

# Polycom<sup>®</sup> RealPresence<sup>™</sup> Experience High Definition (RPX HD 200 & 400 Series) Technical Specifications

## Video and Audio Technology

### Technology Components

- Polycom HDX 9004 video codecs supporting 720p at 30 fps
- Polycom SoundStation VTX 1000 Conference Phone
- Polycom Digital Ceiling Microphone Arrays
- Polycom StereoSurround Speaker Kit
- High Definition Rear Screen Projectors
- 3-CCD High Definition Video Cameras
- Room control system with 10 inch color touch panel
- Multiple 15 inch High Resolution Desktop Personal Content Displays
- Professional Grade VGA Switch/Splitter

### Video Displays

- Seamless 48 inch x 42 inch video display screens
  - Polycom RPX HD 200 Series Suites Support 96 inch x 42 inch high definition video in a 24:9 aspect ratio at 1920 x 720p resolution
  - Polycom RPX HD 400 Series Suites Support 192 inch x 42 inch high definition video in a 48:9 aspect ratio at 3840 x 720p resolution

### Video Standards

- H.261
- H.263++
- H.264
- H.239 People+Content
- H.263 & H.264 Video Error Concealment
- AES Media Encryption for secure video/audio and content.

### Audio Standards

- 22kHz bandwidth with StereoSurround Siren 22
- 14kHz bandwidth with Polycom Siren 14 , G.722.1 Annex C
- 7 kHz bandwidth with G.722, G.722.1

## Connectivity

### Network and Analog Line Requirements

- Video network requirements to support 720p high definition (including dedicated video bandwidth and overhead):
  - Bandwidth per Polycom RPX HD 200 Series Suite: 10 Mbps
  - Bandwidth per Polycom RPX HD 400 Series Suite: 20 Mbps
- In-room network connectivity for laptops
- (2) Analog phone lines: (1) for SoundStation VTX 1000, (1) for integrated Audio Add-On

Updated 02.07.07



## Room Environment

### Seating Capacity and Room Size

| Polycom RPX HD Model | # Video Displays | Seats Facing Forward/+ Seats | # Personal Content Displays | Room Size (ceiling/width/depth) Metric/English |
|----------------------|------------------|------------------------------|-----------------------------|--|
| RPX HD 204           | 2                | 4/0                          | 2                           | 2.6m x 4.9m x 5.8m/<br>8'6" x 16' x 19'        |
| RPX HD 210M          | 2                | 10/4                         | 7                           | 2.7m x 5.8m x 6.4m/<br>9' x 19' x 21'          |
| RPX HD 210M+         | 2                | 18/4                         | 7                           | 2.7m x 6.7m x 7.3m/<br>9' x 22' x 24'          |
| RPX HD 218M          | 2                | 18/4                         | 11                          | 3.0m x 7.0m x 7.9m/<br>10' x 23' x 26'         |
| RPX HD 408M          | 4                | 8/8                          | 8                           | 2.6m x 5.5m x 8.2m/<br>8'6" x 18' x 27'        |
| RPX HD 428M          | 4                | 28/8                         | 20                          | 3.0m x 8.8m x 8.5m/<br>10' x 29' x 28'         |

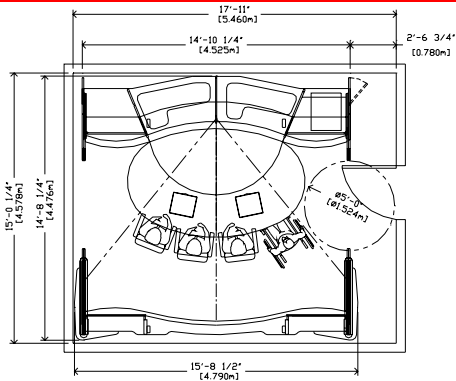
### Regulatory Compliance

- UL/CSA/IEC/EN/AS/NZS/60950
- CE marking
- ROHS
- WEEE
- FCC Part 15 Class A
- CISPR22/EN55022 Class A
- EN55024

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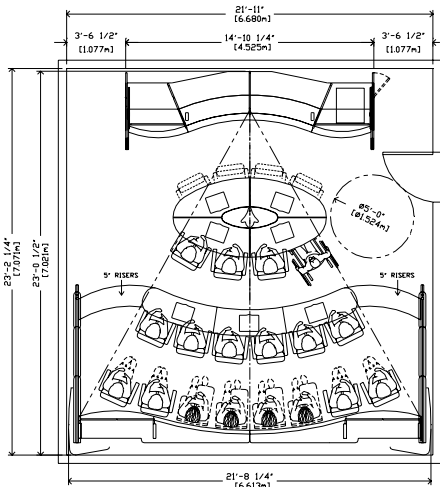


# Polycom RPX HD 200 & 400 Series – Technical Specifications (cont'd)



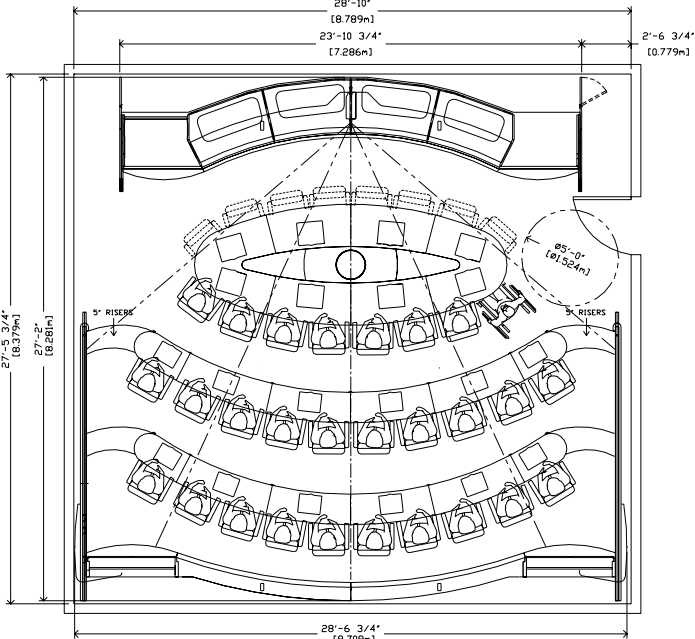
CEILING HEIGHT  
8'-6" [2.743 M]

**MODEL 204**



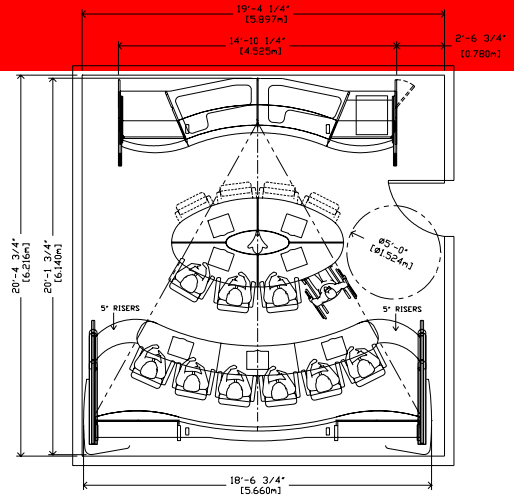
CEILING HEIGHT  
9'-0" [2.743 M]

**MODEL 210M Plus**



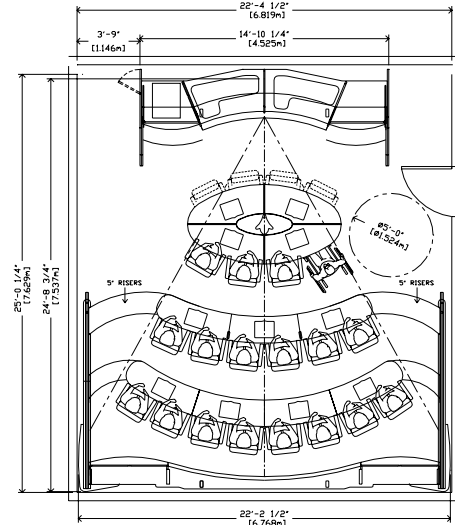
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**MODEL 428M**



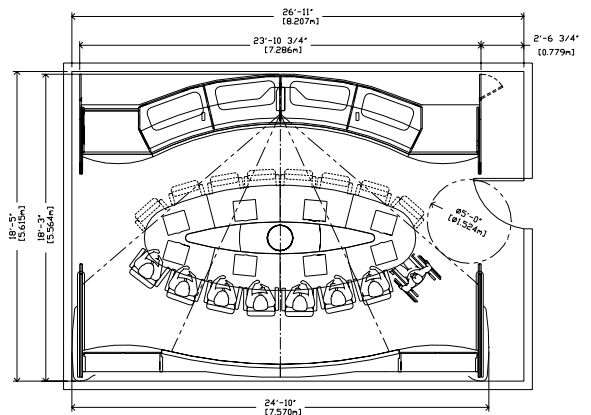
CEILING HEIGHT  
9'-0" [2.743 M]

**MODEL 210M**



CEILING HEIGHT  
10'-0" [3.048 M]

**MODEL 218M**



CEILING HEIGHT  
8'-6" [2.591 M]

**MODEL 408M**



**POLYCOM**

TOGETHER, GREAT THINGS HAPPEN.

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