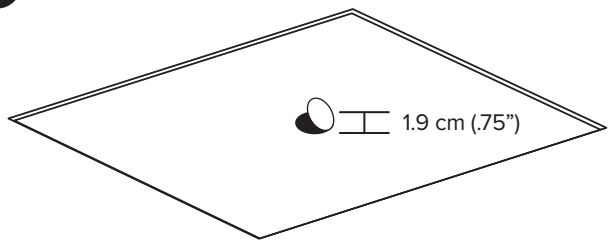

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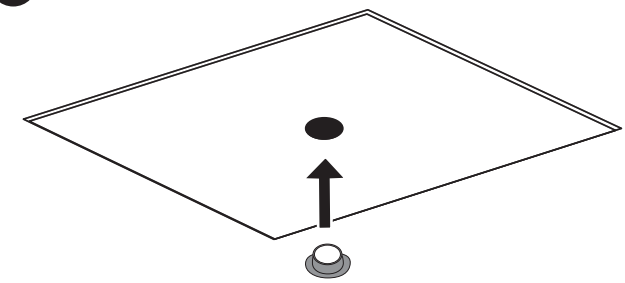

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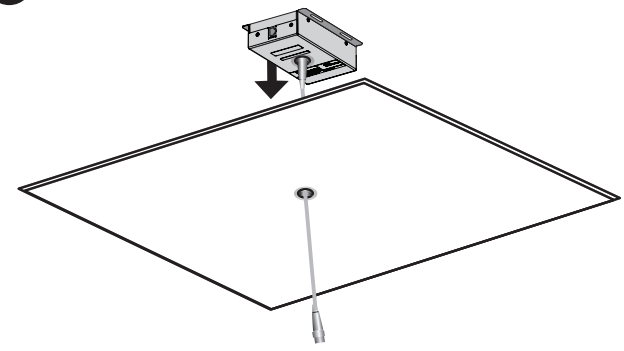
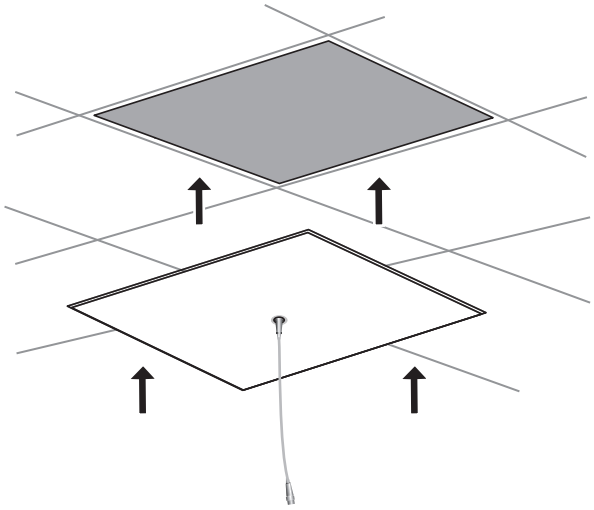
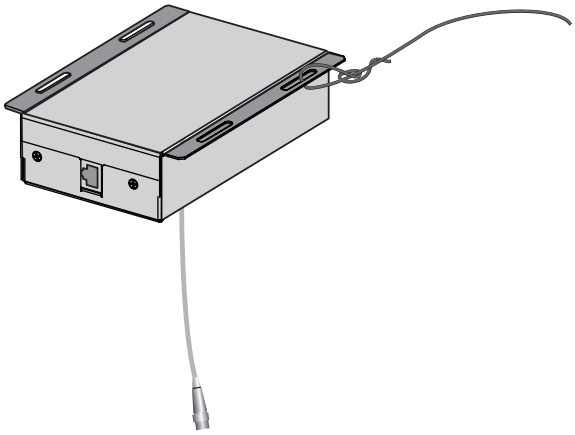


7



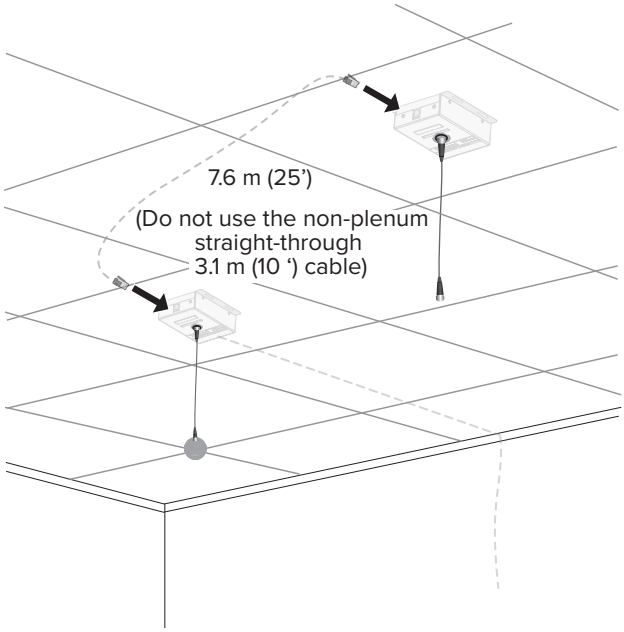
8 Optional



For added safety when removing the ceiling tile at a later time, securely attach the electronics enclosure to the ceiling supports using suitable wire or other hardware appropriate for your ceiling type and in accordance with local regulations. Be sure that the length of wire you use to secure the electronics enclosure is short enough to prevent the enclosure from striking the person removing the ceiling tile.

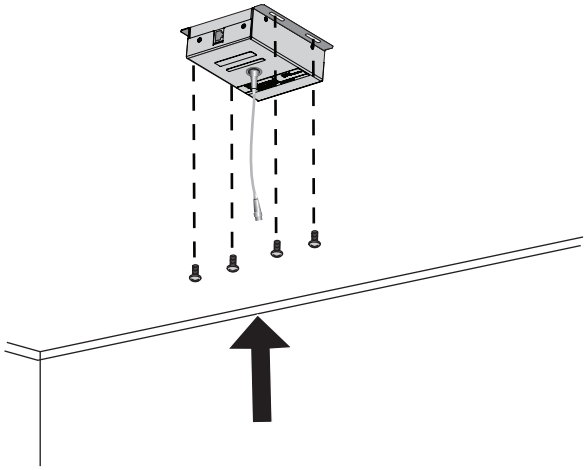
For suspended ceilings (continued)

9 Note that the ceiling microphone array boxes and cables are above the suspended ceiling.



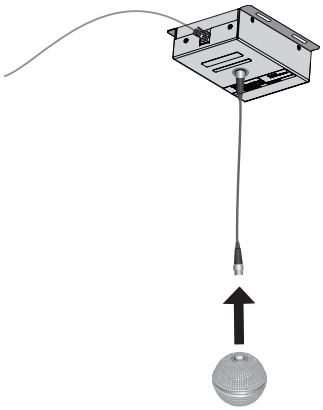
For ceilings that are not suspended

10

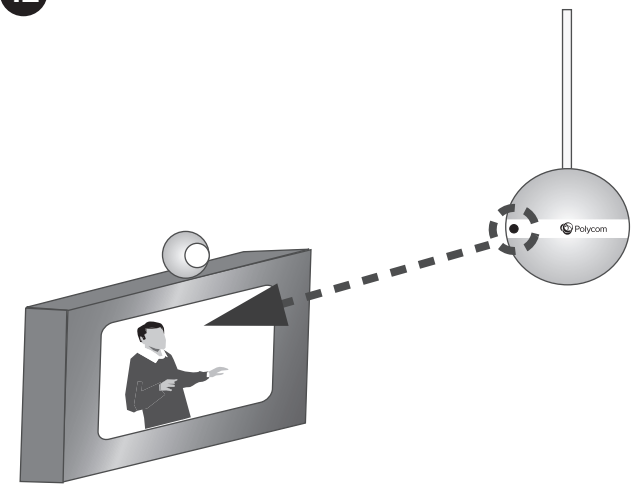


To attach the electronics enclosure, use suitable hardware for your ceiling type. Align the enclosure so that, when the Microphone Array is attached, the dot on the Microphone Array points toward the main display, as shown in Step 12 on this page.

11



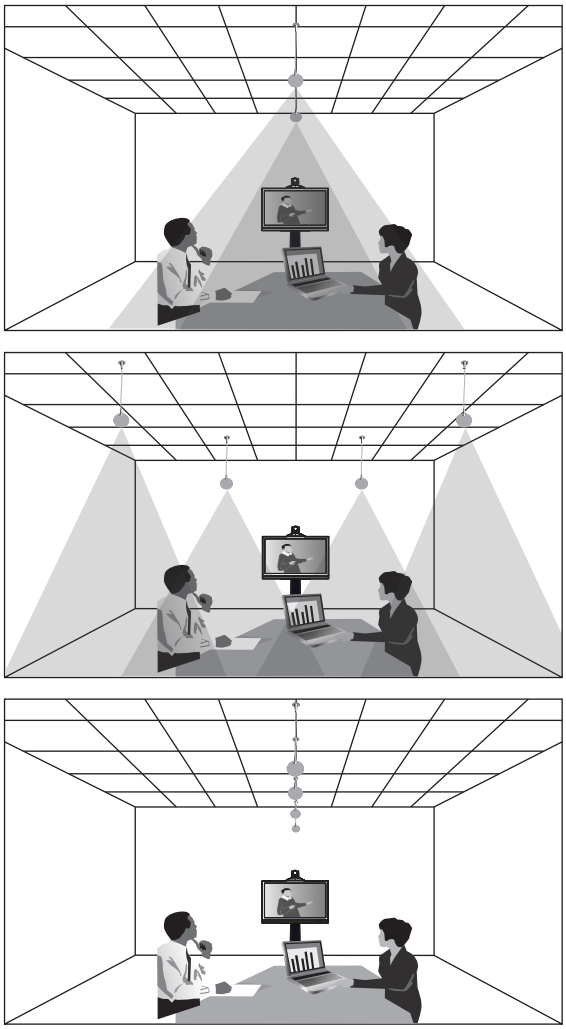
12



Point the dot (located on the band around the middle of the microphone ball) toward the main display.

For all ceilings (continued)

13 Polycom RealPresence Group Series Systems and HDX Systems



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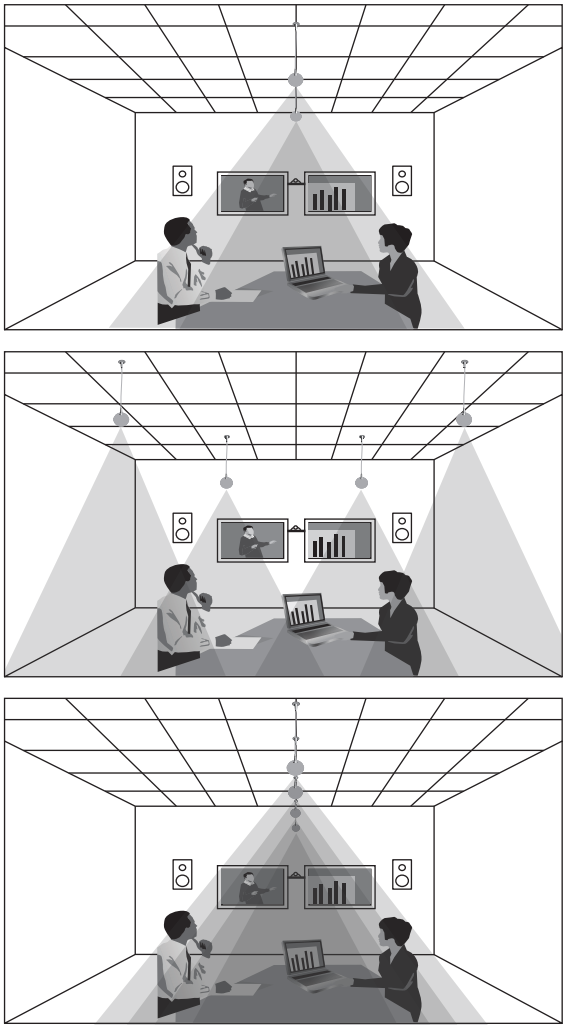
13 Polycom SoundStructure C-Series Systems



For information about optimally placing the microphones to send stereo audio for Polycom SoundStructure Systems, refer to the *SoundStructure Design Guide*, available at http://support.polycom.com.