



Online Help

3.1 | January 2014 | 3725-69926-002/A

---

# Polycom<sup>®</sup> RealPresence<sup>®</sup> Mobile for Android<sup>®</sup> Phone



---

## **Trademark Information**

POLYCOM® and the names and marks associated with Polycom's products are trademarks and/or service marks of Polycom, Inc., and are registered and/or common law marks in the United States and various other countries. All other trademarks are the property of their respective owners.

## **Patent Information**

The accompanying product may be protected by one or more U.S. and foreign patents and/or pending patent applications held by Polycom, Inc.

© 2013 Polycom, Inc. All rights reserved.

Polycom, Inc.  
6001 America Center Drive  
San Jose CA 95002  
USA

No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without the express written permission of Polycom, Inc. Under the law, reproducing includes translating into another language or format.

As between the parties, Polycom, Inc., retains title to and ownership of all proprietary rights with respect to the software contained within its products. The software is protected by United States copyright laws and international treaty provision. Therefore, you must treat the software like any other copyrighted material (e.g., a book or sound recording).

Every effort has been made to ensure that the information in this manual is accurate. Polycom, Inc., is not responsible for printing or clerical errors. Information in this document is subject to change without notice.

---

# Contents

Polycom RealPresence Mobile Modes of Operation .....	4
Configure the RealPresence Mobile Application .....	4
Place and Receive Calls .....	8
Place Calls .....	8
Place Calls from Your Corporate Directory or Local Address Book .....	9
Manage Calls .....	9
Portrait Mode in a Call .....	10
Use the In-Call Toolbar .....	10
Toolbar Call Icons .....	11
Work with Content .....	11
Manage Contacts .....	11
Manage Cameras .....	13
Solve Problems .....	14

## Polycom RealPresence Mobile Modes of Operation

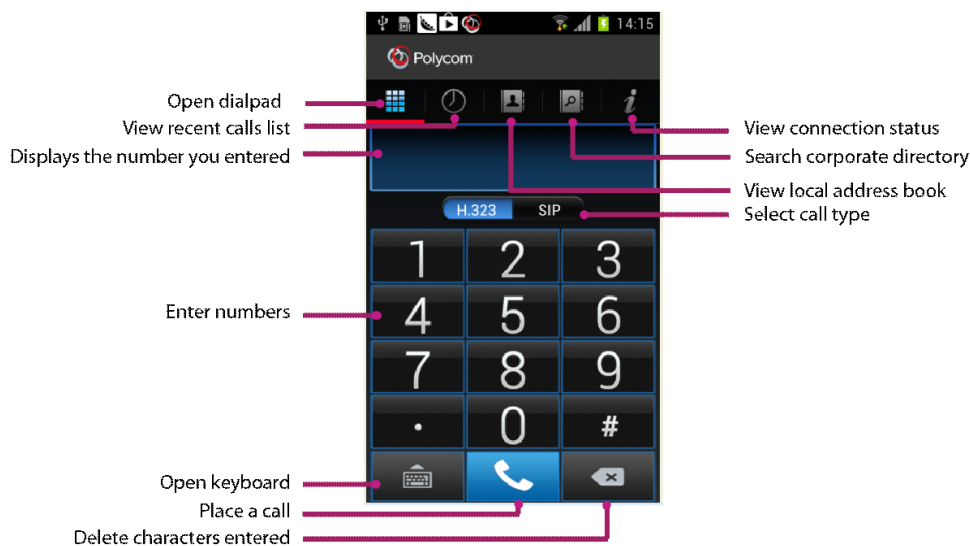
You can use RealPresence Mobile in basic or professional mode.

- Basic mode enables basic calling, but does not include professional features such as provisioning, Advanced Encryption Standard (AES), Lightweight Directory Access Protocol (LDAP), and content sharing.
- Professional mode provides provisioned features. To use these features, you must register to a Polycom provisioning server, such as Polycom Converged Management Application™ (CMA®) 4000/5000 or Polycom RealPresence Resource Manager. Provisioned all features are available when your RealPresence Mobile is connected to the CMA 4000/5000 or RealPresence Resource Manager.

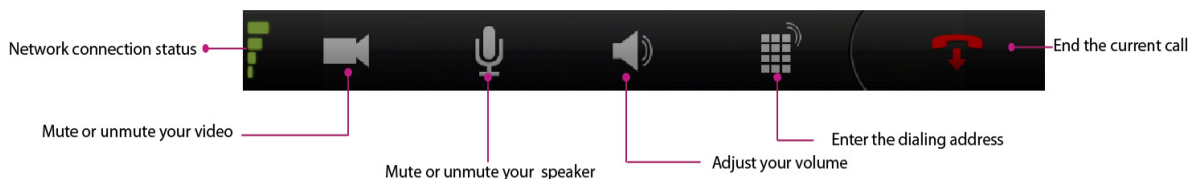
## Configure the RealPresence Mobile Application

Before you begin configure RealPresence Mobile, get familiar with the application's user interface. The following figure below show the RealPresence Mobile main window and the in-call tool bar. See [Use the In-Call Toolbar](#) for more about in-call tool bar.



Figure: Android Phone main window user interface



**Figure: Android phone in-call toolbar**



**To configure RealPresence Mobile in basic mode:**


- 1 From your device's **Application** list, touch  **Video**.
- 2 To register your product with Polycom, select the **Register with Polycom** check box. Then enter your e-mail address. Your user information, such as your e-mail address, your device type, and the RealPresence Mobile version, will be sent to Polycom. Clear this check box if you do not want to send the information.
- 3 Touch **Next**.
- 4 Touch **Skip sign in**.
- 5 Touch  on your device.
- 6 Touch **Settings**.
- 7 Configure the settings listed in the [Android Settings](#) table.

**Table: Android Settings**

	Options	Descriptions
General Settings	Auto Start	Specifies whether to start RealPresence Mobile automatically when you power on the device.
	Show Status Notification	Determines whether to show network status on the lower-right corner of your screen.
	Display Name	Name to display to the far end during a call.
	Keep Alive in Sleep Mode	Allows the system to detect incoming calls more while asleep. This increases battery consumption.
	Auto-answer incoming calls	Specifies whether to answer incoming calls automatically.
	Mute video for auto-answered calls	Allows the system to mute the video of auto-answered calls.
	Mute audio for auto-answered calls	Allows the system to mute the audio of auto-answered calls.
Network Settings	WLAN Call Rate	Call rate to use for calls on a WLAN network.
	3G/4G Call Rate	Call rate to use for calls on a 3G or 4G network.

**Table: Android Settings**

	Options	Descriptions
H.323 Settings	Enable H.323 Calls	Enable or disable H.323 calls.
	Gatekeeper Registration	Enable or disable registering your system with a gatekeeper.
	Select Gatekeeper	Internal or external gatekeeper to use when making calls.
	Internal Gatekeeper	IP address or FQDN of the internal gatekeeper. Example formats are 10.11.12.13 or gatekeeper.company.com.
	External Gatekeeper	IP address or FQDN of the external gatekeeper. Example formats are 10.11.12.13 or gatekeeper.company.com.
	H.323 Name	Name to display to the far site during calls. For example, you might enter your first name.
	H.323 Extension	Name that gatekeepers use to identify this system. Your organization's dialing plan may define the names you can use.
SIP Settings	Enable SIP Calls	Enable or disable SIP calls.
	Transport Protocol	Protocol the system uses for SIP signaling: <ul style="list-style-type: none"> <li>TCP: reliable transport.</li> <li>UDP: best-effort transport.</li> </ul>
	SIP Registration	Enable or disable registering your system with a SIP server.
	SIP Proxy Server	IP address or FQDN of the SIP proxy server.
	SIP Registrar Server	IP address of the SIP registrar server.
	Domain	Domain name for authentication with SIP registrar server: <ul style="list-style-type: none"> <li>If you use a Polycom DMA server as the SIP server, leave this field empty.</li> <li>If you use a third-party SIP server, enter the domain name for authentication with the registrar server.</li> </ul>
	SIP User Name	User name for authentication with a registrar server.
	Enable SIP Calls	Enable or disable SIP calls.
	Transport Protocol	Protocol the system uses for SIP signaling: <ul style="list-style-type: none"> <li>TCP: reliable transport.</li> <li>UDP: best-effort transport.</li> </ul>


8 Touch  to go back the main window.

9 To check your connection status, touch .

10 If gatekeeper or server registration fails,  is displayed on the main window. Touch  to see more information.


### To configure the RealPresence Mobile application in professional mode:

1 From your device's **Application** list, touch  **Video**.



- 2 Enter your e-mail address. By default, your e-mail address, your device type, and the RealPresence Mobile version, will be sent to Polycom. When you deselect the **Register with Polycom** check box, RealPresence Mobile will not send this information.
- 3 Touch **Next**.
- 4 Enter your user name and password. The provisioning server address is populated based on your e-mail address.
- 5 Touch **Sign In**.
- 6 Touch  on your device.
- 7 Touch Settings.
- 8 Configure the settings listed in the [Android Settings](#) table.

**Table: Android Settings**

	Options	Descriptions
General Settings	Auto Start	Specifies whether to start RealPresence Mobile automatically when you power on the device.
	Show Status Notification	Determines whether to show network status on the lower-right corner of your screen.
	Display Name	Name to display to the far end during a call.
	Keep Alive in Sleep Mode	Allows the system to detect incoming calls more while asleep. This increases battery consumption.
	Auto-answer incoming calls	Specifies whether to answer incoming calls automatically.
	Mute video for auto-answered calls	Allows the system to mute the video of auto-answered calls.
	Mute audio for auto-answered calls	Allows the system to mute the audio of auto-answered calls.
Network Settings	WLAN Call Rate	Call rate to use for calls on a WLAN network.
	3G/4G Call Rate	Call rate to use for calls on a 3G or 4G network.

9 Touch  to go back the main window.


10 To check your connection status, touch .

The provisioning server configures the rest of the settings automatically. If server registration fails,  is displayed on the main window. Touch  to see more information.


**To sign out from the provisioning server:**

- 1 Touch  on your device.
- 2 Touch **Sign Out**.

### To force the RealPresence Mobile application to close:

- 1 Touch Settings.
- 2 Touch Apps.
- 3 Touch  Video.
- 4 Touch Force Stop, and then touch OK to confirm.

### To check the current connection status and IP address:

- » Touch .

Fields	Description
My Number	Numbers the far end can use to call you.
Provisioning Service	Provisioning server address.
H.323	H.323 gatekeeper.
SIP	SIP configuration information.
Network	IP address the far end can use to call you.



Depending on your dialing plan, the far end may call you with any of your numbers, including your IP address. Ask your IT administrator for more information.

## Place and Receive Calls

Using RealPresence Mobile, you can place and receive point-to-point calls. You can also join multipoint calls hosted by multipoint conferencing systems, such as Polycom RealPresence Collaboration Server, and by endpoints with multipoint capabilities, such as Polycom HDX Series systems.

You can call contacts from your recent calls list or enter the contact numbers manually. If you register to a provisioning server, you can call contacts from your corporate directory. During a call, use the in-call toolbar to control your video, volume, and camera.





Participating in a video call in a 3G or 4G network requires sending and receiving large amounts of data. Be sure that your service plan allows a sufficient level of data transfer to support video calling.

## Place Calls


You can place calls by entering a contact number directly or by using your recent calls list.





### To place a call by entering a number:

- 1 Touch and then enter the name or number to call. You can use any of the formats shown here:
  - 2555 (SIP user name or E.164 extension for H.323)
  - stereo.polycom.com (FQDN name)
  - user@domain.com (*SIP\_username@domain.com*)
  - 10.11.12.13##1234 (signaling *IP##conference ID* for H.323)
  - 10.11.12.13 (IP address, including the dots)
  - 1234@10.11.12.13 (*SIP user name@IP address*)
- 2 Select the call type, SIP or H.323.
- 3 To enter an extension or password, touch .
- 4 Touch  to start the call.



### To place a call from your recent calls list:

- 1 Touch .
- 2 Touch an entry to call.  
Your recent calls list can hold up to 100 entries.


### Place Calls from Your Corporate Directory or Local Address Book

When using RealPresence Mobile in professional mode, which provides LDAP service, you can place calls in several additional ways. Place calls from your corporate directory or from your local address book. If there is a registration problem,  is displayed at the bottom of the screen. Touch  for more information.

#### To place a call from your corporate directory:

- 1 Touch .
- 2 Enter the name or part of the name of the contact you want to call, and then touch Search.
- 3 Touch the contact name from the search results.
- 4 Touch the device name and then touch .
- 5 Touch **Place Call (H.323)** or **Place Call (SIP)**. If you cannot find the option **Place Call (H.323)** or **Place Call (SIP)**, the contact may have no H.323 extension or SIP URI configured. Contact your IT administrator.

#### To place a call from your local address book:

- 1 Touch .
- 2 Touch the contact name from the search results.
- 3 Touch **Place Call (H.323)** or **Place Call (SIP)**. If you cannot find the option **Place Call (H.323)** or **Place Call (SIP)**, the contact may have no H.323 extension or SIP URI configured. Contact your IT administrator.


## Manage Calls

You can use RealPresence Mobile to make, answer, reject, or end calls.


### To answer a call:

- » Touch  Answer.

### To reject an incoming call:

- » Touch .

### To end the current call:



- » Touch .



#### Incoming Call Notification Display

Incoming call notification is displayed only when RealPresence Mobile is the active application.

### To clear the Recent Calls list:

- 1 Touch .
- 2 To clear all recent calls, touch , and then touch **Yes**.

## Portrait Mode in a Call

When you rotate your tablets 180 or 90 degree during a call, RealPresence Mobile will adjust the video and accordingly and also send the adjusted content to far end systems.

If you enable SmartPairing, after you rotate your device 90 degree during a call, you cannot see the swipe call button.

This feature is available when you enable auto rotation on your device.



If the far end displays the video in landscape mode, then only the center portion of the portrait mode display will be visible to the far end. For example, RealPresence Mobile will cut off the top and bottom portions to ensure that the video can be properly displayed in landscape mode.








## Use the In-Call Toolbar

During a call, touch the screen to view the in-call toolbar. Use the in-call toolbar to access additional features of the RealPresence Mobile application for example to switch cameras or mute your audio. See [Configure the RealPresence Mobile Application](#) for the in-call tool bar window.

## Toolbar Call Icons

The following table lists explains call icons.

**Table: Call Icons**

Icons	Descriptions
	Answered call
	Outgoing call
	Missed incoming call
	Unconnected outgoing call
	Poor network connection
	Unstable network connection
	Good network connection




## Work with Content

When you are registered to a provisioning server, you can view content sent by others in the call, but you cannot share content with others.



## Manage Contacts

After you register the RealPresence Mobile application to a provisioning server, you have access to Lightweight Directory Access Protocol (LDAP) service. With LDAP, you can call contacts in your corporate directory. You can also add, delete, or edit contacts in your local address book.

### To add a contact from a corporate directory to your local address book:

- 1 Touch .
- 2 Enter the name or part of the name of the contact you want to find.
- 3 Touch the contact name from the search results.
- 4 Touch the device name of the contact, and then touch .
- 5 Touch .

### To add contacts from recent calls list to your local address book:

- 1 Touch .
- 2 Touch  of the contact number you want to add.



- 3 Complete contact information and then touch .



**Cannot Add IP Addresses to Your Address Book**

If the most recent call number is an IP address, you cannot add it to your local address book.

**To add a new contact to your local address book manually:**

- 1 Touch , and then touch .
- 2 Specify the contact information.
- 3 Only the display name is required. However, you must enter at least one of following before you can call this contact:
  - H.323 Extension
  - H.323 Name
  - SIP UR



The following table explains the contact information feilds.l

**Table: Contact Information**

Fields	Descriptions
Display Name	Name you use to identify the contact, the display name appears only on your screen, so it can be any name that is meaningful to you.
Title	Contact's job title.
Phone	Contact's phone number.
E-mail	Contact's e-mail address.
Location	Contact's location.
Device Name	Name or type of system.
H.323 Extension	Number that gatekeepers use to identify this system, your organization's dialing plan may define the numbers you can use.
H.323 Name	Name that gatekeepers use to identify this system, your organization's dialing plan may define the names you can use.
SIP URI	SIP URI of the system.

- 4 Touch .

**To edit a contact in your local address book:**

- 1 Touch .
- 2 Touch the contact number you want to edit.
- 3 Touch .



- 4 Edit the contact information, and then touch 



#### **Re-adding Contact from Another Directory**

If you add this contact again from your corporate directory to your local address book, your edits will be lost.

#### **To delete a contact from your local address book:**

- 1 Touch .
- 2 Touch the contact number you want to delete.
- 3 Touch , and then touch Yes.

#### **To locate a contact quickly:**

- » Touch a letter to view names that start with that letter.

## **Manage Cameras**

The RealPresence Mobile application also enables you to switch cameras and switch among windows during a call.

#### **To switch cameras:**

- » While viewing your local video, touch  to switch between your front and rear cameras.

#### **To switch among windows:**

- » To switch among local, people, and content windows, swipe left or right



#### **Maximized Content and Window Switching**

When the content is maximized, you cannot switch windows.

## Solve Problems

The following table lists the problems that you may encounter and the possible solutions.

**Table: Solving Problems**

Problem Description	Solution
Video quality is poor.	<p>Try the call again using a lower call rate. See <a href="#">Configure the RealPresence Mobile Application</a> on page 4.</p> <p>You can also set up a private wireless network with a private key for the RealPresence Mobile application:</p> <ol style="list-style-type: none"> <li>1 From the Applications list, touch <b>Settings &gt; WLAN</b>.</li> <li>2 Choose your private wireless network.</li> <li>3 Enter your user name and password, and touch <b>Join</b>.</li> </ol>
Cannot see the content shared by the far end.	Make sure that your RealPresence Mobile software version supports using a provisioning service and that you are registered to a provisioning server.
Audio is noisy in calls from one device to another.	If the two devices are near to each other, mute the audio of one of them.
Video is not available.	Ensure that you are connected to a mobile network and registered to a provisioning server. Then try the call again.
Unable to place a call.	<p>Do one of the following:</p> <ul style="list-style-type: none"> <li>• Check whether your WLAN connection is lost. If so, turn off the WLAN, and then turn it on again.</li> <li>• Wait three minutes or longer, then turn off the gatekeeper or SIP registration. Then turn it on again.</li> <li>• Check whether your far end has a connection problem.</li> </ul>
Registration fails.	<p>Do one of the following:</p> <ul style="list-style-type: none"> <li>• Check to be sure your WLAN is connected. If the connection has been lost, turn off the WLAN, and then turn it on again.</li> <li>• Wait for at least three minutes. Turn off the gatekeeper or SIP registration and then turn it on again.</li> <li>• Change the H.323 name and H.323 extension and then register again.</li> <li>• Force close the AT&amp;T Business Video application and then try again.</li> <li>• If the registration fails when you are signed in to a provisioning server, sign out and then sign in again.</li> </ul>
Cannot sign in to the provisioning server.	<p>Do one of the following:</p> <ul style="list-style-type: none"> <li>• Make sure the provisioning server address is correct.</li> <li>• The DNS server may be unable to resolve your domain name. Contact your network administrator for help.</li> <li>• Check your network connection.</li> </ul>