Contents

What’s in this guide

Introduction to Video Conferencing
Best Practice......................................................... 4
Other Tips...................................................... 4
Tour the Screen.............................................. 5
Operating tips.............................................. 5
Tour the Remote Control (I)......................... 6
Operating tips.............................................. 6
Tour the Remote Control (II)......................... 7
Operating tips.............................................. 7

Video Calls
Place Call From Contact List.......................... 9
About the Contacts List................................. 9
Edit a Contacts List Entry, then Place the Call... 10
About Entry Edits............................................ 10
Edit the Call Rate, then Place the Call............. 11
About Call Rate............................................. 11
Place Call Using Name, Number or IP-Address... 12
About Placing Calls....................................... 12
Add Additional Participants to Existing Call..... 13
About Video Conferences............................ 13
Receive Calls................................................. 14
If Someone Calls You..................................... 14
Receive Additional Calls While Already In a Call 15
Expanding the Call.......................................... 15
Transfer an Ongoing Call............................... 16
About Call Transfer....................................... 16
Change the Layout of the Screen.................... 17
About Layout............................................... 17
Enable Do Not Disturb.................................... 18
About Do Not Disturb.................................... 18
Enable Standby............................................. 19
About Standby............................................. 19
Forward All Calls.......................................... 20
About Forwarding......................................... 20

Intelligent Proximity
Activating Intelligent Proximity..................... 22
About Proximity........................................... 22

Content Sharing
Start and Stop Presentation.......................... 24
About Content Sharing................................. 24
Change Presentation Layout In a Call.............. 25
About Presentation Layout............................ 25

Scheduled Meetings
Join a Scheduled Meeting........................... 27
Joining a Meeting......................................... 27

Contacts
Add Someone to Favorites, Outside a Call........ 29
About Directory, Recents and Favorites.......... 29
Add Someone to Favorites, While in a Call...... 30
About Favorites........................................... 30

Camera Control
View Camera Settings (Local camera)........... 32
About Camera Settings............................... 32
Far end Camera Control............................... 33
About Far End Camera Control..................... 33
Move the Selfview PIP................................. 34
Why Move the Selfview?.............................. 34

Settings
Gain Access to the Settings......................... 36
About Settings........................................... 36
Introduction

to Video
Conferencing
Use Camera Presets
Cisco TelePresence systems let you create predefined zoom and camera pointing directions (pan and tilt). Use these to zoom into the person speaking, if appropriate. Do not forget to zoom out again afterwards.

Loudspeaker Volume
The audio system will use the loudspeakers built into the monitor or the Cisco Digital Natural Audio Module.
For some systems you can set the default volume level by adjusting the volume on the monitor with the monitor remote.

Brightness Control
To adjust brightness, colors or other settings of the monitor, use the monitor’s own remote control. Adjust the monitor to suit the conditions of the conference room.
The monitors supplied by Cisco have on-screen menus that are very easy to use. For more information on configuring the monitor as such, see the corresponding user guides and administration manuals.

Best Practice
A successful video conference provides a face-to-face meeting, even if the participants are miles or continents apart. Keep in mind that it still is a meeting—normal etiquette and dress code apply even here.
• Do not forget to rehearse to the extent needed.
• Make sure that no obstacles block your view to the microphone(s) at all times.
• Noise sources like computers placed on the table should always be placed away from the microphone of your unit. The noise from such sources is often perceived as surprisingly loud by the remote participants.
• Pay attention to the background your system will provide to the remote participants. If the camera captures the corridor outside your office, people passing by may distract your remote participants. This applies as well to curtains with a distinct texture pattern and, in particular, to curtains moving due to draft in the room.
• If you are going to share content your system will use two video streams (duo video), one showing the presentation and the other showing the presenter—or the group of presenters. Smaller systems may force viewers to choose between showing the presentation or the presenter.
• For duo video some attention is needed. Duo video is, on some video systems, shown side-by-side with half the screen showing the presentation and the other half showing the presenter. To avoid appearing like you are sitting with your back towards the presentation look straight into the camera.

Other Tips
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Introduction to Video Conferencing

Other Tips
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Introduction

Tour the Screen

Upper left corner of the screen contains the Settings icon which provides access to Standby mode, System information and the Do Not Disturb feature.

An icon will appear to the right of the Settings button if Proximity is available for this system (see text at right for more on this feature).

The Camera Control menu icon is located in the upper right corner of the display.

The Call button located to the left in the lower part of the display.

The Share Content button is located to the right in the lower part of the display.

If a messaging system exists for your system, access messages from here.

Use the Cursor controls the remote control to move about the screen and press OK/Enter to open the selected menu field.

Use the Cancel key to exit a menu (and return to the Home screen) undoing any changes. Use the Back key to go just one step back.

The remote control buttons are described on the following pages.

The Intelligent Proximity feature allows you to share, see and capture content from a video system wirelessly on your own device. You can also use your own device to control calls on the video system. See also "Intelligent Proximity" on page 22.

Operating tips

Tip When set to Do Not Disturb, ringtones are muted and call attempts made by others to reach you will appear as missed calls. You may, however, place calls as much as you like.

As default, there is a 60 minutes timeout on the Do not disturb (after which the system will return to normal operation), but this may have been changed to a different setting by your Video Support Team.
Introduction

Tour the Remote Control (I)

Left part of the uppermost button controls
Lower volume/Decrease.

Right part of the uppermost button controls
Higher volume/Increase.

To operate Field selector/Cursor keys use the perimeter keys of the circular field (Left/Right/Up/Down).

OK/Enter is done by means of the center circular key.

Go back one step is done by means of the left circular key.

Operating tips

Use the Cursor controls to move about the screen and press OK/Enter to open the selected menu field.

Use the Cancel key to exit a menu (and return to the Home screen) undoing any changes. Use the Back key to go just one step back.
The Keypad is used to dial someone or input numerals. There is a raised bump on digit 5 to identify the keys.

Microphone mute/unmute is the right circular key.

The key below the Go back is the green Call button / Accept incoming call.

The key below the Mute key is the Reject incoming call / End call / Cancel / Back to Home screen (outside calls).

Use the Cursor controls to move about the screen and press OK/Enter to open the selected menu field.

Use the Cancel key to exit a menu (and return to the Home screen) undoing any changes. Use the Back key to go just one step back.
Video Calls
Your Contacts list consists of three parts:

- **Favorites**: These contacts have been put there by you. These entries will typically be someone you call frequently or otherwise need to access in a swift and convenient manner from time to time.

- **Directory**: Will typically be a corporate directory installed on your system by your video support team.

- **Recents**: Is a list of calls you have placed, received or missed earlier.

The following options apply:

- You may key in a name, number or an IP address and the system will look in all lists for you.
- You may tap a tab and then scroll through the list or key in a name or number. Your search will then be restricted to that specific list.
- You may add the entry to the list of Favorites; edit aspects of the entry before calling and/or change the call rate (the bandwidth applied to the call).

---

**Place Call From Contact List**

1. Make sure **Call** is selected (the leftmost icon along the bottom of the screen) and press **OK** on the remote control or press the green **Call** button on the remote control.

2. The Contact list appears. Use the **Cursor** keys on the remote control to navigate between **Favorites**, **Recents** and **Directory** (horizontally) and then down in one of the lists.

3. Once an entry has been located, press **OK** on the remote control to invoke the **Call** menu.

4. Then press **OK** or the green **Call** button on the remote control to place the call.

5. Press the red **End Call** button on the remote control, or use the **Cursor** keys to select **End** on the screen and then press **OK** to terminate the call.

---

**About the Contacts List**

- **Call** is selected (the leftmost icon along the bottom of the screen).
Edit a Contacts List Entry, then Place the Call

1. Make sure Call is selected (the leftmost icon along the bottom of the screen) and press OK on the remote control or press the green Call button on the remote control.

2. Use the Cursor keys on the remote control to navigate between Favorites, Recents and Directory and then down in one of the lists.

3. Once an entry has been located, press OK on the remote control to invoke the Call menu.

4. Use the Cursor keys on the remote control to navigate to the More field (\_\_\_), and press OK.

5. Navigate down to Edit and Call (center field in the More menu) and press OK.

6. Edit the entry as required and press the green Call button on the remote control to place the call.

About Entry Edits

For more on the Contacts list, see the previous page. You may need to edit an entry in one of the Contact lists before you place the call, such as to add a prefix, a suffix or otherwise alter the entry to ensure success.
Call rate is the term used to express the amount of bandwidth allocated to the call. It is measured in kbps (kilobits per second). The higher the call rate is, the better the quality will be, but on the expense of higher bandwidth consumption. The system comes with a default call rate. This is normally set by your video support team.

Why would you like to temporarily change this setting? In most cases you will use it to avoid choking the video call when you try to call someone at a higher rate than their system and connection support.

Call rate cannot be changed during a call, but you may change it just before you place a call, as shown at left.

Video Calls

Edit the Call Rate, then Place the Call

1. Make sure Call is selected (the leftmost icon along the bottom of the screen) and press OK on the remote control or press the green Call button on the remote control.

2. Use the Cursor keys on the remote control to navigate between Favorites, Recents and Directory and then down in one of the lists.

3. Once an entry has been located, press OK on the remote control to invoke the Call menu.

4. Use the Cursor keys on the remote control to navigate to the More field (***), and press OK.

5. Move down to Custom call and press OK.

6. Use the Cursor keys as required and press the green Call button on the remote control to place the call.

About Call Rate
Video Calls

Place Call Using Name, Number or IP-Address

1. Make sure Call is selected (the leftmost icon along the bottom of the screen) and press OK on the remote control or press the green Call button on the remote control.

2. Use the Cursor keys to navigate to the Search or Dial field at the top of the menu. Press OK.

3. To enter numbers just press the corresponding keys on the remote control.

4. To use the virtual keyboard, navigate down to and about the keyboard and select characters. Press OK to select a character.

5. Then press the green Call button to place the call.

6. Press the red End Call button on the remote control, or use the Cursor keys to select End and then press OK to terminate the call.

About Placing Calls

You may call someone who is not listed in your list of contacts by keying in their name, address or number using the virtual keyboard. Anyone you have previously called will appear in the Recents list and you may then add any of them to your list of Favorites. This is described in the section Contacts.

Call Using Video Address

The procedure when using an IP type video address to call someone is similar. Just key in the address and use * (the asterisk button in the lower left corner on the remote control) as separator. The system will interpret this as a valid IP address separator so that the video address appears as correctly entered.
Add Additional Participants to Existing Call

1. In a call, navigate to Add and press OK on the remote control. This will put the current call on hold.

2. Locate the participant to be added in the usual way. Press OK.

3. Navigate to Add and press OK to expand the call into a conference.

4. The calls will now be merged together.

5. Repeat the process to add more participants, if needed.

6. Press the red End Call button on the remote control, or use the Cursor keys to select End and then press OK to terminate the call.

Video Conferences

Your video system network may be equipped with the capability to initiate a video conference with several participants. The maximum number of participants supported by your video system will depend on system configuration and the video infrastructure. If in doubt, contact your video support team.

If you want to initiate a video conference, you must call each participant one by one. If you are the one who initiated the conference you will be able to terminate the entire conference. The other participants may only disconnect themselves from the conference.

Call settings. Those you call may have video systems with different bandwidths. You are not constrained to set all participants to a bandwidth that all systems support. The Call rate may be set individually for all participants in order to provide everyone with the best quality available for their system. See “Edit the Call Rate, then Place the Call” on page 11.
Video Calls

Disconnect a Participant From a Conference

1

In a call, navigate to the Participants icon in the upper right corner, as shown, and press OK to invoke the list of participants.

2

Navigate down to the participant to be dropped from the conference and press OK.

3

Navigate to Drop and press OK.

About Video Conferences

The ability to conduct a video conference from your video system is an optional feature that may, or may not, be available for your system.
Receive Calls

If Someone Calls You

- If someone calls you, you may accept, decline or ignore the call.
- If you decline the call, busy information will be sent to the calling party.
- If you ignore the call, the calling party will perceive this as if you were absent (you did not pick up the call).
- Your video infrastructure may allow you to receive multiple incoming calls. Consult your video support team, if needed.

You may also use the Call keys below the circular buttons on the remote control directly (the green left key to accept the call and the red right key to decline).
Video Calls

Receive Additional Calls While Already In a Call

If someone calls you, you may accept, decline or ignore the call. If you decline the call, busy information will be sent to the calling party. If you ignore the call, the calling party will perceive this as if you were absent (you did not pick up the call). Your video infrastructure may allow you to receive multiple incoming calls. Consult your video support team, if needed.

If you are already in a call, and someone calls you, you may decline the call, add the caller to the existing call or put the existing call on hold while receiving.
Video Calls
Transfer an Ongoing Call

1. Navigate to the **Transfer** button and press **OK** on the remote control. This will cause the current call to be put on hold.

2. Search for whom to call in the usual way.

3. Select the green **Call** button and press **OK** or use the green **Call** button on the remote control. Talk to the person to confirm that transfer is OK. The person to be transferred is still on hold.

4. Select **Complete Transfer** and press **OK** on the remote control.

---

About Call Transfer

Use this feature to share content on your PC in a call or outside a call. The procedure is the same, but shown here is the in-call way only.
Video Calls

Change the Layout of the Screen

1. Navigate to **Layout** in the upper right corner and press **OK** on the remote control. This icon will appear only when relevant.

2. Use the **Cursor** keys to navigate to the new layout you would like to use and press **OK**.

About Layout

Whenever you share content or you are in video conference, you will be able to change the layout of the video shown on the screen.

Your system cannot initiate video conferences unless certain infrastructure exists in your organization. If in doubt, consult your video support team.

You can, however, be invited to a video conference by others. The ability to change the screen layout will then apply.

Any changes you make here will not affect others than you.
Video Calls

Enable Do Not Disturb

Starting from Home screen, use the Cursor keys on the remote control to select the Settings icon in the upper left corner of the screen.

1

Press OK on the remote control.

2

Use the Cursor keys on the remote control to navigate down to Do Not Disturb and use the OK button on the remote control to set it to On or Off (toggling).

3

Press the OK key on the remote control to exit the menu, putting changes into effect.

4

About Do Not Disturb

Your system can be set up so that it does not respond to incoming calls. When set to Do Not Disturb, ringtones are muted and call attempts made by others to reach you will appear as missed calls. You may, however, place calls as much as you like.

As default, there is a 60 minutes timeout on the Do not disturb (after which the system will return to normal operation), but this may have been changed to a different setting by your Video Support Team.
Video Calls

Enable Standby

1. Starting from Home screen, use the Cursor keys on the remote control to select the Settings icon in the upper left corner of the screen.

2. Press OK on the remote control.

3. Use the Cursor keys to navigate down to Standby.

4. Press the OK key on the remote control to exit the menu, putting changes into effect.

About Standby

Your system can be set to Standby to save power. You will still be able to receive calls as usual.
Video Calls

Forward All Calls

1. Starting from Home screen, use the Cursor keys on the remote control to select the Settings icon in the upper left corner of the screen.

2. Press OK on the remote control.

3. Use the Cursor keys to navigate to Forward all calls to... If you want to forward all calls to Voicemail instead, navigate to Forward all calls to Voicemail, press OK and you are done.

About Forwarding

This feature lets you define a name, number or address to which all calls will be forwarded as long as the feature is active.

You may choose between forwarding all calls to your Voicemail (if applicable) or to a specified receiver. Choosing the latter will send you to the Call menu to let you choose whom to forward to.

Choosing Forward all calls to... will send you to the Call menu. Select whom to receive all calls in the same way as if you were about to call that person.
Intelligent Proximity
Intelligent Proximity

Activating Intelligent Proximity

1. Starting from Home screen, use the Cursor keys on the remote control to select the Settings icon in the upper left corner of the screen.

2. Press OK on the remote control.

3. Use the Cursor keys to navigate to Proximity. Press OK to activate.

4. To deactivate, repeat the process.

About Proximity

The Intelligent Proximity feature allows you to share, see and capture content from a video system wirelessly on your own device (smart phone, iPad, Android tablet, PC or Mac). You can also use your own device to control calls on the video system.

Observe the following:

You will need to download (free of charge) the Cisco Intelligent Proximity app from App Store or Google Play. Windows or OS X users, go to https://www.ciscospark.com/.

Your video support team may have activated none of the features, all of them, or just a subset of them.

Intelligent Proximity makes use of ultrasound when connecting users. Do not block the microphone of your smart phone or tablet.

Intelligent Proximity has been designed not to work outside the meeting room.

However, when privacy dictates, always keep the meeting room entrance doors closed to avoid possible eavesdropping from adjacent rooms.

If available with your system, Intelligent Proximity can be activated or deactivated in the Settings menu, which is accessed from the upper left corner of the screen.
Content Sharing
Use this feature to share content on your PC in a call or outside a call. The procedure is the same, but shown here is the in-call way only. To share content using Proximity, make sure your presentation source has Cisco Proximity installed and activated. Allow some time for the pairing to take place. Follow on-screen instructions.

1. Make sure your presentation source is connected and On. You may need to select Share and press OK on the remote control.

2. You may now select Local preview to inspect the contents without sharing it with the others, before you select Share in call to share it with the others.

3. The size of the shared image is controlled by means of the Minimize/Maximize button. Select this and press OK on the remote control, if needed.

4. To stop sharing content, select Stop sharing (which appears along the bottom of the display (number 1 from the left) and press OK on the remote control.
Content Sharing

Change Presentation Layout In a Call

1. Navigate to **Layout (▲)** in the upper right corner and press **OK** on the remote control. This icon will appear only when relevant.

2. Use the **Cursor** keys to navigate to the new layout you would like to use and press **OK**.

About Presentation Layout

You may change the layout of the screen during presentations. Typical options available will be with or without showing the presenter and showing the presenter as either a PiP (Picture in Picture) or PoP (Picture outside Picture). The layout options available on your system may differ from those shown here, but the layouts shown are always those you may choose between.
Scheduled Meetings
Scheduled Meetings

Join a Scheduled Meeting

A meeting allowing you to join in, can be joined by navigating to the green Join button. Then click OK on the remote control.

Joining a Meeting

Your video system may be connected to a management system capable of scheduling video meetings. Any meetings scheduled will then appear as shown at left. Tap Join to participate in the meeting.

Should the meeting have started already, you will still be offered to join.
Contacts

Add Someone to Favorites, Outside a Call

Make sure Call is selected (leftmost field along the bottom of the screen) and press OK or the green Call button on the remote control.

The Call menu will appear. Use the Cursor keys to navigate between Recents and Directory (the two rightmost) and then down in one of those lists.

Once an entry has been located, press OK on the remote control to invoke the Call menu and use the Cursor keys to navigate to More (...). Press OK.

Then use the Cursor keys to navigate to Mark as Favorite. Press OK on the remote control to make the selected entry a favorite.

Repeat this procedure to remove someone from the list of Favorites.

The Directory serves as your corporate phone book. This directory cannot be edited by you. You may, however, copy entries to your list of Favorites and edit them there.

Tap a folder to show its contents, scroll, if needed, to locate a folder or an entry within a folder.

When searching within the corporate Directory, the search will apply to the current directory folder and its subfolders only. To go one level up, tap Back. To make the search apply to the entire corporate directory, do not enter (tap) any folder before the search is commenced.

It may happen that an entry copied from the directory to the list of favorites later is updated in the directory. This update will not be reflected in your list of favorites—you must then manually update the entry in the list of favorites. Use Edit and Call for this.
Contacts

Add Someone to Favorites, While in a Call

1. In a call, use the remote control to navigate to the Participants icon in the upper right corner, and press OK on the remote control.

2. A menu showing a list of the participants in the call will now appear. Use the Cursor keys to navigate to the participant to become a favorite and press OK on the remote control. A submenu will appear.

3. Then navigate to Favorite in this submenu (far left) and press OK on the remote control. The selected participant has now become a Favorite.

Repeat to undo.

About Favorites

Favorites is your own personal directory. Entries may come from the corporate directory (for more on this, see the previous page) or they may come from someone you call or someone who call you.
Camera Control
Camera Control

View Camera Settings (Local camera)

1. In a call or outside a call (as shown here), move cursor up to the upper right corner to the Camera icon. Press OK on the remote control.

2. The camera icon will now appear. Press OK again on the remote control.

3. You may now make the adjust the pan, zoom and tilt of the camera. Use the Increase/Decrease controls of the remote control to adjust the zoom and the Cursor keys to adjust pan and tilt.

4. You may also make the self-view image sticky (always shown) and/or maximize it by selecting the icons in the upper right corner of this menu. Press Back on the remote control to exit the menu.

About Camera Settings

The camera settings let you control the zoom, pan and tilt of your own camera.

The self-view (the image that the others see from your system) can be turned on and off as well as be shown minimized or maximized (full screen).

You may want the self-view to be always shown, this is called to make it sticky.
Camera Control

Far end Camera Control

1. Navigate to Participants in the upper right corner and press OK on the remote control.

2. A menu showing a list of the participants in the call will now appear. Navigate to the participant, whose camera you want to control and press OK on the remote control. A submenu will now appear.

3. To control the far end camera navigate to Camera (number two from the right) and click OK on the remote control.

4. Adjust Pan, Tilt and Zoom as per your liking. Use OK or Back on the remote control to exit.

About Far End Camera Control

Many video systems have a remotely controllable camera. Such systems allow you to use a remote control to change pan, tilt, and zoom.

If the far end (those you are in a meeting with) have such a system, you may be able to control their camera during the call.
Move the Selfview PiP

With self-view activated or a layout involving a picture-in-picture, navigate to Layout in the upper right corner and press OK on the remote control. The Layout icon will appear only when relevant.

The layout menu will now appear. Press the down Arrow of the Cursor keys on the remote control to navigate to the self-view image.

The self-view image will now turn blue to show that it has been selected. Click OK on the remote control. Arrows will now appear to indicate that the self-view image can be moved. Possible new locations are indicated.

Use the Cursor keys on the remote control to move the image. Press OK when finished.

The image on the screen will then assume its original size with the selfview in its new position.

Why Move the Selfview?

Selfview shows what others see from your video system. You will normally use it to confirm that they see what you want them to see. The selfview appears as a PiP (Picture-in-Picture). From time to time you may want to have the selfview activated during the meeting. This could, for example, be to ensure that you remain seen on the screen. It may happen that the current position of the selfview blocks important parts of the image on your screen. You may therefore want to move it.
Settings
Gain Access to the Settings

To gain access to the Settings menu, navigate to the upper left corner of the screen and press OK on the remote control. Then navigate down to System Information (number two from the bottom of the menu) and press OK again.

The Settings shows basic information about the system as well as providing access to the Setup Wizard and the ability to force a restart of the system.