POLYCOM
www.polycom.com
3726-09883-002
Rev. A - June-8-2011

Polycom Headquarters: 4750 Willow Road, Pleasanton, CA 94588. (T) 1-800-POLYCOM (765-9266)
© 2010 Polycom, Inc. All rights reserved. Polycom and the Polycom logo are registered trademarks.
OTX 100 NOTES:

1. Rear wall, chairs and lights ① shown on sheets 1 and 7 and 10 are all optional.

Option 1: With optional environment, includes Complete Experience Kit
Minimum dimensions will be 15'-8 3/4" [4.794m] x 15'-6" [4.724m] x 8'-0" [2.438m] ceiling. see sheet 1
Recommended room size is 17'-8 3/4" [5.407m] x 15'-6" [4.724m] x 8'-8" [2.642m] ceiling.

Option 2: Without optional environment
Minimum dimensions will be 14'-4 1/2" [4.382m] x 13'-9" [4.191m] x 8'-0" [2.438m] ceiling. see sheet 2
Recommended room size is 17'-8 3/4" [5.407m] x 15'-6" [4.724m] x 8'-8" [2.642m] ceiling

2. Content monitors in table ② shown on this sheet.

3. A. For additional room preparation information refer to "Preparing your room for the Polycom Open Telepresence Experience OTX 100 Installation" doc no. 3725-63545-001

B. For detailed Installation Guide for the OTX System refer to "Polycom Open Telepresence Experience OTX 100 Installation Guide" doc no. 3725-63546-001.

4. The center of OTX needs to be aligned with the existing ceiling grid and/or new grid for best lighting distribution. See sheet 7.
Polycom® OTX™ 100 HD Placement Plan
Shown Without Optional "Complete Experience Kit"

SMALLEST OPTIONAL ROOM SIZE
Polycom® OTX™ 100 HD Compact Placement Plan and Electrical Plan

BEHIND VIDEO WALL OTX 100
SUPPLIED AND INSTALLED BY CUSTOMER/CONTRACTOR
PRIOR TO SUITE INSTALLATION, SEE SHEET 5 AND 6.

A. (1) DIRECT IN DIAL ANALOG LINE SUPPLIED BY CUSTOMER TELCO (POTS)
B. (2) LAN PORTS
C. (1) 15 AMP, 120V QUAD AC (4) POWER OUTLETS FOR NALA
D. (1) 10 AMPS, 220V QUAD (4) OUTLETS FOR EMEA AND APAC
E. 2 MIC JACK WALL PLATE, IF CEILING MICROPHONE IS USED.

OTX 100 HD COMPACT ROOM SIZE:
Minimum room size
9'-0" [2.743m] x 9'-0" [2.743m] x 8'-0" [2.438m] ceiling.
Recommended room size
10'-0" [3.048m] x 13'-9" [4.191m] x 8'-0" [2.438m] ceiling.

SMALLEST ROOM SIZE

POLYCOM®
www.polycom.com
3726-09893-002
Rev. A - June-8-2011
Polycom Headquarters: 4750 Willow Road, Pleasanton, CA 94588. (T) 1-800-POLYCOM (765-9266)
© 2010 Polycom, Inc. All rights reserved. Polycom and the Polycom logo are registered trademarks.
OPTION 1: HOME RUN DEFAULT NETWORK SWITCH
WALL BEHIND OTX 100

SUPPLIED AND INSTALLED BY CUSTOMER / CONTRACTOR PRIOR TO SUITE INSTALLATION:

A. 1) DIRECT IN DUAL ANALOG LINE SUPPLIED BY CUSTOMER TELCO (POTS)
B. (10) ETHERNET CONNECTIONS, (3) FOR ACTIVE COMPONENTS AND (7) FOR TABLE
C. N/A (2) QUAD AC POWER (6) OUTLET ON (1) DEDICATED 15 AMP. CIRCUITS
D. N/A (2) QUAD AC POWER (6) OUTLET ON (1) DEDICATED 10 AMP. CIRCUITS

IF CEILING MICROPHONE IS USED:

TO PREPARE FOR THE INSTALLATION OF THE CEILING MICROPHONE, AN ELECTRICIAN MUST DO THE FOLLOWING;

- INSTALL A SINGLE GANG JUNCTION BOX IN THE FRONT WALL OF THE ROOM.
- INSTALL A CONDUIT IN THE FRONT WALL OF THE ROOM. THE CONDUIT SHOULD EXTEND IN A STRAIGHT RUN FROM THE JUNCTION BOX TO THE PLENUM SPACE IN THE CEILING. THE CONDUIT SHOULD BE AT LEAST 12 IN. (300MM) IN DIAMETER.
- STUB UP THE CONDUIT THAT IS BEND IF APPROPRIATELY (R) INTO THE PLENUM AREA.

WORK TO BE DONE BY CUSTOMER / CONTRACTOR PRIOR TO SUITE INSTALLATION

D. MIC JACK WALL PLATE AND CABLE SUPPLIED AND INSTALLED BY POLYCOM

OPTION 2: CUSTOMER INSTALLED NETWORK SWITCH
WALL BEHIND OTX 100

SUPPLIED AND INSTALLED BY CUSTOMER / CONTRACTOR PRIOR TO SUITE INSTALLATION:

A. (1) DIRECT IN DUAL ANALOG LINE SUPPLIED BY CUSTOMER TELCO (POTS)
B. (4) ETHERNET CONNECTIONS, (3) FOR ACTIVE COMPONENTS AND (1) FOR NETWORK SWITCH
C. N/A (2) QUAD AC POWER (6) OUTLET ON (1) DEDICATED 15 AMP. CIRCUITS
D. N/A (2) QUAD AC POWER (6) OUTLET ON (1) DEDICATED 10 AMP. CIRCUITS

IF CEILING MICROPHONE IS USED:

TO PREPARE FOR THE INSTALLATION OF THE CEILING MICROPHONE, AN ELECTRICIAN MUST DO THE FOLLOWING;

- INSTALL A SINGLE GANG JUNCTION BOX IN THE FRONT WALL OF THE ROOM.
- INSTALL A CONDUIT IN THE FRONT WALL OF THE ROOM. THE CONDUIT SHOULD EXTEND IN A STRAIGHT RUN FROM THE JUNCTION BOX TO THE PLENUM SPACE IN THE CEILING. THE CONDUIT SHOULD BE AT LEAST 12 IN. (300MM) IN DIAMETER.
- STUB UP THE CONDUIT THAT IS BEND IF APPROPRIATELY (R) INTO THE PLENUM AREA.

WORK TO BE DONE BY CUSTOMER / CONTRACTOR PRIOR TO SUITE INSTALLATION

D. MIC JACK WALL PLATE AND CABLE SUPPLIED AND INSTALLED BY POLYCOM
Polycom® OTX™ 100 HD - Elevation "A"

OPTIONAL EMEA AND APAC POWER CONFIGURATIONS
WALL BEHIND OTX 100 - SEE SHEET 5 FOR INFO.

FOR DATA OPTIONS
WALL BEHIND OTX 100 - SEE SHEET 5 FOR INFO.
NOTES

1. THE CUSTOMER / CONTRACTOR IS RESPONSIBLE FOR CEILING MICROPHONE.
   - CONDUIT AND WALL BOX SHOULD BE INSTALLED PRIOR TO THE OTX HD 100M SUITE
     BEING INSTALLED.
   - MICROPHONE WALL PLATE AND PLENUM RATED CABLE WILL BE SUPPLIED AND INSTALLED
     BY POLYCOM. REFER TO THE SETTING UP THE POLYCOM HDX CEILING MICROPHONE
     SEE THE OTX INSTALL GUIDE.

2. 8 FT 6 IN IS RECOMMENDED CEILING HEIGHT, 8 FT IS MIN., 14 FT IS MAX.

3. 14" CEILING WILL REQUIRE OPTIONAL MICROPHONE CABLE PART 2457-26765-072 FOR WHITE.

4. FOR OPTIONAL LIGHTING SEE SHEET 8 FOR MOUNTING LOCATION.

S - THIS IS THE OTHER END FOR LIGHT FIXTURE SUPPORT

B - OPTIONAL FIXTURES SHOWN: WEIGHT 10 LBS. [4.54KG]
   FLUORESCENT, LAMP 4100K

J - OUTLET BACK BOX FOR LIGHT FIXTURE

M - CEILING (3) MICROPHONES ARRAY LOCATE 7'-8" MAX.
   ABOVE FLOOR, CENTERED ON TABLE, ORIENT DOT ON MIC.
   TO FACE THE VIDEO WALL.

OUTLET BACK BOX FOR MIKE CABLE
NOTES
1. CUSTOMER / CONTRACTOR TO VERIFY CEILING GRID, HVAC SUPPLIES AND RETURNS, FIRE SPRINKLER HEADS LOCATIONS, ETC., TO ENSURE THERE ARE NO INTERFERENCES WITH THE OTX INSTALLATION. IF THERE IS, THEY WILL NEED TO RELOCATE THE GRID OR PURSLEY THE OTX SYSTEM.

2. LIGHT FIXTURE NEED TO BE KEPT ON CENTER LINE WITH EACH OTHER, THE TOLERANCE BETWEEN LIGHT FIXTURES CAN BE +/- 3" [76.2MM].

3. SS-SS AND JS-JS SUPPORT POINTS FOR LIGHT FIXTURES

4. EACH LIGHT FIXTURE HAS 2 POINTS FOR HANGING.

Polycom Headquarters: 4750 Willow Road, Pleasanton, CA 94588. (T) 1-800-POLYCOM (765-9266)
© 2010 Polycom, Inc. All rights reserved. Polycom and the Polycom logo are registered trademarks.
### Power and Cooling

<table>
<thead>
<tr>
<th></th>
<th>Total Power (Watts)</th>
<th>BTUs/Hour</th>
<th>Cooling in Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Standby</strong></td>
<td>150</td>
<td>512</td>
<td>0.04</td>
</tr>
<tr>
<td>(Components off except rack components and cameras)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>In Use</strong></td>
<td>650</td>
<td>2219</td>
<td>0.18</td>
</tr>
<tr>
<td>(Max call rate with Content and doc sharing)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Maximum</strong></td>
<td>900</td>
<td>3070</td>
<td>0.26</td>
</tr>
<tr>
<td>(system will not exceed)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Optional Lighting</strong></td>
<td>540</td>
<td>1843</td>
<td>0.15</td>
</tr>
<tr>
<td>(part of the Complete Experience Kit)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note that this table includes only the OTX components and not the participants, laptops, and lighting.*

### Total Installed Weight

<table>
<thead>
<tr>
<th></th>
<th>Units</th>
<th>Weight</th>
<th>Area</th>
<th>ft²/m²</th>
<th>Avg. Static Load lb/ft² - kg/m²</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OTX 100</strong></td>
<td>lbs</td>
<td>629</td>
<td>13.07</td>
<td>ft²</td>
<td>48 lb/ft²</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>285.87</td>
<td>1.21</td>
<td>m²</td>
<td>235 kg/m²</td>
</tr>
<tr>
<td><strong>Video Wall / Equip Rack</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>lbs</td>
<td>588</td>
<td>62</td>
<td>ft²</td>
<td>9.5 lb/ft²</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>267.3</td>
<td>5.76</td>
<td>m²</td>
<td>46 kg/m²</td>
</tr>
<tr>
<td><strong>Multipurpose Conference Table</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>lbs</td>
<td>621</td>
<td>10.87</td>
<td>ft²</td>
<td>57 lb/ft²</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>282.3</td>
<td>1.01</td>
<td>m²</td>
<td>279 kg/m²</td>
</tr>
<tr>
<td><strong>Rear Wall</strong></td>
<td>lbs</td>
<td>621</td>
<td>13.07</td>
<td>ft²</td>
<td>48 lb/ft²</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>282.3</td>
<td>1.21</td>
<td>m²</td>
<td>235 kg/m²</td>
</tr>
</tbody>
</table>
1. Optional Fixtures "B" Shown: Suspended Light Fixture Secured to Deck above, with Lamp 4100K
2. Ceiling Microphone
3. EagleEye II Cameras
4. Visual HD Video Monitor
5. Table Top
6. Pop-up Content Monitor
7. Video Wall
8. Optional Complete Experience Kit (Rear Wall Panel System Shown)
9. Optional Chair Shown
10. Door Outline
Polycom® OTX™ 100 HD
Optional Stabilization Brackets

FLOOR PLAN VIEW
SCALE: 1/4" = 1'-0"

SEE NOTE 4, SHEET 1

LEVEL LINE
STABILIZATION RAILS
UNISTRUT P1000 SL

ELEVATION "A"
SCALE: 1/4" = 1'-0"

SECTION "B"
N.T.S.

Polycom Headquarters: 4750 Willow Road, Pleasanton, CA 94588. (T) 1-800-POLYCOM (765-9266)
C 2010 Polycom, Inc. All rights reserved. Polycom and the Polycom logo are registered trademarks.

www.polycom.com
3726-09883-002
Rev. A - June-8-2011

11 of 16
NOTES:
WALL MUST BE STABLE AND FREE FROM MOVEMENT!

RECOMMENDED HARDWARE NEEDED FOR:

1) DRYWALL:
   A) 1/4-20 TOGGLE ANCHOR TO POLYCOM PART NUMBER: 1650-28296-001 (QTY: 7x)
   B) 1/4-20 SCREW TO POLYCOM PART NUMBER: 1601-42020-001 (QTY: 7x)
   C) 1/4" WASHER TO POLYCOM PART NUMBER: 1602-61465-001 (QTY: 7x)

2) WOOD STRUCTURE:
   A) LAG SCREW TO POLYCOM PART NUMBER: 1601-12988-001 (QTY: 7x)
   B) 1/4" WASHER TO POLYCOM PART NUMBER: 1602-61465-001 (QTY: 7x)

3) MASONRY WALLS:
   A) CONCRETE ANCHOR TO POLYCOM PART NUMBER: 1650-28888-001 (QTY: 7x)
   B) 1/4" WASHER TO POLYCOM PART NUMBER: 1602-61465-001 (QTY: 7x)
NOTES
MIN. CEILING HEIGHT IS NOT TO BE LESS THAN 8'4" [2541.6mm]
MAX. CEILING HEIGHT IS NOT TO BE MORE THAN 12'-0" [3657.6mm]
1. THE OPTIONAL DOCUMENT CAMERA LOCATIONS A, B and C.
2. CEILING GRID TO 2X2 AND/OR 2X4
3. TILE BRIDGE CEILING MOUNT RECOMMENDED POLYCOM p/n \1882-63372-001 (REQUIRED FOR CEILING TILE INSTALLATION)
4. DOCUMENT CAMERA WILL USE POWER BRICK WITH POWER OVER ETHERNET (POE) CONNECTION TO VIDEO WALL OUTLETS.
SEE DOC CAMERAS INSTALLATION GUIDE FOR WIRING DIAGRAM AND INSTALLATION INSTRUCTIONS.
1. Optional Document Camera Locations A and C are offset from center line
2. Document Camera Location B is on Center Line
Polycom® OTX™ 100 HD COMPACT VIDEO WALL ASSEMBLY

TOP VIEW

ISO VIEW

FRONT VIEW

SIDE VIEW

Polycom Headquarters: 4750 Willow Road, Pleasanton, CA 94588. (T) 1-800-POLYCOM (765-9266)

C 2010 Polycom, Inc. All rights reserved. Polycom and the Polycom logo are registered trademarks.