



Cisco TelePresence
MX200 G2
MX300 G2
MX700
MX800
SX80

TC 7.2

User Guide

D1507604 User Guide
Cisco TelePresence MX200 G2, MX300 G2,
MX700, MX800, SX80
Produced: July 2014 for TC 72
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All entries in the table of contents are clickable hyperlinks that will take you to the corresponding article.

To go between chapters, you may also click on any of the icons in the sidebar.

Note! Some of the features described in this user guide are optional and they may therefore not be present on your system.



Introduction to Video Conferencing

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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.

General

- Consider setting the unit to *Automatic Answer*.
- Do not forget to rehearse “the noble art of operating a video system” to the extent needed.

In the Meeting Room

- Make sure the microphone is placed at the front of the table to ensure that all speech will be detected. The best position is at least 2m (6.5') in front of the system, on a flat surface with at least 0.3m (1') of table in front.
- Directive microphones should point away from the video system.
- Make sure that no speaking participant experience obstacles blocking the view to the microphone at all times.
- Microphones should always be placed away from noise sources like computer and projector fans placed on the table. The noise from such sources is often perceived as surprisingly loud by the remote participants.

- If you use a document or whiteboard camera try to arrange the participants so that the camera is close to the leader of the meeting, or alternatively, close to a designated controller.
- When a whiteboard is used, the meeting will be perceived as better to the remote participants if the whiteboard is visible through the main camera, as well as through a dedicated whiteboard camera. Broadcasting companies normally do this to let viewers see that the presenter actually is in the same room.
- Remember to arrange all the peripherals so that one participant can reach each of them to point, change the display, record or perform other functions during the conference.
- To help ensure the most natural meeting environment, position the camera on the top center of the receiving monitor, if possible. The camera should point directly at the meeting participants to guarantee eye contact with those at the far end. Check this out by means of the Selfview feature of your video system. The Selfview shows what the remote party can see from your system (the outgoing video).
- If you are going to share content you will normally make use of duo video. That implies the use of two video streams,

one showing the presentation and the other showing the presenter—or the group of presenters. Smaller systems may force you to choose between showing the presentation or the presenter.

- For duo video some attention is needed. Duo video is sometimes shown side-by-side with half the screen showing the presentation and the other half showing the presenter. Provide the impression that you seem to look towards the presentation instead of the impression that you sit with your back towards it, when all is viewed on the remote monitor. If in doubt, look straight into the camera to avoid this situation.

Ease of Use

- To help meeting participants dial, add presentations and use other functionality during a call, consider stationing a poster, table tent or other quick-reference guide in the room.

Other Tips

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.

Introduction to Video Conferencing Tour the Touch Screen



Tap the upper left corner to activate/deactivate the *Do Not Disturb* feature, to activate/deactivate the *Standby* feature, and to access the *Settings*.

Tap the **?** to contact or access the *Help desk*, if available.

Tap **Camera** to activate selfview and camera settings.

Time of day is indicated in the upper right corner.



Tap **Presentation** to start sharing content and to conduct presentations.

Press the **Microphone** button to mute/unmute microphone.

Tap **Dial** to invoke the dial pad.

Tap **Contacts** to invoke the list of contacts including *Favorites*, *Directory* and *Recents*.

Tap **Meetings** to invoke a list of upcoming scheduled meetings.

Tap **Messages** to invoke the voice mail system, if applicable.

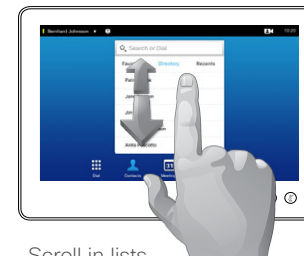
Press and hold the left side of the **Volume** button to decrease the loudspeaker volume and the right side to increase the volume.



Tap the touch screen to wake up the system, if needed.



Tap a button to activate its function.



Scroll in lists as on a smart phone.

About Do Not Disturb

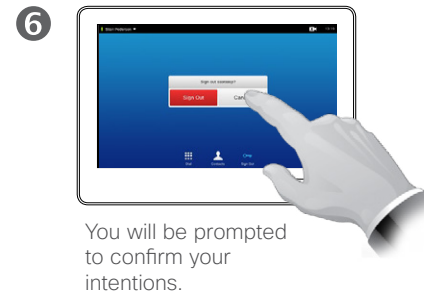
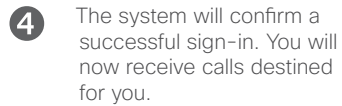
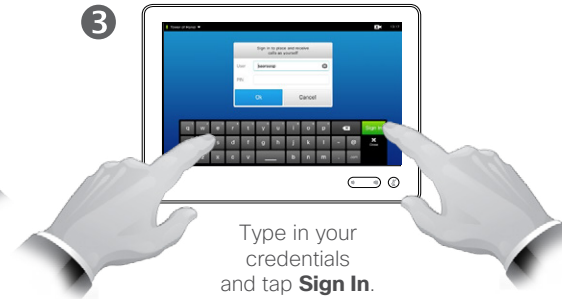
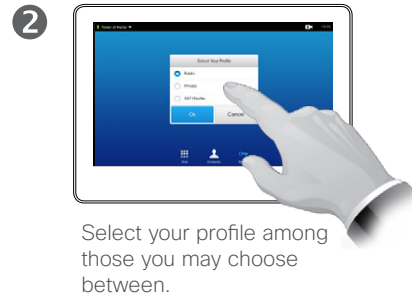
When set to *Do Not Disturb*, ringtones are muted and call attempts made by others to reach you will appear as missed calls.

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.

Note! Your video system may, or may not, display all the icons shown here. Some of the features described in this user guide are optional and they may therefore not be present on your system.

Log Onto a System with Your Own Credentials



About Hot-desking

Video systems located in meeting rooms and quiet rooms and running under CUCM (Cisco Unified Communications Manager) may allow you to log in to the video system with your own personal credentials.

CUCM will then route all incoming calls destined for you to that specific video system.



Video Calls

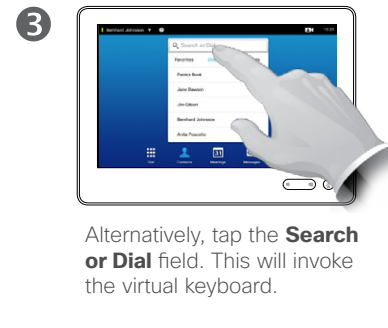
Place Call Place Call From Contact List



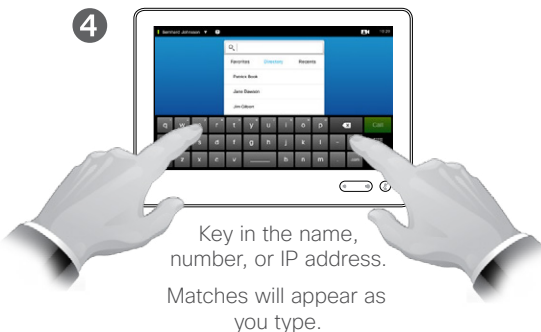
Tap **Contacts**.



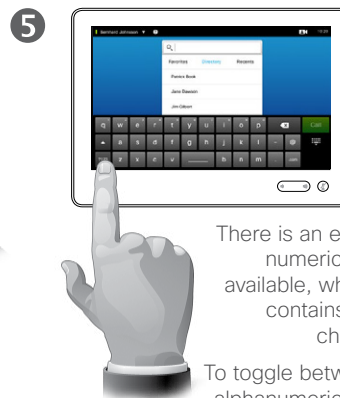
To search for someone in a specific list (*Favorites, Directory or Recents*), tap that list (**a**) and then scroll down (**b**) to locate the entry.



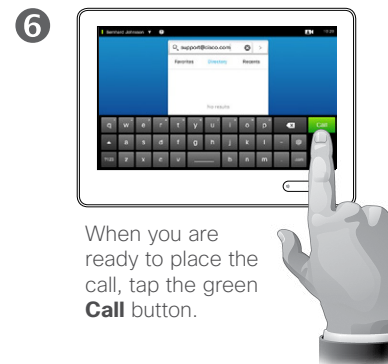
Alternatively, tap the **Search or Dial** field. This will invoke the virtual keyboard.



Key in the name, number, or IP address. Matches will appear as you type.



There is an extended numerical mode available, which also contains special characters. To toggle between the alphanumeric mode and the extended numerical mode tap the key in the lower left corner of the keyboard.



When you are ready to place the call, tap the green **Call** button.

About the Lists of Contacts

Your lists of Contacts consist of three parts:

Favorites. These contacts have 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.

You may clear the *Recents* list for privacy reasons, see [“Call Recents” on page 39](#).

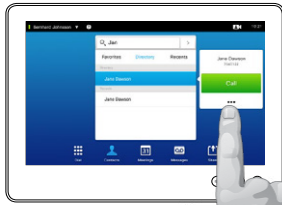
The following options apply:

- 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; change the call rate and remove the entry from *Recents*.

Edit a Contact List Entry, then Place the Call

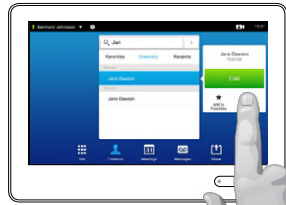
About Entry Edits

1



Tap **More** (•••) to gain access to the options.

2



Tap **Edit & Call**. This will invoke the virtual keyboard.

3



Apply your editing and tap the green **CALL** button, to place the call.

You may have to edit an entry in one of the Contact lists before you place the call. There may be a need to add a prefix, a suffix or otherwise alter the entry to ensure success.



Place Call Using Name



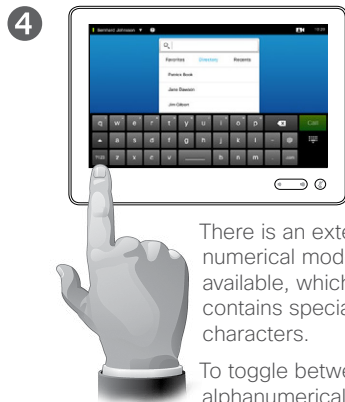
1 Tap **Dial** to invoke the numerical dialpad.



2 Tap **Keyboard** (⌨) to invoke the virtual keyboard.

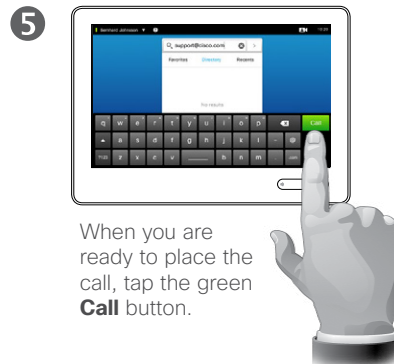


3 Key in the name. Matches will appear as you type.



4 There is an extended numerical mode available, which also contains special characters.

To toggle between the alphanumerical mode and the extended numerical mode tap the key in the lower left corner of the keyboard.



5 When you are ready to place the call, tap the green **Call** button.

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 of the Touch pad.

Anyone you have previously called will appear in the *Recents* list (until you clear that list) and you may then transfer any of them to your list of *Favorites*. This is described in the section *Contacts*.

Calling extensions. Sometimes you may be urged to enter numbers during a call, typically to reach extensions or to provide a pin code.

Tap **Keypad** (this button appears as soon as the call is placed) to invoke the keypad needed for this.

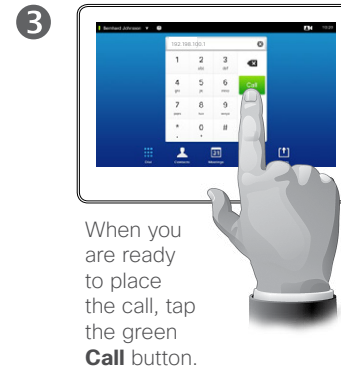
Place Call Using an IP Address



Tap **Dial** to invoke the numerical dialpad.



Type the IP address.
Tap and hold * to type the point sign used in IP-addresses.



When you are ready to place the call, tap the green **Call** button.

About Placing Calls

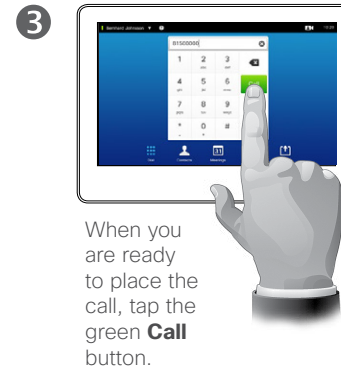
You may call someone who is not listed in your list of contacts by keying in their name, address or number using the virtual keyboard of the Touch pad.

Anyone you have previously called will appear in the *Recents* list (until you clear that list) and you may then transfer any of them to your list of *Favorites*. This is described in the section *Contacts*.

Calling extensions. Sometimes you may be urged to enter numbers during a call, typically to reach extensions or to provide a pin code.

Tap **Keypad** (this button appears as soon as the call is placed) to invoke the keypad needed for this.

Place Call Using Number



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 of the Touch pad.

Anyone you have previously called will appear in the *Recents* list (until you clear that list) and you may then transfer any of them to your list of *Favorites*. This is described in the section *Contacts*.

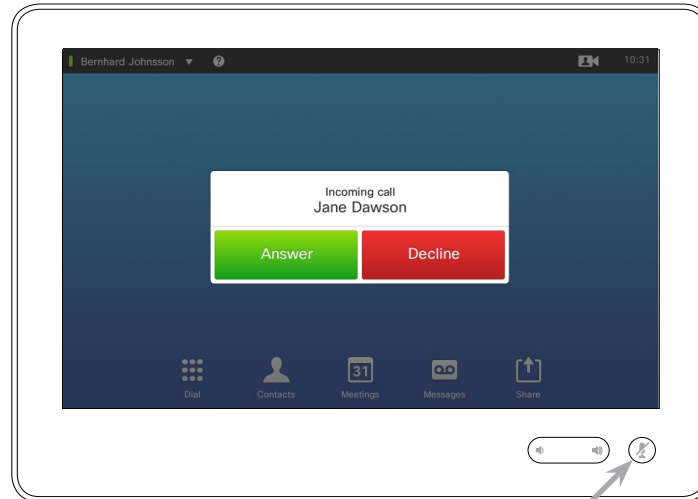
Calling extensions. Sometimes you may be urged to enter numbers during a call, typically to reach extensions or to provide a pin code.

Tap **Keypad** (this button appears as soon as the call is placed) to invoke the keypad needed for this.



Receive Call

Receive Call



If you set up the system to respond to incoming calls automatically (*Auto Answer*) you may want to mute the system microphone(s), to preserve privacy.

Microphone(s) are muted if this symbol is illuminated. To mute/unmute the microphone(s), tap the symbol.

If Someone Calls You

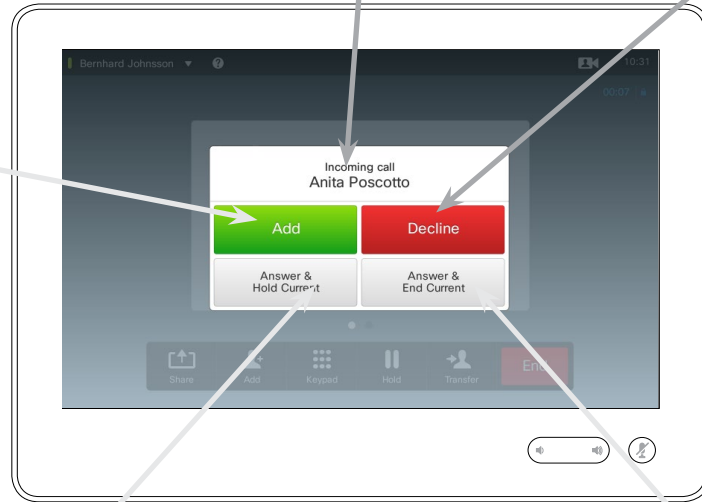
- If someone calls you, you may accept, decline or ignore the call.
- If you decline the call, busy information will be sent to the calling party.
- If you ignore the call, the calling party will perceive this as if you were absent (you did not pick up the call).
- You may want to set your system to respond automatically to an incoming call (*Auto Answer*). This is described in [“Administrator Settings–Call Details” on page 64](#). Observe that your video support team may have password protected this menu.
- If you choose to activate *Auto Answer* you may want to mute the microphone to preserve privacy. This must be set up manually every time.

Receive Call While in Another Call



Add: If your system is equipped with the MultiSite option you may merge the incoming call with the existing.

For systems without MultiSite installed, the incoming call may still be merged, but as an audio-only call (not shown).



The identity of the new incoming call.

Decline the incoming call and carry on as you have been doing.

Accept the incoming call, while holding the current call or group of calls.

Accept the incoming call, while ending the current call or group of calls.

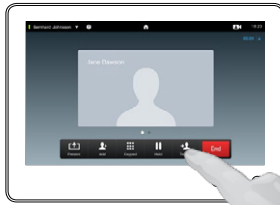
About the Options

If you already are in a call, you may accept another incoming call under certain circumstances.

Transfer Call

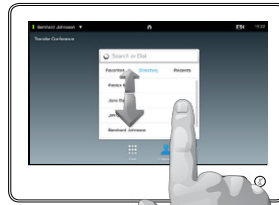
Transfer

1



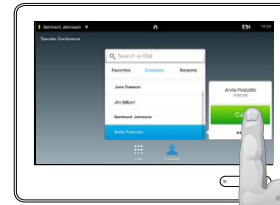
In a call tap **Transfer**.

2



Locate whom to call in the usual way.

3



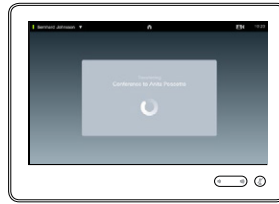
Place the call in the usual way.

4



Tap **Complete transfer**—see also text in side bar.

5



The call will be transferred.

About Transfer

Basically, you have two options when transferring calls; viz. unattended and consultative transfer.

The scenario described on this page is the unattended transfer, where you transfer the call to someone else without consulting that person before the transfer is carried out.

If you consult the person first, you will transfer after having used the swap feature—see the next page for more on this.



Transfer Call Consult and Transfer

1



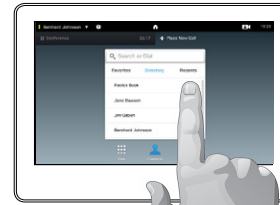
Assume that you are in a call. Tap **Hold**.

2



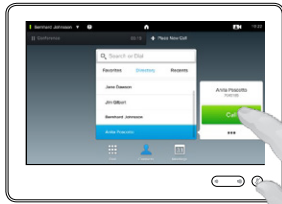
Tap **+ Place New Call** or tap **Resume** to go back to the one you were in call with (to undo your action).

3



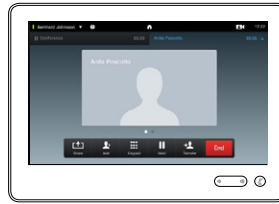
Locate whom to call in the usual way.

4



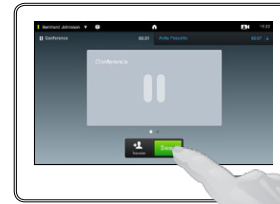
Place the call in the usual way.

5



You are now in the new call while the one you were in call with still is on hold.

6



Tap **Swap** to go between the two parties and **Transfer** to connect the two together, while you leave the call.

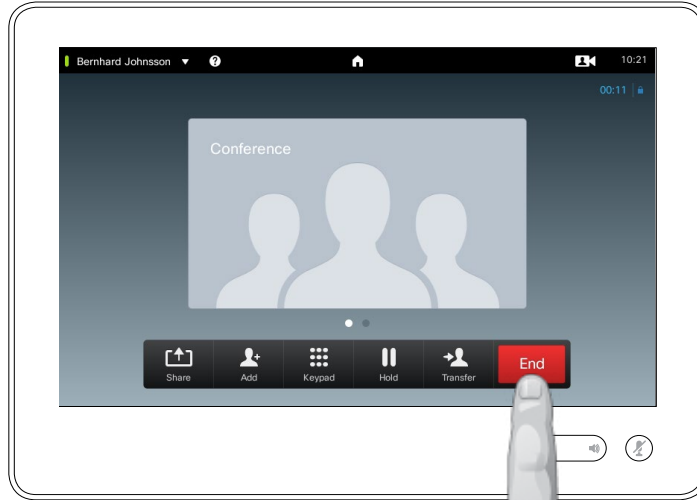
About Consult and Transfer

This feature allows you to be in a call with two parties, but one at a time only.

You may swap whom you are in call with, and you may connect the two together, while you leave the call.



Disconnect Yourself From Call



To disconnect yourself from a call, tap **End**.

About Disconnecting Yourself

Tapping **End** in a call will disconnect yourself from a call. In a call with two parties only, this will then terminate the call.

In a conference call with multiple participants tapping **End** will terminate your participation only if you are a regular participant.

However, if you are the host of such a conference, i.e. the one who initiated it, tapping **End** will cause the entire conference to terminate.



A few words on microphone behavior and privacy



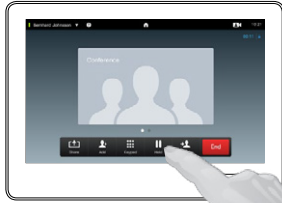
The **Mute** button has an LED indicating whether the microphone is transmitting or muted.



The microphone will transmit only when the green LED is illuminated!

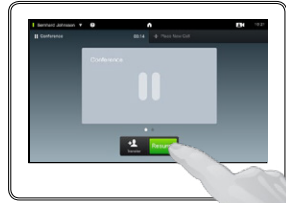
Put Call on Hold and Resume a Call on Hold

1



Assume that you are in a call. Tap **Hold**.

2



Tap **Resume** to go back to the one you were in call with (to undo your action).

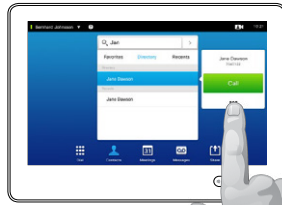
About Putting on Hold

Putting someone on hold is typically something you do as an initial step when transferring someone to another person, but it may also be used when you need to consult a person or as an alternative to muting also including stopping the video transmission.



Change Call Rate

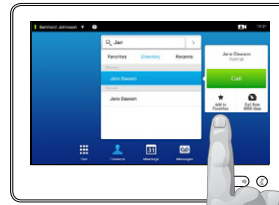
1



This can be done before you call someone only.

Tap **More** (•••) to gain access to the options.

2



Tap **Call Rate**.

3



Change the call rate by moving the slider.

About Call Rate

Call rate is the term used to express the amount of bandwidth allocated to the call and 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 set by your video support team as a part of the *Administrator Settings* (password protected).

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 outlined here.



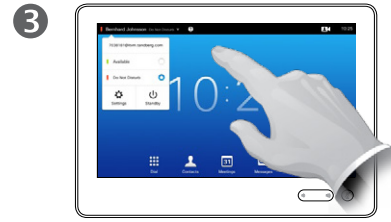
Enable Do Not Disturb



Tap the field in the upper left corner, .



Tap **Available** or **Do not Disturb**.



Tap anywhere outside the menu to exit the menu, putting changes into effect.

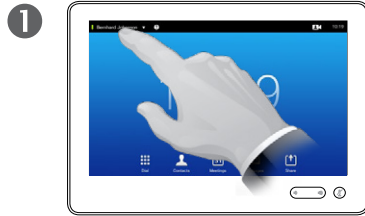
About Do Not Disturb

Your system can be set to not respond to incoming calls. You may, however, use it to call others as much as you want.



Availability

Enable Standby



Tap the field in the upper left corner.



Tap **Standby**.



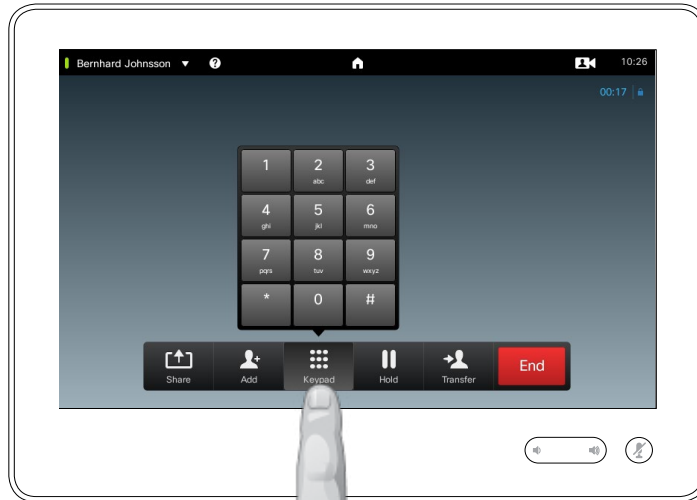
The screen will turn itself off after a few seconds. Tap the screen to wake it up.

About Standby

Your system can be set to *Standby* to save electrical energy. You will still be able to receive calls as usual.



View Keypad While in a Call



In a call, tap
Keypad.



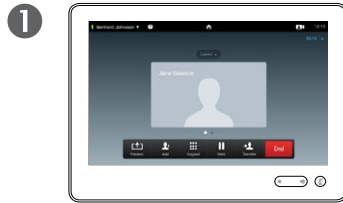
Using Keypad in a Call

In a call you may get prompted to submit numbers to be able to reach an extension or otherwise gain entrance to something (for example by means of a PIN-code).

To be able to submit this you will need to invoke the keypad on the touch screen.



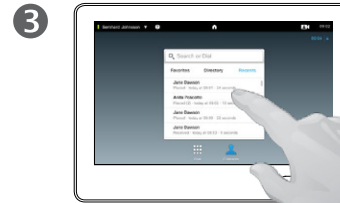
Add Additional Participants to Existing Call



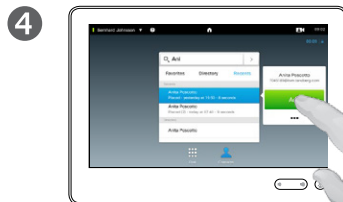
1 Assume that you already are in a call. This call may have been initiated by you or by someone else (someone called you).



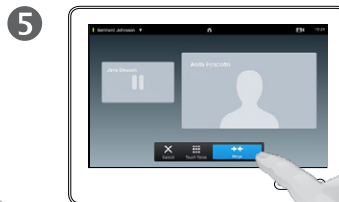
2 Tap **Add**.



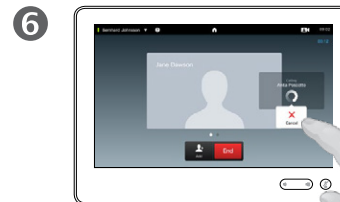
3 Locate whom to call, in the usual way.



4 Place the call, in the usual way. You may alter the *Call settings* of that call before you place it—see side bar for more.



5 You may be prompted to tap **Merge** to create the conference.



6 This new call will now be added to the existing, thus creating a conference. You may cancel this call without terminating the first call you were in.

About Video Conferences

Your video system 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 as well. The other participants, however, 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 [“Change Call Rate” on page 20](#).

This is an optional feature that may, or may not, be installed on your system.

Add Incoming Call to Existing Call



Add: Provided that your system supports it: Accept the incoming call and merge it with the ongoing call.

Some systems may accept that you merge the incoming call with the existing, but as an audio-only call.

You may be prompted to put the current call (or group of calls) on hold before merging can take place.

The identity of the new incoming call is stated here.

Decline the incoming call and carry on as you have been doing.

Accept the incoming call, while holding the current call or group of calls.

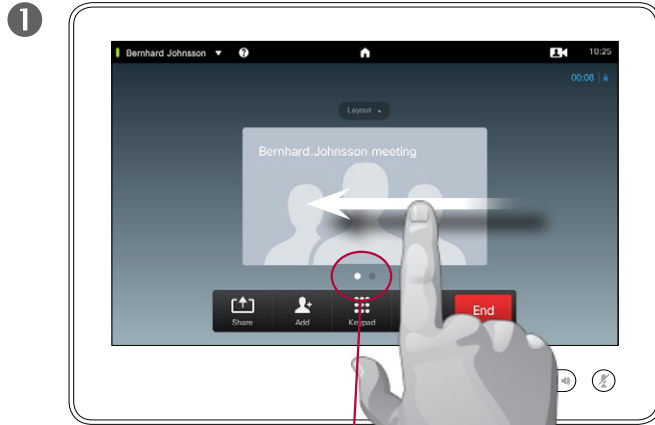
Accept the incoming call, while ending the current call or group of calls.

About Adding Incoming Calls

Assume that you are already in a call. If you then receive another incoming call, you will have the following options:

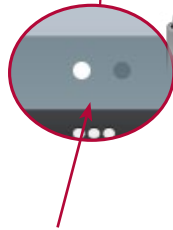
- You may decline the call and continue with what you were doing.
- You may put the current call on hold and accept the new call. At any time you may swap between the two.
- You may transfer the incoming call to someone else, including the one you were talking to.
- You may, after putting the incoming call on hold, later decide to merge this call with the existing (optional feature).
- You may merge the incoming call directly with the ongoing call (**ACCEPT & MERGE**). This applies to MultiSite equipped systems only.

View Meeting Participant List



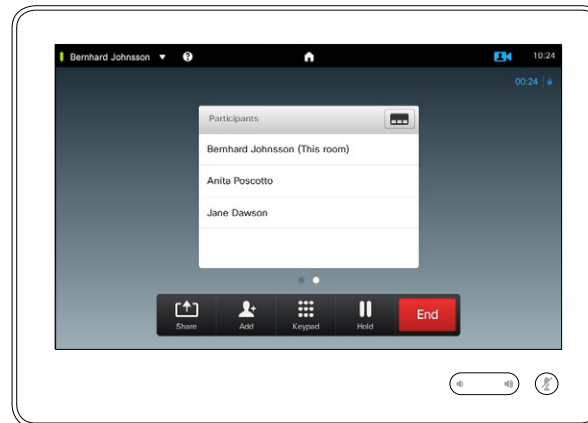
In a call, swipe your finger horizontally to the left...

...or tap the little dot not shown in white.



2

The list will show all the participants, who is speaking for the time being, who is sharing content (if applicable), as well as who has been put on hold (if applicable).



Using Participant List

This is a convenient way to obtain information about all the participants and their current status.

In addition, you may use the list to disconnect participants from the conference or to grant them certain rights, such as to retain the position as prominent speaker even if someone else starts speaking. These features are outlined on the following pages.



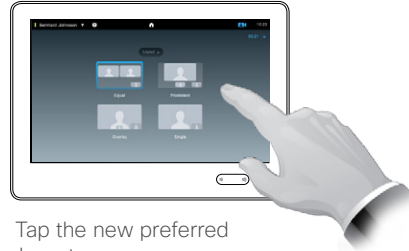
Manage Conference Call Layout

1



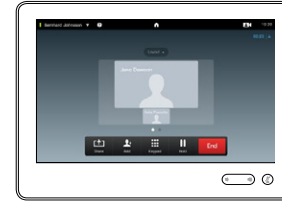
To change the existing layout on your video screen, tap **Layout**.

2



Tap the new preferred layout.

3



The new layout will now be put in effect.

About Layout Options

You may alter the screen layout when you are in a call. The Touch pad will show the options available. The actual options may differ from what is shown here, but the Touch device will always show you what is available.

The WYSIWYG (what you see is what you get) principle applies even here.

Including a Selfview

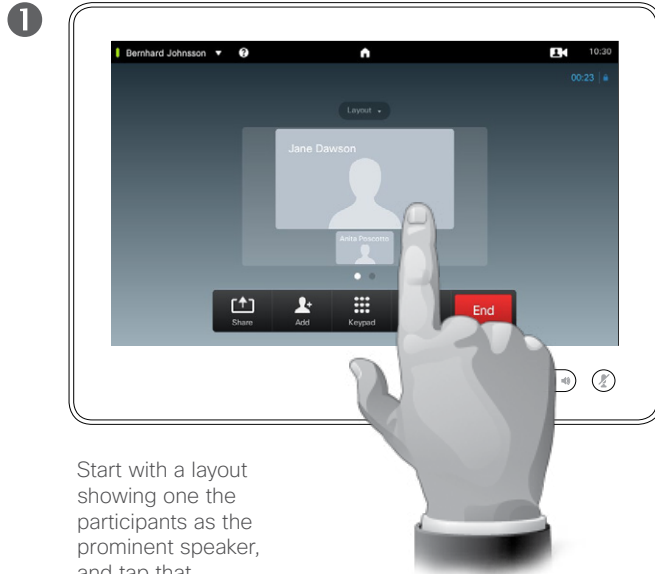
Selfview (what the others see from your video system) may be added to any layout in the usual way. To invoke the selfview See [“Manage Selfview” on page 47](#).

If needed, you may also move the selfview to a different location.

See [“Move the Selfview PiP” on page 49](#).



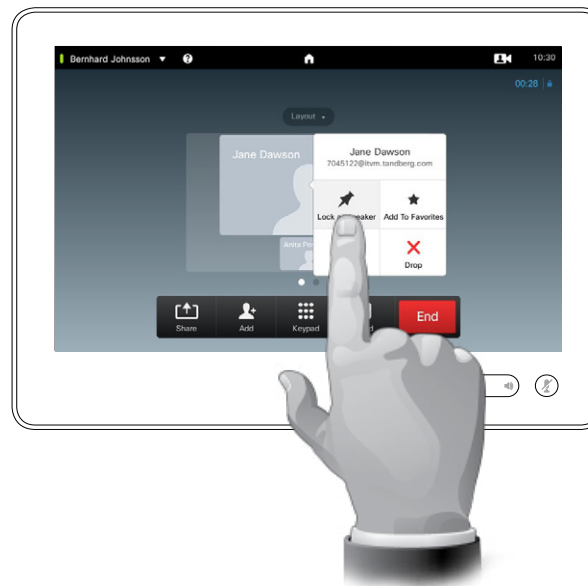
Lock Speaker



Start with a layout showing one the participants as the prominent speaker, and tap that speaker's avatar.

This is an example of a layout with one of the participants shown as the prominent speaker, i.e. shown larger than the other(s).

2



Tap **Lock as speaker**.

Once activated the name of this field will change to **Unlock as speaker**.

To unlock, repeat the process tapping **Unlock as Speaker** instead.

About Lock speaker

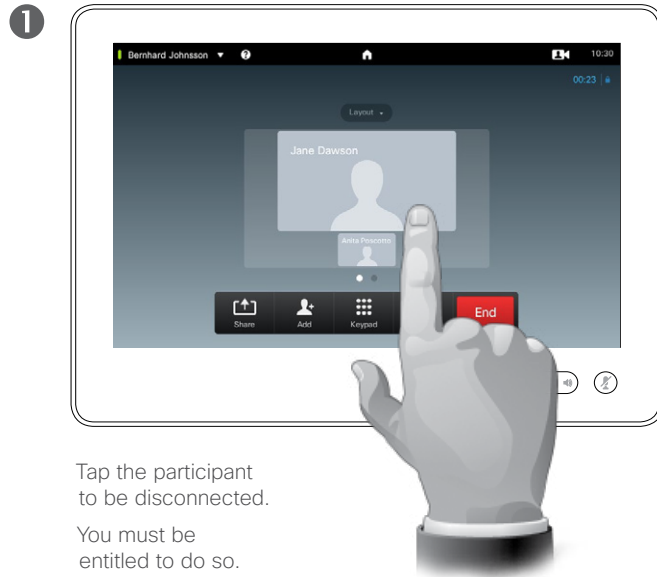
In a video conference with several participants the one who speaks will, as default, be shown as the large image (provided you haven't set up the layout otherwise). This is referred to as *voice switching*.

However, you may want to keep showing one of the participants as the prominent speaker, typically shown larger than the others.

To make this happen activate the function *Lock as speaker*, as shown on this page.



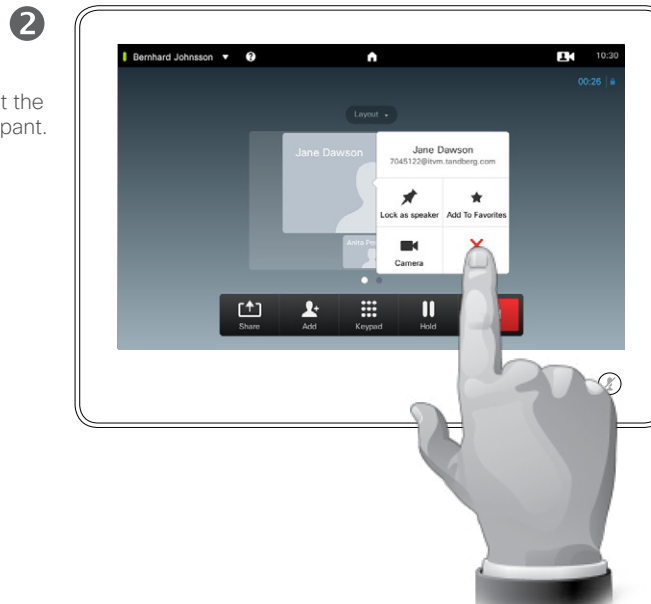
Disconnect Participant from Call



Tap the participant to be disconnected.

You must be entitled to do so.

You may also invoke the list of participants and tap a participant in that list.



Tap **Drop** to disconnect the selected participant.

About Disconnect

Any participant entitled to it may disconnect any of the other participants. Tap the participant, either in the view as shown, or in the list of participants (see [“View Meeting Participant List” on page 26](#)). Then tap **Drop**.





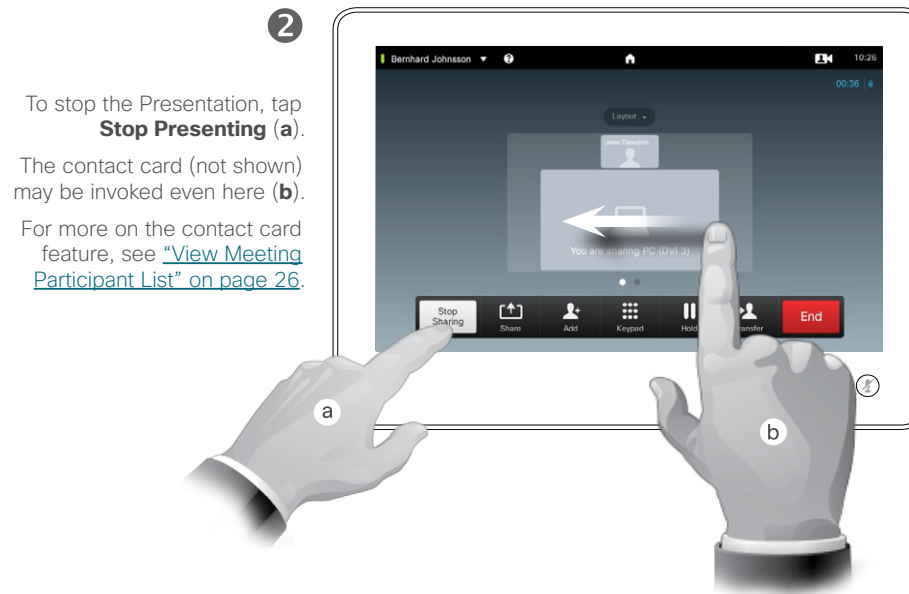
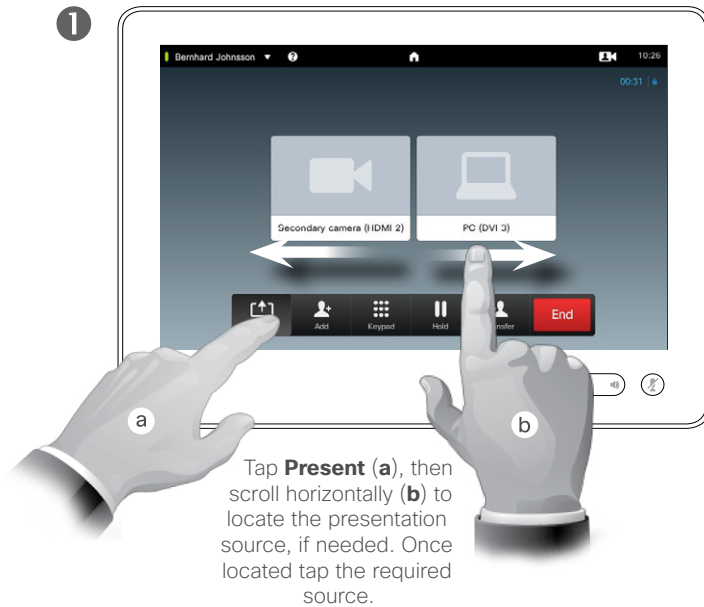
Contents can be shared in a call—or outside a call. In the latter case you will be using your video system to share contents in your local meeting room.



Share Content

D1507604 User Guide
 Cisco TelePresence MX200 G2, MX300 G2,
 MX700, MX800, SX80
 Produced: July 2014 for TC 72
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Start and Stop Presentation



About Content Sharing

Your video system supports the ability to show presentations in a video call or video conference as well as outside a call. The latter ability allows the system to be used for local presentations in a meeting room, thus extending the use of the video system and the room itself.

Note that you may change the layout of the screen during presentations, see the next page for more on this.

Change Presentation Layout



Tap **Layout** to invoke the layout options.



Select your preferred layout by tapping it.

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.



31



Your video system may be connected to a management system capable of scheduling video meetings for you. Any meetings scheduled will then appear in a *List of Meetings* on your Touch device.

31

Scheduled Meetings

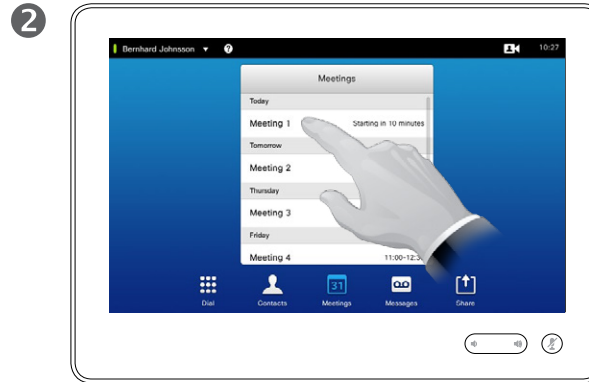
D1507604 User Guide
Cisco TelePresence MX200 G2, MX300 G2,
MX700, MX800, SX80
Produced: July 2014 for TC 72
All contents © 2010–2014
Cisco Systems, Inc. All rights reserved.

Scheduled Meetings

View Meeting List

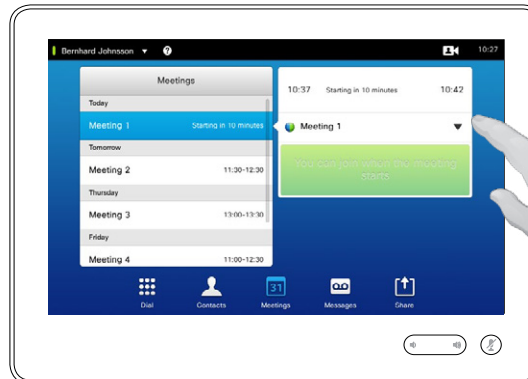


Tap **Meetings** to invoke the list of meetings.

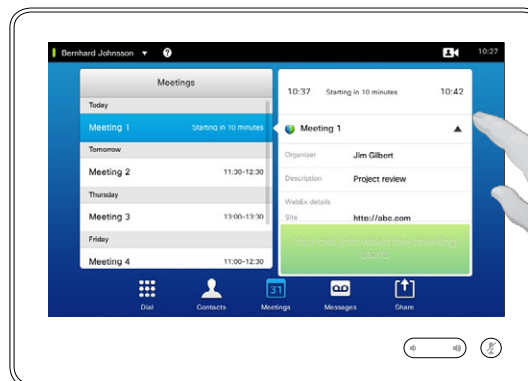


The meeting list will typically look like shown here.

Tap an entry in the list to obtain more information about the meeting.



Tap on the little expansion symbol to get even more information.



Tap again to collapse the information box.

31

Meeting List Basics

Your video system may be connected to a management system capable of scheduling video meetings. Any meetings scheduled will then appear in a *List of Meetings*.

The List of Meetings contains a list of upcoming, meetings scheduled to take place during the next 14 days (this setting may have been changed by your video support team). The list is sorted using grouping headers. The main grouping category is by day (e.g.: TODAY, TOMORROW, then WEDNESDAY, JUNE 20, 2014 etc).

If you tap an item in the list then more information will become available.

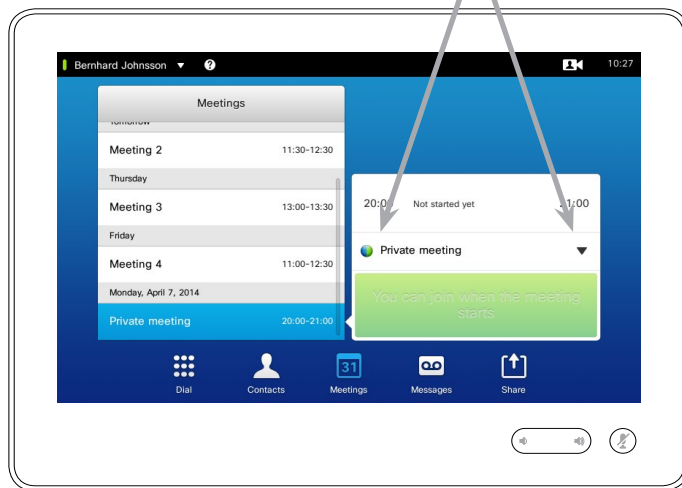
When a scheduled meeting appears as *Private meeting* it will contain information about the organizer only. There will be no title, no expandable meeting outline as well as no dial-in information.

Join Scheduled Meeting



If you tap a meeting in the list you will see more about the meeting.

The start and end time of the scheduled meeting are given in the expanded meeting information.



Extending an ongoing meeting

Scheduled meetings have a fixed start and end time. You may want to extend an ongoing meeting. This will be accepted by the system if no other meeting is scheduled for any of the video systems involved, during the period of possible extension.

If an extension is sustainable, the *Meeting will end* notification will include an *Extend* and a *Dismiss* option.

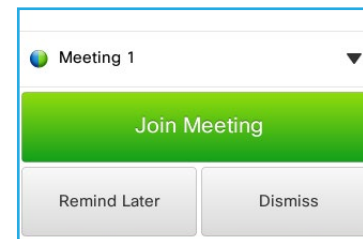
To extend a meeting, tap the **Extend** button.

You can join when the meeting starts

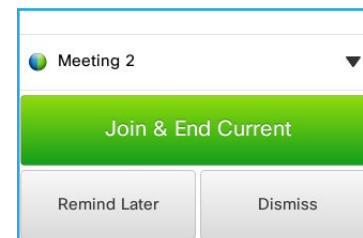
Although the default setting lets you join in up to 10 minutes in advance, your video support team may have implemented a different setting.

Join Meeting

A scheduled meeting may connect you automatically, or you may have to tap **Join Meeting**.



When the meeting starts you will be offered to join in, to postpone the offer to join in for 5 minutes, or to just dismiss the offer.



If you are in a call when the meeting starts you will also be offered to join in while at the same time put the current call on hold, just like any other situation where someone calls you while you already are in a call.

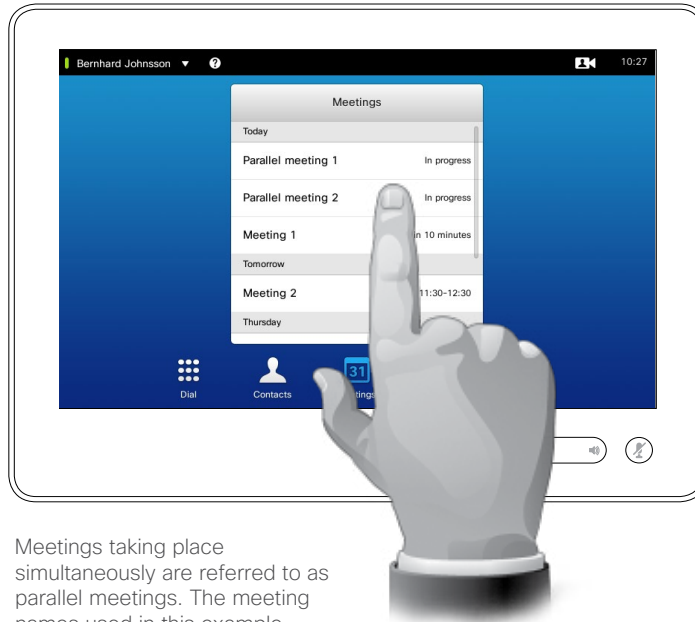
About Joining

On your video system the *Meeting Reminder* will appear once it is possible to join a meeting. Exactly when that will be depends on the *Start time buffer* setting. Default buffer setting is 10 minutes, but your video support team may have changed this. It is not possible to join the meeting earlier than the setting dictates.

The meeting reminder contains a time indicator stating when the meeting starts, or alternatively for how long the meeting has been going on (an ongoing meeting is referred to as a *Meeting in progress*).

The text *Starting now* will be shown during a time interval spanning from 30 seconds before to 30 seconds after the scheduled start time of the meeting.

Parallel Meetings



Meetings taking place simultaneously are referred to as parallel meetings. The meeting names used in this example solely appear to illustrate that the meetings are parallel meetings.

Choose Your Meeting

Whenever *Parallel meetings* occur (two or more meetings taking place simultaneously), the reminder will be displayed in context of the meeting list, displaying all upcoming meetings. Choose which meeting to join and then join the selected meeting.

31



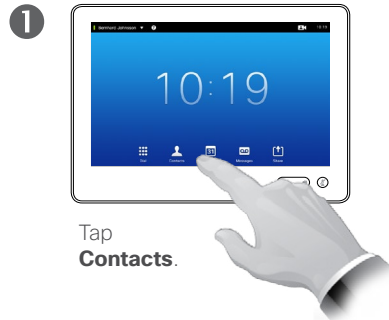
Contacts consists of three parts; a *Directory*, which typically is your corporate phone book; *Recents* which is a list of recent calls and finally *Favorites*, which is your personalized list of people you call frequently or otherwise need to get easy access to.



Contacts

Contacts Directory

Finding an entry in the Directory by scrolling through the list:



Tap **Contacts**.

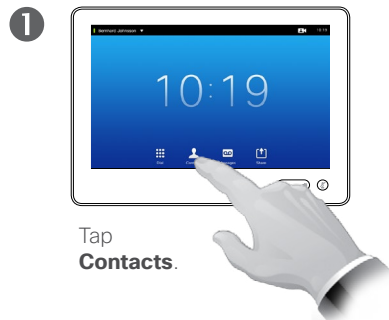


Tap **Directory**, if needed.

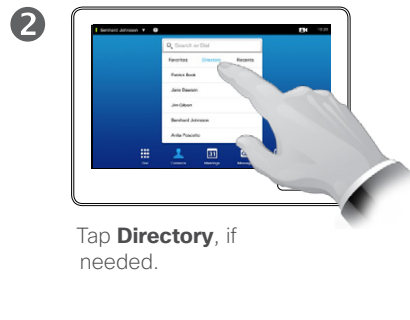


Scroll through the list to locate the entry.

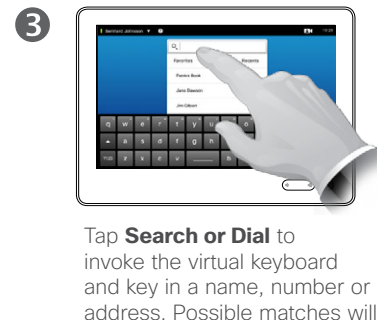
Finding an entry in the Directory by searching for it:



Tap **Contacts**.



Tap **Directory**, if needed.



Tap **Search or Dial** to invoke the virtual keyboard and key in a name, number or address. Possible matches will appear as you type.

About Directory

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.

Once located, tap the entry to call, edit or add to your list of favorites in the same way as with the *Recents* list (see the previous page for more on this).

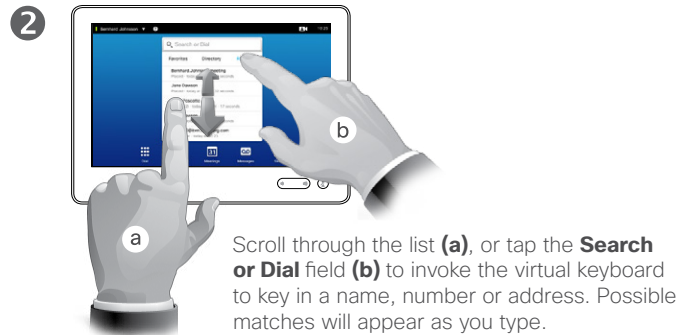
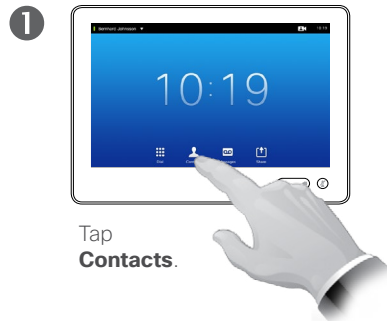
When searching within the corporate Directory, the search will apply to the current directory folder and its subfolders only. To go one level up, tap Back. To make the search apply to the entire corporate directory, do not enter (tap) any folder before the search is commenced.

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.

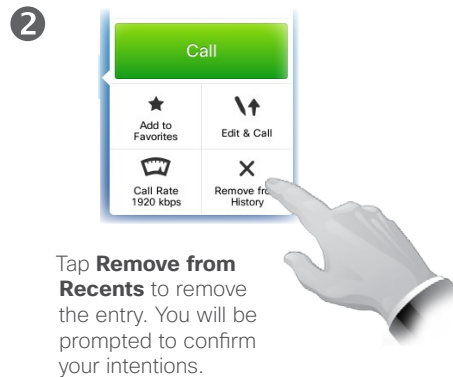
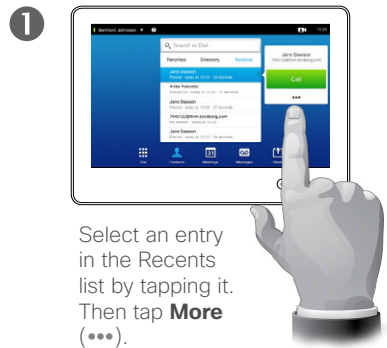


Call Recents

Gaining access to the Recents list:



Removing a single entry:

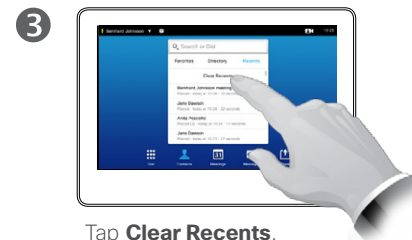
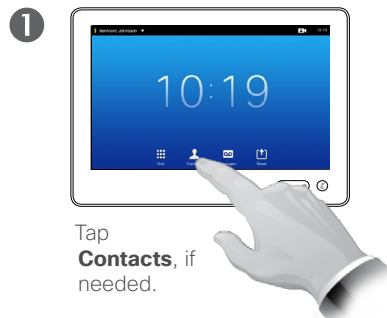


For privacy reasons you may want to remove an entry from the *Recents* list or clear the entire list.

The same persons may have called you (or you called them) several times. Each such call will create an entry in the *Recents* list.

Note that if you choose to remove a single entry in the list, any other instances of that entry will not be removed from the list.

Clearing the entire Recents list:



About Recents

The *Recents* lists the received, placed and missed calls since the last time the list was cleared.

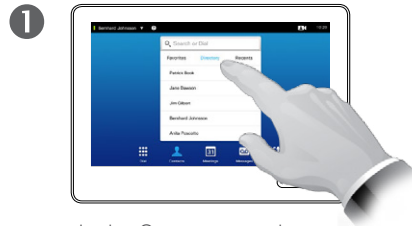
Tap an entry and you may:

- Call the entry by tapping **CALL**.
- Add the entry to an ongoing call (optional).
- Add the entry to *Favorites*.
- Edit the entry information and then place the call.
- Change the call rate settings.
- Remove the entry from the list.
- Clear the entire list.



Contacts Favorites

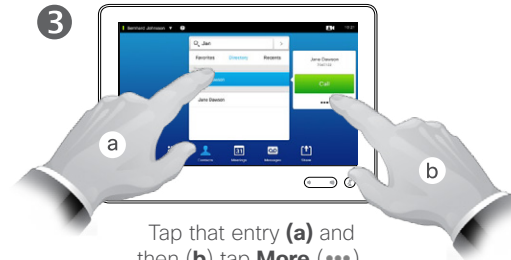
Adding someone from Directory or Recents to the list of Favorites:



1 In the Contacts panel, tap **Directory** or **Recents**, if needed.



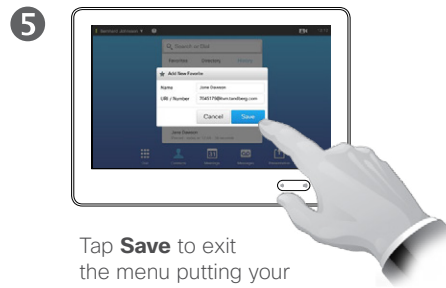
2 Scroll through the list to locate the entry.



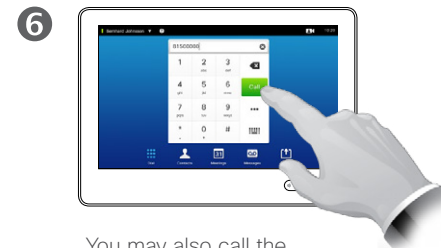
3 Tap that entry **(a)** and then **(b)** tap **More** (⋮).



4 Tap **Add to Favorites**.



5 Tap **Save** to exit the menu putting your changes into effect. If you tap the name and/or URI, you may edit the entry.

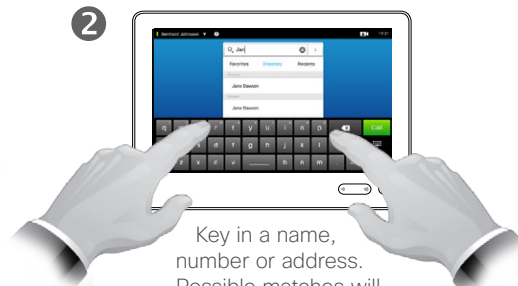


6 You may also call the person you just made a favorite.

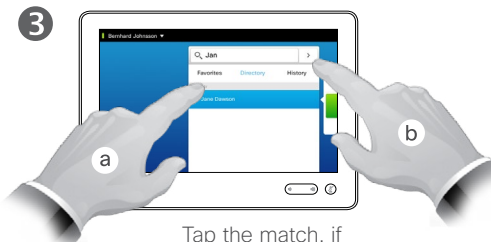
Manually adding someone to the list of Favorites:



1 Tap **Search or Dial** to invoke the virtual keyboard.



2 Key in a name, number or address. Possible matches will appear as you type.



3 Tap the match, if applicable **(a)** and then little arrow **(b)** and continue from **(3)** above.

About Favorites

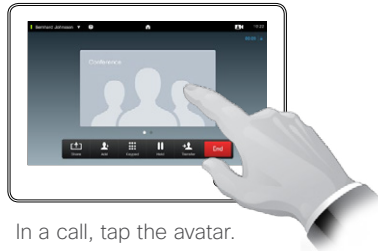
The *Favorites* is your own shortlist of contacts you frequently call or otherwise want to have easy access to.

Favorites may be populated from the *Recents* or *Directory* lists as well as from manual entries.



Add Someone to Favorites, While in a Call

1



In a call, tap the avatar.

In a video conference with several participants, tap the avatar that you want to add to Favorites.

2



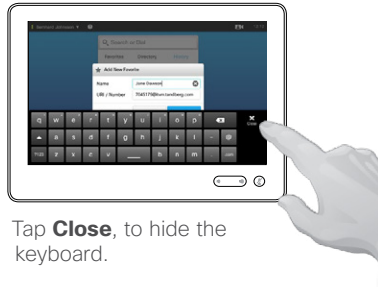
Tap **Add To Favorites**.

3



Edit the entry, if needed.

4



Tap **Close**, to hide the keyboard.

5



Tap **Save** to add new Favorite.



About this feature

There are several ways to add someone to the list of Favorites and one of them allows you to do this while in a call.

You may, after a call, realize that you should have added the one you were in call with to the list of Favorites. To do this use *Recents* and *Add To Favorites* from there, see [“Call Recents” on page 39](#).



Camera

The video system camera can be controlled at all times during a video meeting. It can even be controlled by the far end to make sure the far end get the best experience.

The system allows you to predefine camera presets to easily switch between camera views.

Camera View Camera Settings



Tap **Camera** to invoke the camera adjustment menu.

Any camera presets defined will be listed here.

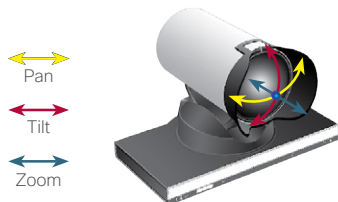
Turn Selfview On and Off.

Pan and tilt controls.

Maximize/minimize Selfview.

Zoom in and out.

Select which camera to control (for configurations with more than one camera).



About Camera Settings

The camera settings let you control the zoom, pan and tilt of the camera as well as define and edit camera position presets.

In addition selfview (the image that the others see from your system) can be turned on and off as well as be shown minimized or maximized.

If the position of the selfview blocks important parts of the image on your screen, it can be moved. How to do this is shown in [“Move the Selfview PiP” on page 49.](#)



Add Camera Position Preset

1



Tap **Camera** to invoke the camera adjustment menu.

2



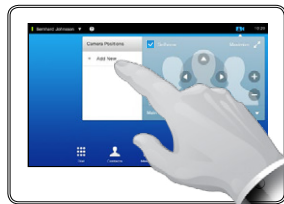
Tap **Selfview** to activate it.

3



Adjust **Tilt**, **Pan** and **Zoom**, as required.

4



Tap **Add New**.

5

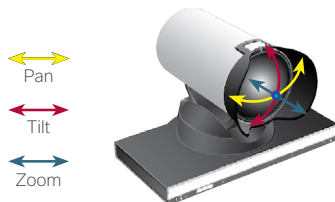


Key in a descriptive name.

6



Tap **Save** to leave the menu putting changes into effect, or tap **Cancel** to leave menu undoing any changes.



About Camera Presets

Your video system lets you create predefined zoom and camera pointing directions (also known as pan and tilt). Use these to zoom into the person speaking, if appropriate. Do not forget to zoom out again afterwards.

This means that if you want to create one or more *zoom-in* presets you should also create a *zoom-out* (overview) preset to conveniently switch back to overview mode.

Although you may control the far end camera, i.e. the camera of any of the other participants (given that those cameras are remotely controllable), you cannot define nor make use of their presets.



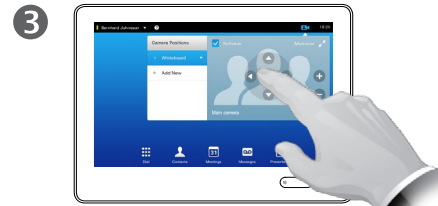
Edit Existing Camera Position Preset



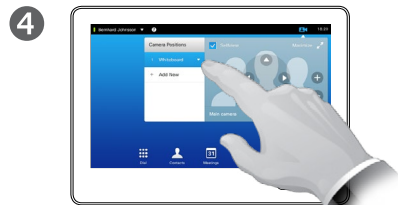
1 Tap **Camera** to see the effects of your camera adjustments.



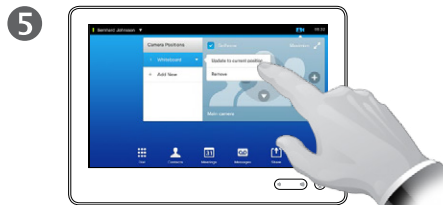
2 Tap **Selfview** to activate it.



3 Adjust **Pan, Tilt and Zoom**, as required.



4 Tap the little arrowhead of the preset to be edited.

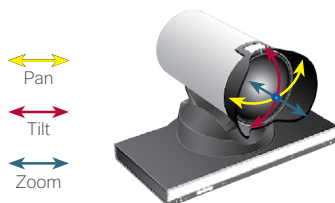


5 Tap **Update to current position** to put your changes into effect.

To delete an existing preset tap **Remove**.



6 Tap anywhere outside the menu to close it.



About Preset Editing

Preset editing is all about taking an existing preset, altering it and then saving it under the same name.

If you want to change the name, we recommend that you delete the preset and create a new one with the preferred name.

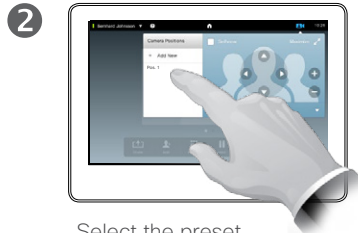


Camera Control Own Camera

Using your camera presets:



In a call (shown here) or outside a call, tap **Camera**.

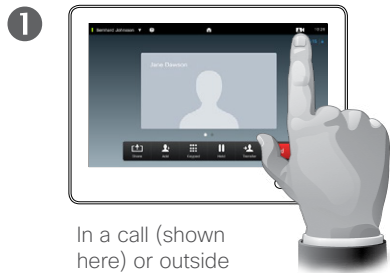


Select the preset to use.



Tap anywhere outside the menu to exit.

Adjusting your camera's pan, tilt and zoom:



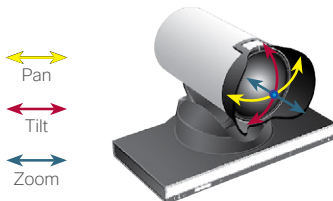
In a call (shown here) or outside a call, tap **Camera**.



Tap **Selfview (a)** and then adjust **Pan, Tilt** and **Zoom (b)**.



Tap anywhere outside the menu to exit.



About Camera control

Existing camera presets can be used right away during a call.

Your video system may have more than one camera, for example one camera showing the participants, while another shows the whiteboard.

If you need to add new or modify existing camera presets, this is done in the same way as you do outside a call—turn to [“Edit Existing Camera Position Preset”](#) on page 45 for details.

As an alternative to adding or editing presets, a simple adjustment of your camera's pan tilt and zoom should also be considered.



Manage Selfview

Outside a call:



Tap **Camera**.



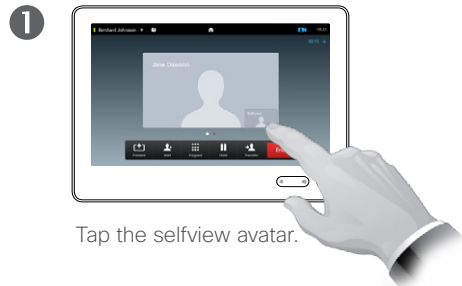
Tap **Selfview** to turn it on.

You may now resize the selfview image (see the following page for more), or control the camera's pan, tilt and zoom (see the previous page for more).

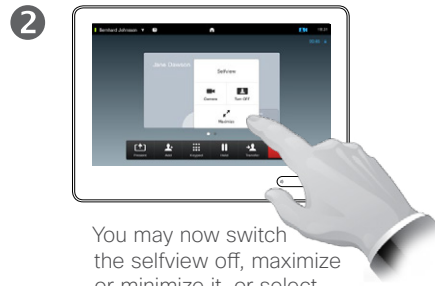


Tap anywhere outside the menu to exit.

In a call:



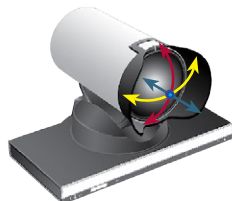
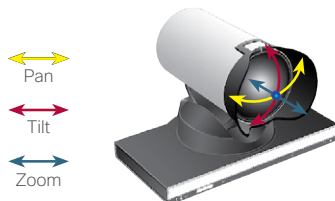
Tap the selfview avatar.



You may now switch the selfview off, maximize or minimize it, or select **Camera** to gain access to the camera control (see the previous page for more on camera control).



Tap anywhere outside the menu to exit.



About Selfview

The 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).

The position of Selfview PiP can be changed if you wish—see [“Move the Selfview PiP” on page 49](#) for details on this.



Resize the Selfview PiP



Tap **Camera**.



Tap **Selfview** to turn it on.



You may now tap **Maximize** to get a full-screen Selfview.

Repeat the process to minimize, or deactivate the selfview by tapping the **Selfview** icon again.

You may also use this to gain access to controlling your own camera.



To exit this menu, putting changes into effect, tap anywhere outside the active menu.



Why Resize the Selfview?

The 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.

You may want to zoom, pan or tilt your camera to provide a better view for the other participant(s). To get a better view, you may want to maximize the selfview.

Move the Selfview PiP



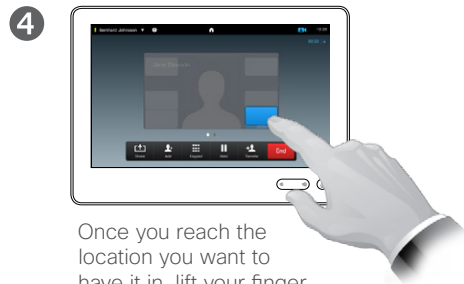
1 Tap **Selfview** in the upper right part of the screen to invoke the selfview, if needed.



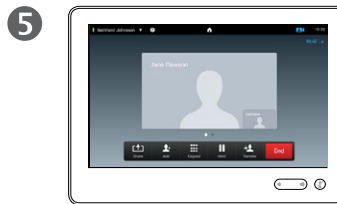
2 Press and hold your finger within the selfview area.



3 As soon as it turns blue drag the selfview to the new location. Possible locations are indicated.



4 Once you reach the location you want to have it in, lift your finger from the touchscreen.



5 The selfview will now assume its new location.

Why Move the Selfview?

The 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 a lecturer in your room remains seen on the screen despite constantly moving around.

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.



Control the Camera of the Other Participant

1



In a call, tap the avatar representing the other participant.

In a video conference with several participants, tap the avatar representing the participant whose camera you want to control.

2



Tap **Camera**.

3

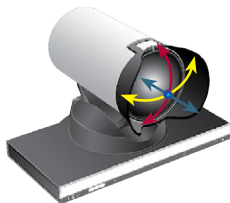


Adjust the camera's pan, zoom and tilt.

4



Tap anywhere outside the menu to exit.



About Camera Control

Within video conferencing the term *far end* is often used to refer to the one you are talking to.

Likewise, the term *near end* is often used to refer to your side of the video meeting.

The ability to control the far end camera requires that the far end system camera is remotely controllable. The feature cannot be applied to systems with a manual camera adjustment.

You will not have access to any presets that may exist on the far end video system.





The video endpoints whose use is described in this guide can be configured via the Touch screen controller or via its web interface. For full access to all configurable parameters the web interface must be used—the Touch pad provides access to a limited set of parameters only.



Settings

D1507604 User Guide
Cisco TelePresence MX200 G2, MX300 G2,
MX700, MX800, SX80
Produced: July 2014 for TC 72
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Gain Access to the Settings



Tap the field in the upper left corner.



Tap **Settings**.



Scroll through the list to locate what you are looking for.

About Settings

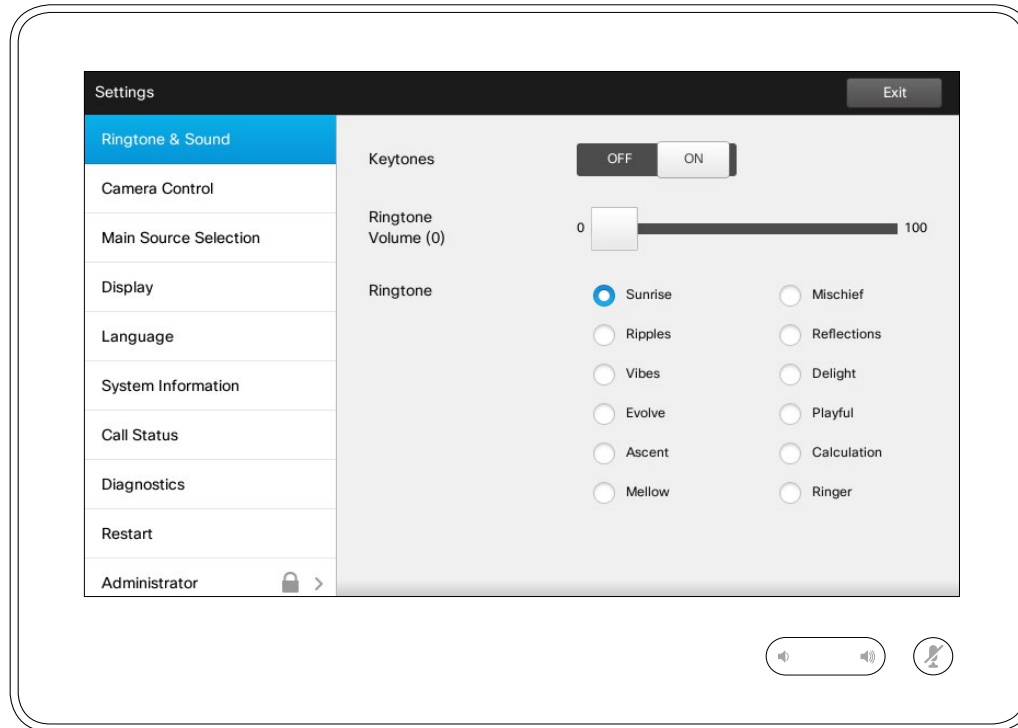
Care must be taken when altering the *Settings* to avoid that the system stops working. If in doubt, contact your video support team.

For security reasons, access to the Administrator Settings may have been password protected by your video support team.

To enter the *Settings*, tap the **Settings** icon in the upper left corner of the touchpad.



Ringtone & Sound



About Ringtone & Sound

The Ringtone & Sound Settings window lets you specify:

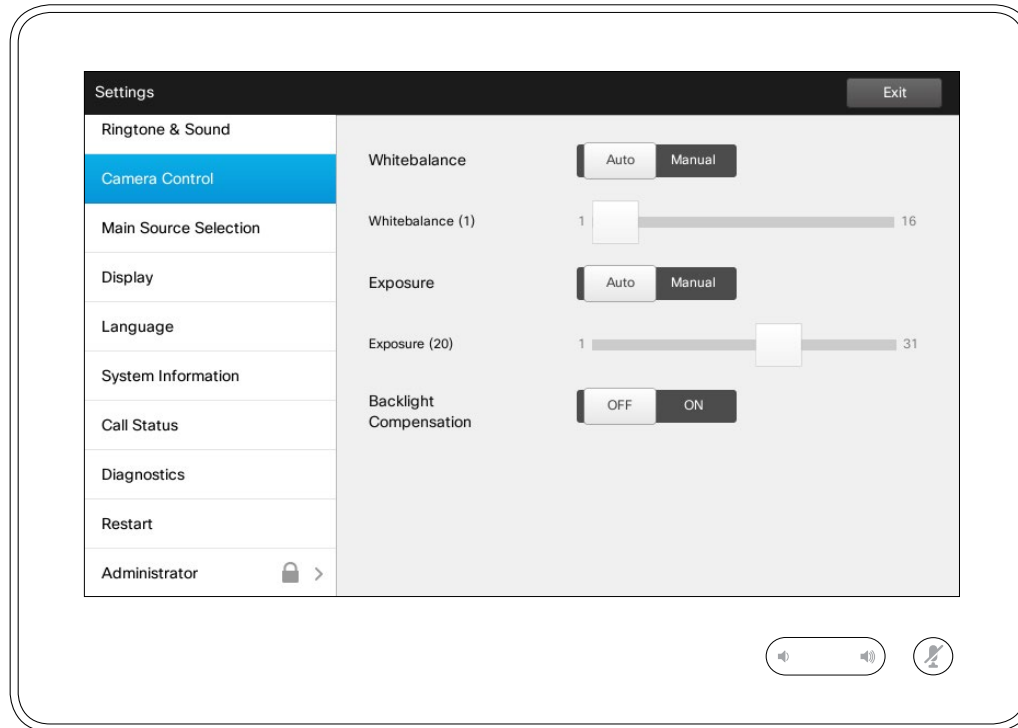
- **Keytones** *On* or *Off*. When set to on you will hear a sound every time you tap a field on the Touch controller.
- **Ringtone volume**. How loud your ringtone shall sound.
- **Ringtone**. Select among several ringtones. You will hear a sample every time you tap a ringtone.

Note how the settings chosen are indicated. In the example shown, **Keytones** is set to *On*.

To exit this menu putting any changes into effect, tap **Exit**. Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



Camera Control



About Camera Control

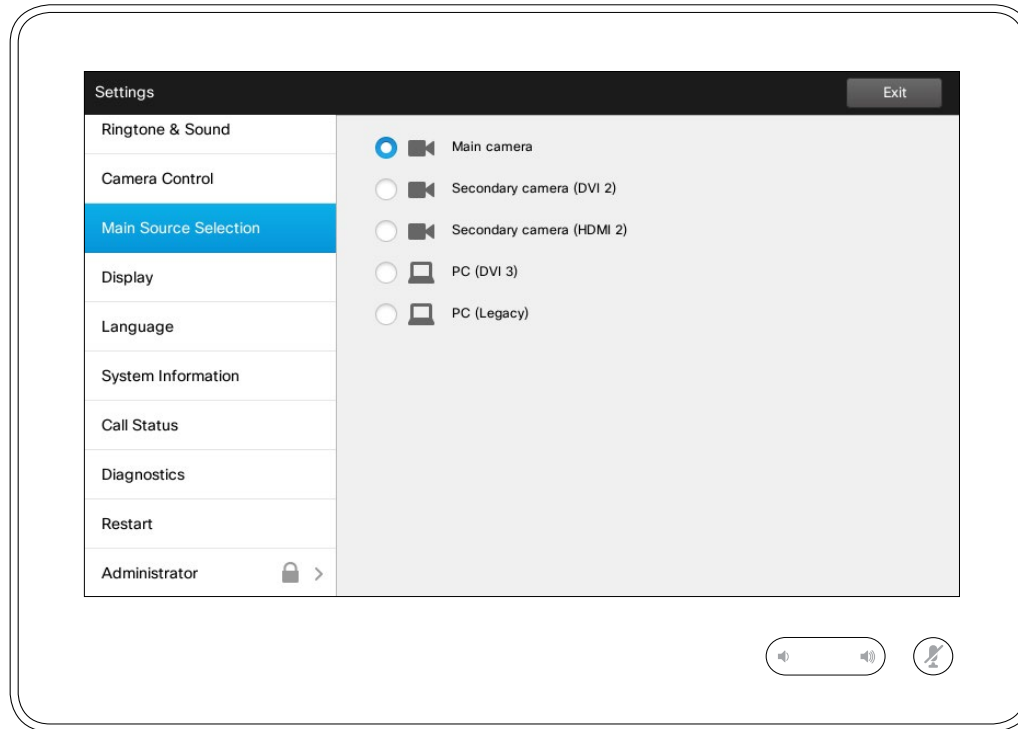
The *Camera Control* window lets you set the whitebalance and exposure of the camera. If you do not want to tweak this yourself, just leave it up to the system by tapping **Auto**.

Backlight compensation comes in handy when there is much light behind you. Without compensation you will easily appear very dark to the far end.

Note how the settings chosen are indicated. In the example shown, *Backlight compensation* is set to *Off*.



Main Source Selection



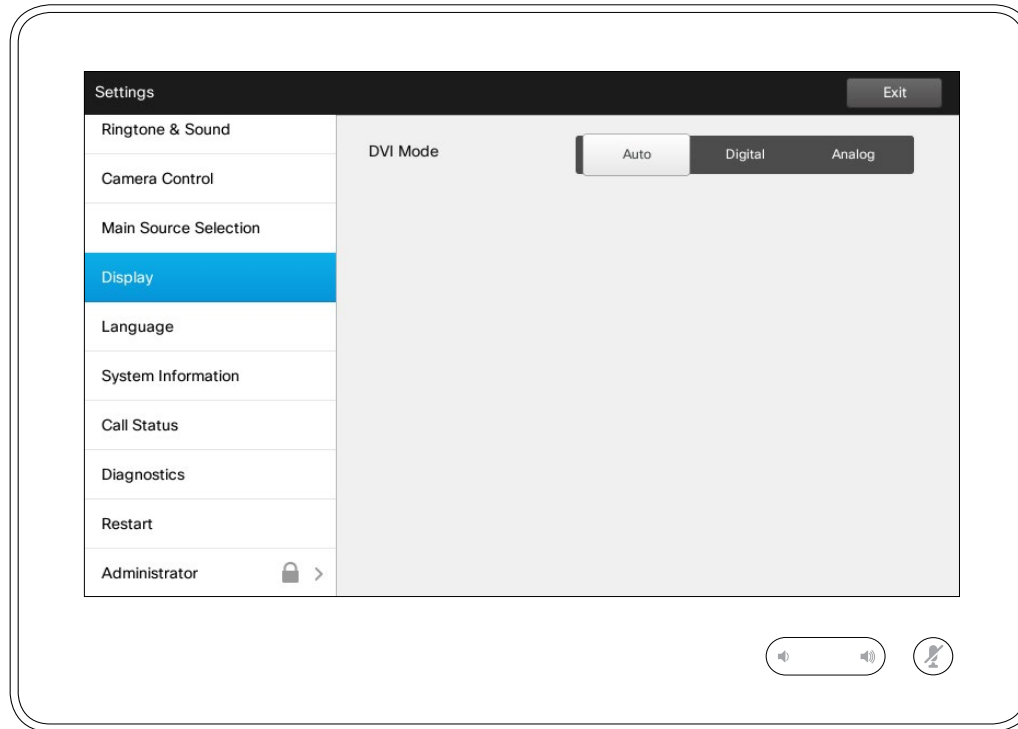
About Source Selection

Select what shall be the main source. You may still choose another when working with the system, but what you specify here will be the default setting.

The options available are system dependent, your system may show more options or less options.



Settings Display



About DVI Mode

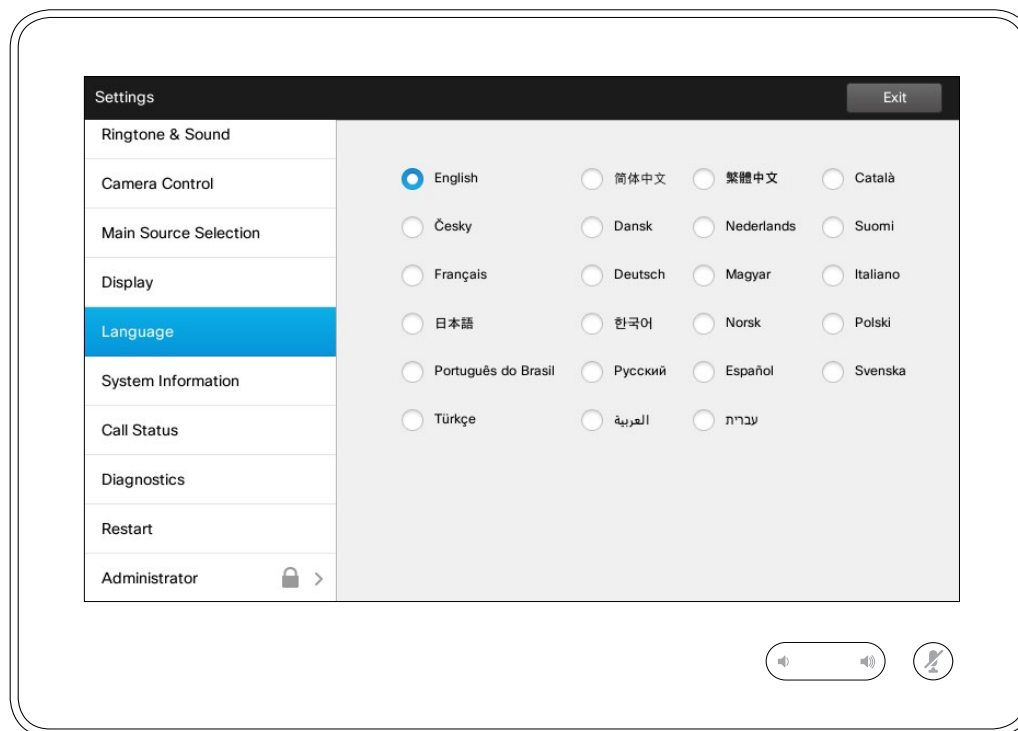
This menu allows you to set the DVI mode to Analog, Digital or Automatic detection.



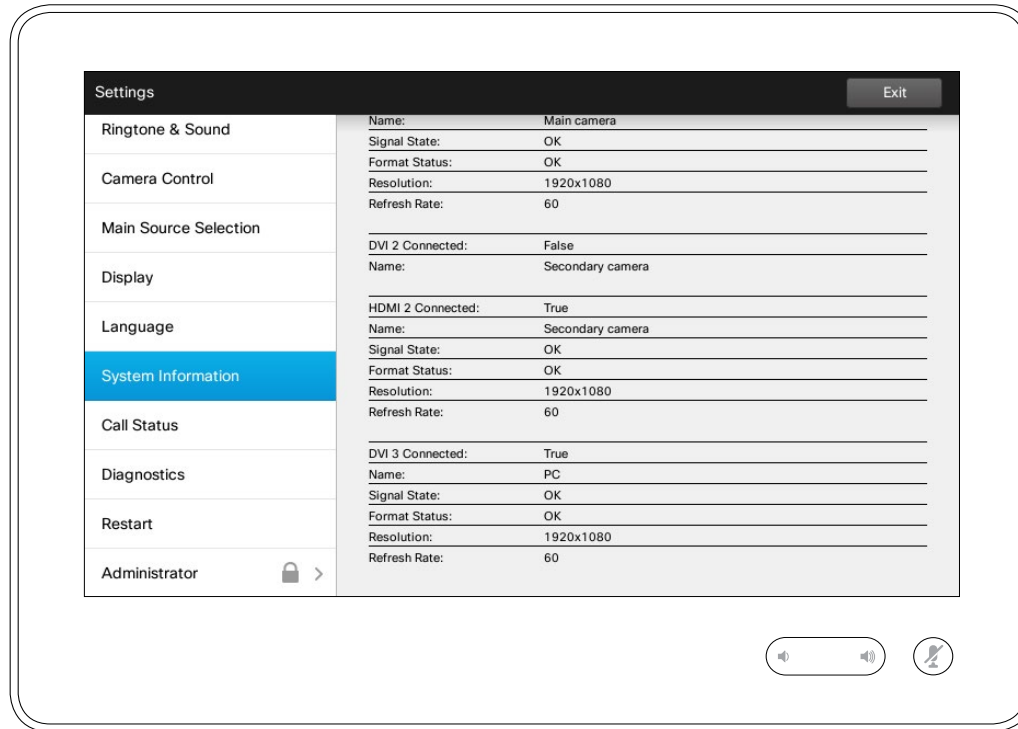
Select Language

About Language Setting

The *Language* page lets you specify the Touch interface menu language.



System Information



About System Information

The *System Information* window contains information on the system's software and hardware versions and connections, SIP and H.323 status etc.

This information is typically what you will be asked by the technical staff to provide in the unlikely event of system malfunction.



Call Status

PARTICIPANT(S)	
URI:	
Call Rate:	n/a
Encryption Type:	n/a
Protocol:	n/a
Encryption Status:	n/a

VIDEO	Transmit	Presentation	Receive	Presentation
Protocol:	n/a	n/a	n/a	n/a
Resolution:	n/a	n/a	n/a	n/a
Frame Rate:	n/a	n/a	n/a	n/a
Channel Rate:	n/a	n/a	n/a	n/a
Total Packet Loss (%):	n/a		n/a	
Current Packet Loss (%):	n/a		n/a	
Jitter:	n/a		n/a	

AUDIO	Transmit	Receive
Protocol:	n/a	n/a
Channel Rate:	n/a	n/a
Total Packet Loss (%):	n/a	n/a
Current Packet Loss (%):	n/a	n/a
Jitter:	n/a	n/a

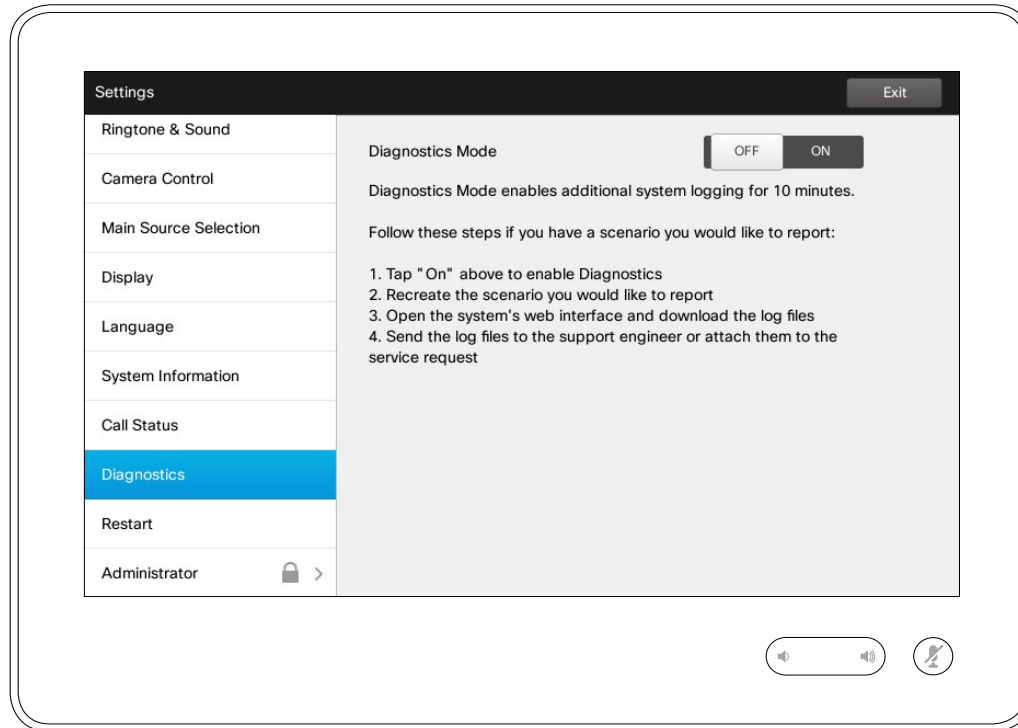
About Call Status

The *Call Status* window provides information on call rate, encryption, as well as important video and audio parameters.

This information is typically what you may be asked by the technical staff to provide in the unlikely event of system malfunction.



Diagnostic Mode



About Diagnostics

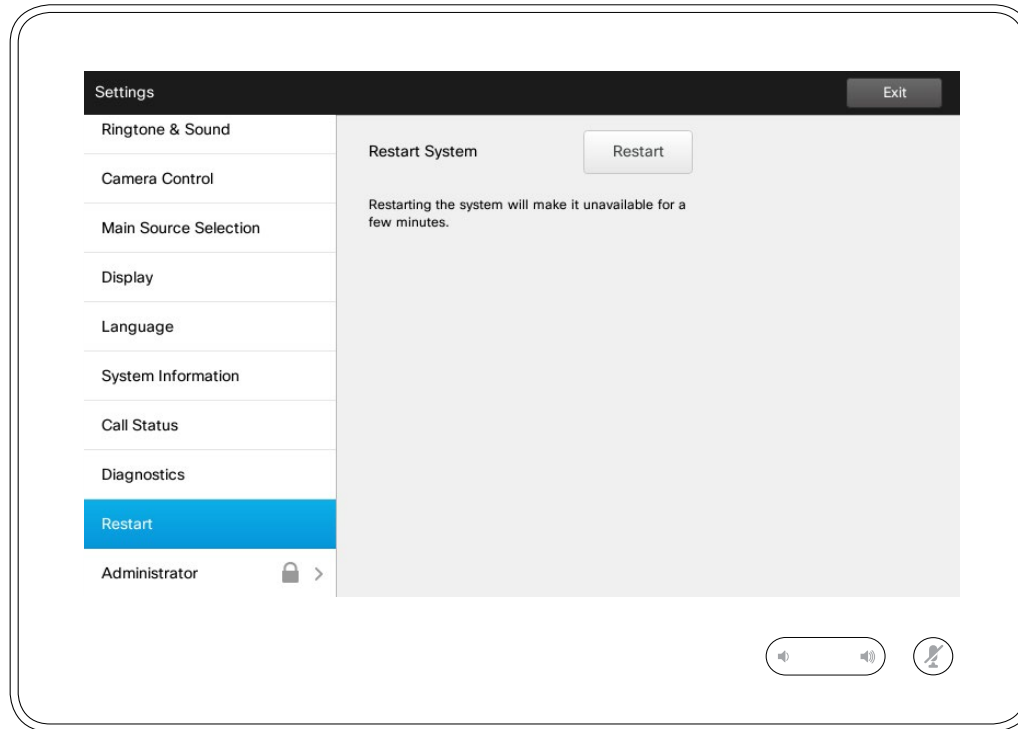
For troubleshooting purposes you may enable additional system logging. Follow the on-screen instructions.

Note that system performance may be influenced by an ongoing system logging.

This information is typically what you may be asked by the technical staff to provide in the unlikely event of system malfunction.



Restart System

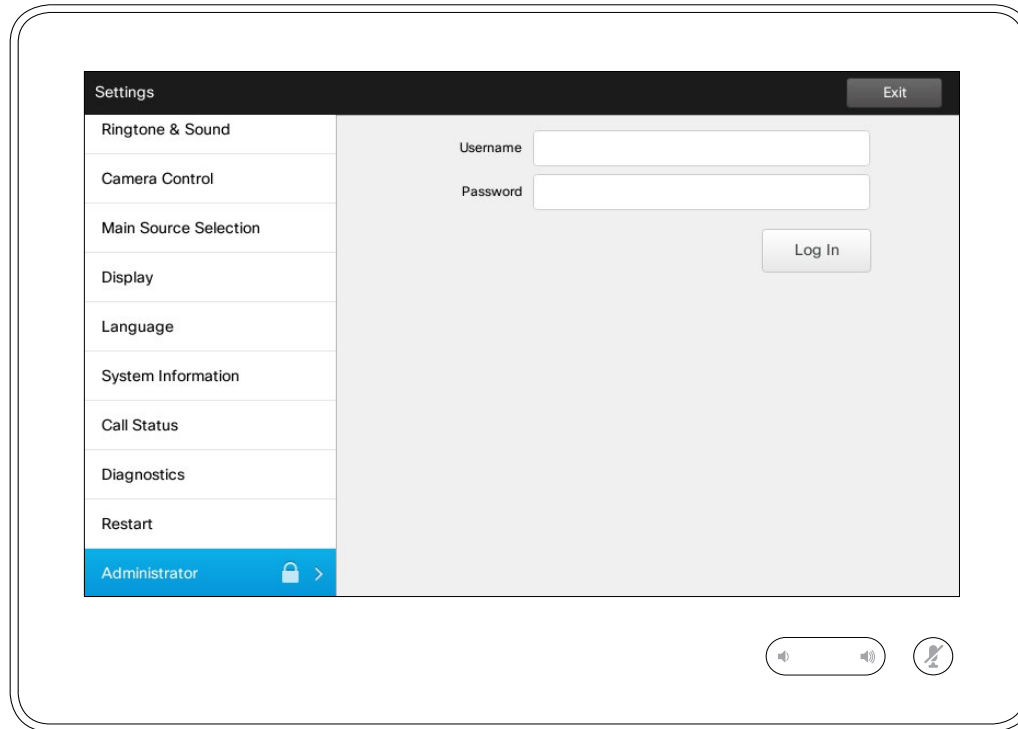


About Restart

Use this to restart your system in an orderly and controlled manner. No settings are lost.



Settings Administrator



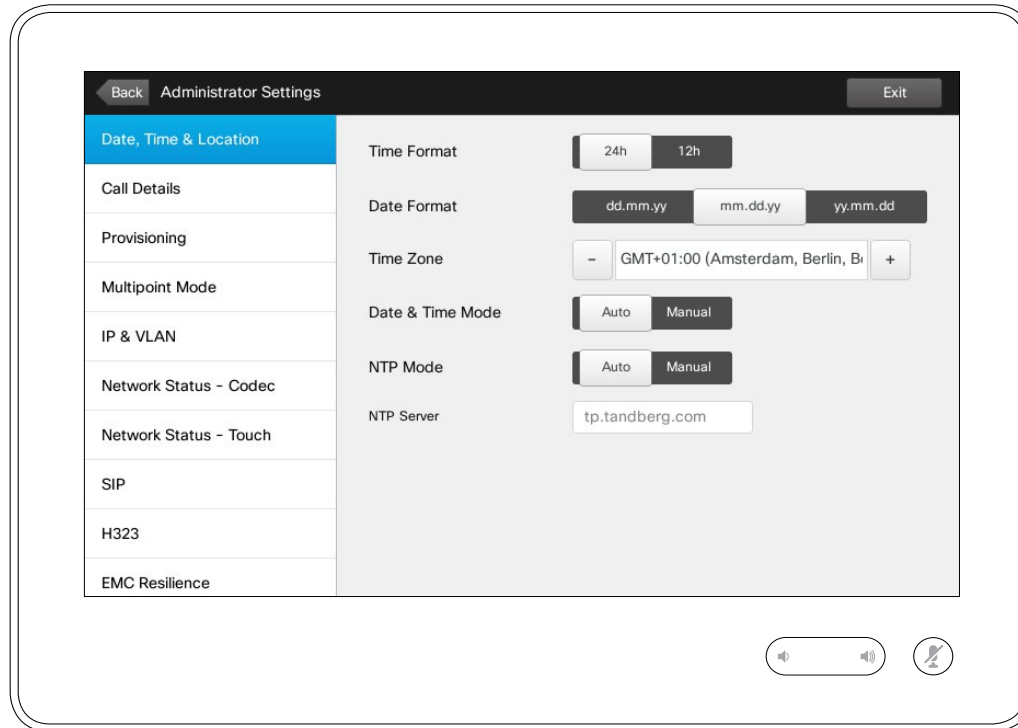
About Administrator

The Administrator settings will normally have been password protected by your video support team.

Enter Username and Password followed by tapping **Log in**.



Administrator Settings—Set Date and Time



About Time Setting

This window lets you specify your preferred date and time formats, as well as the time zone.

If you set the *Date and Time Mode* to *Auto* (as has been done in this example), the system will look for an NTP server and get date and time from there.

If you choose to set *NTP mode* to *Manual* (as has been done in this example), you must specify the NTP server address to make things work.



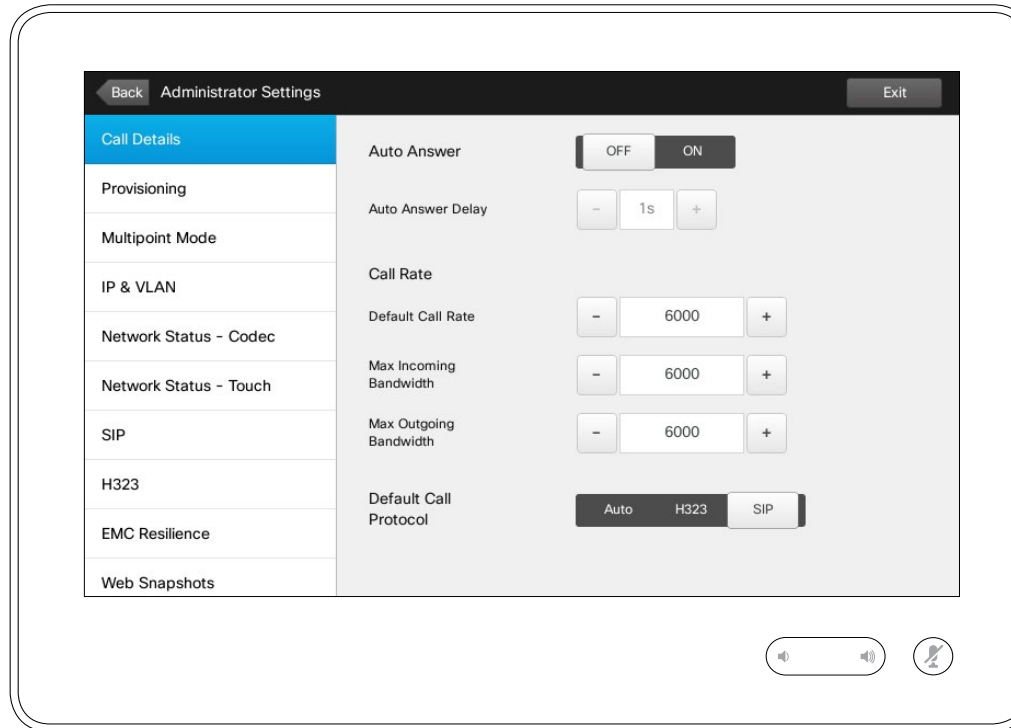
Administrator Settings—Call Details

To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!



About Call Details

If you enable *Auto Answer* the system will respond by itself to incoming calls after a delay specified by you. Note that an activated auto answer may not provide you with the privacy desired. In the example shown here *Auto Answer* is set to *Off*.

On certain occasions you may have to change the bandwidth (and hence the quality) of the call. Some configurations may have different incoming and outgoing bandwidths (typically ADSL connections), and you may specify the default call rate to ensure a stable video quality.

The default protocol may also be specified. In the example shown, the protocol has been set to *SIP*.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



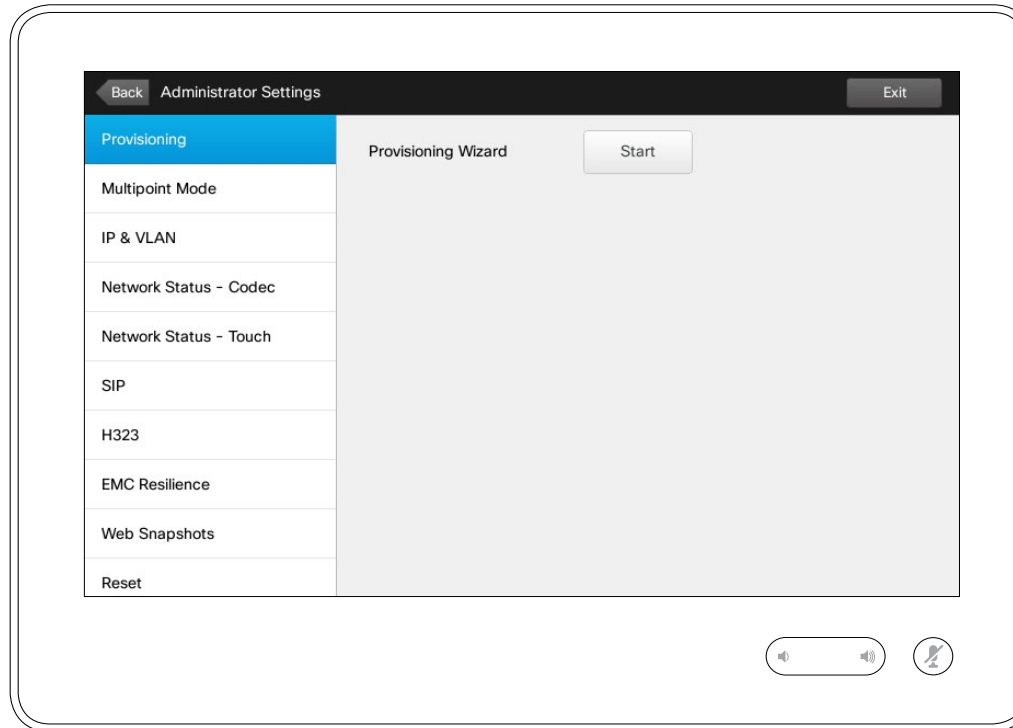
Administrator Settings—Provisioning Wizard

To exit
*Administrator
Settings*, tap
Back.

To exit *Settings*
as such, tap
Exit.

Note that there
is no *Cancel*
function letting
you exit the
menu undoing
any changes you
have made.

Take care!



About the Wizard

There is a *Provisioning Wizard* available to get your system online. Tap **Start** and follow the on-screen instructions.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



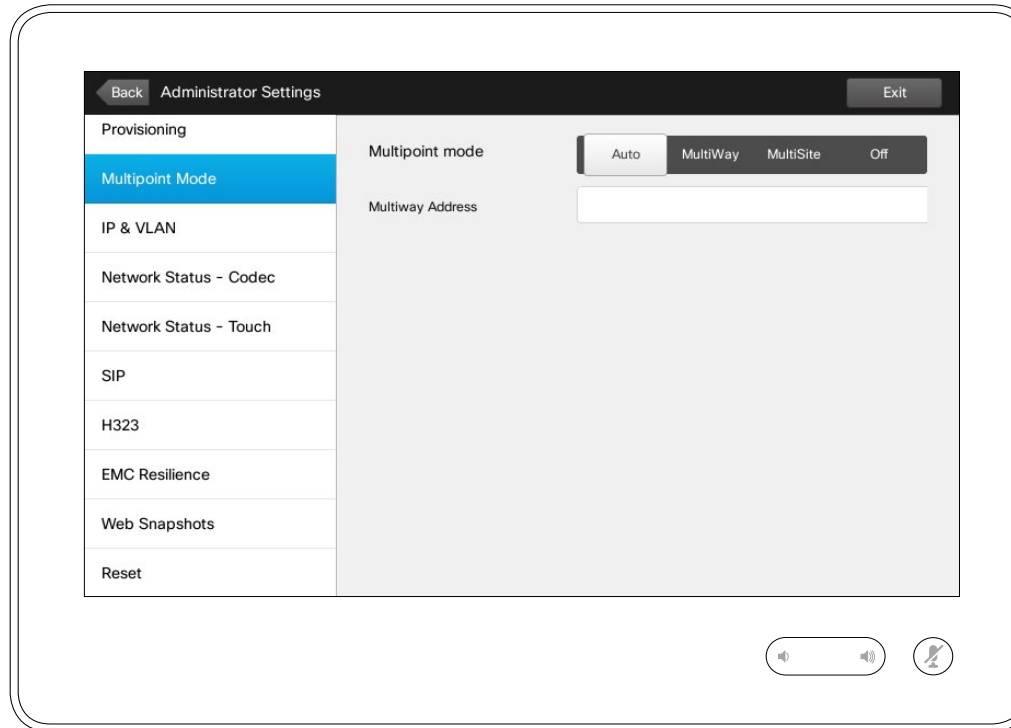
Administrator Settings—Multipoint Mode

To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!



About Multipoint

There are basically two modes of video conferencing; viz. MultiWay and MultiSite.

- To enable MultiWay, a MultiWay address must have been entered.
- If a MultiWay address has been specified and MultiWay is selected, MultiWay will always be used for video conferencing.
- If a MultiWay address has been specified, but MultiSite is selected, MultiSite will be used.
- If set to *Auto*, MultiWay will be used if a MultiWay address has been specified, otherwise MultiSite will be used.
- If set to *Off*, no video conferencing will be possible.
- Any use of the MultiSite feature requires the presence of the MultiSite option.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



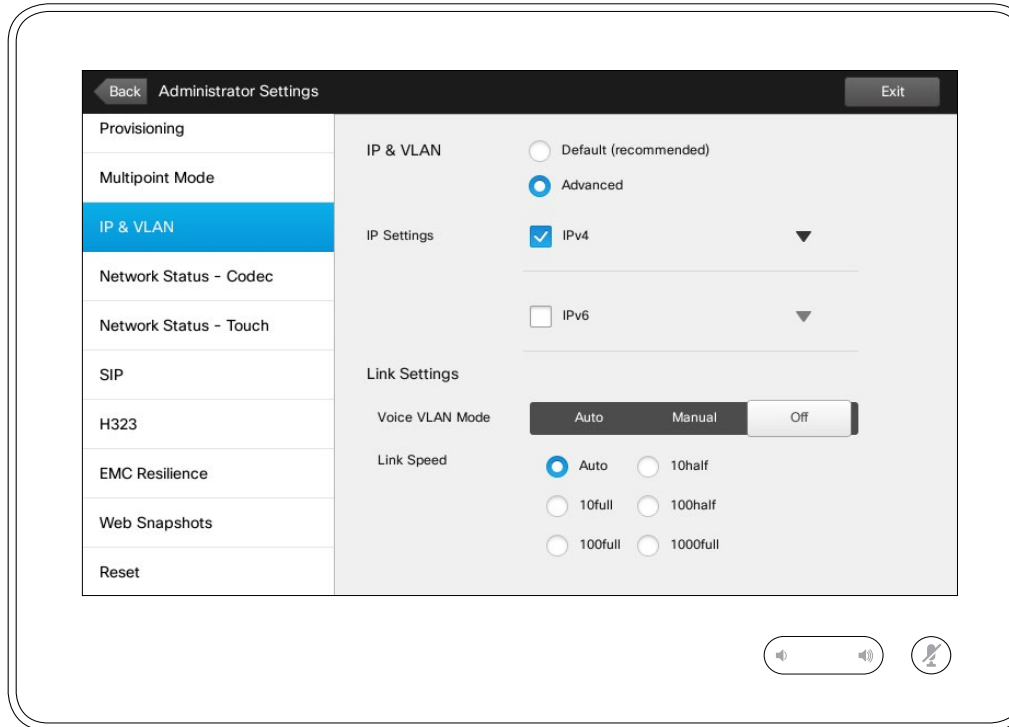
Administrator Settings—IP & VLAN

To exit
*Administrator
Settings*, tap
Back.

To exit *Settings*
as such, tap
Exit.

Note that there
is no *Cancel*
function letting
you exit the
menu undoing
any changes you
have made.

Take care!



About IP Settings

You may specify whether to use IPv4 or IPv6 and whether to use static IP address or DHCP.

When set to *Static*, applicable addresses must be set accordingly.

To change these from default values, tap **Advanced** (not shown).

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



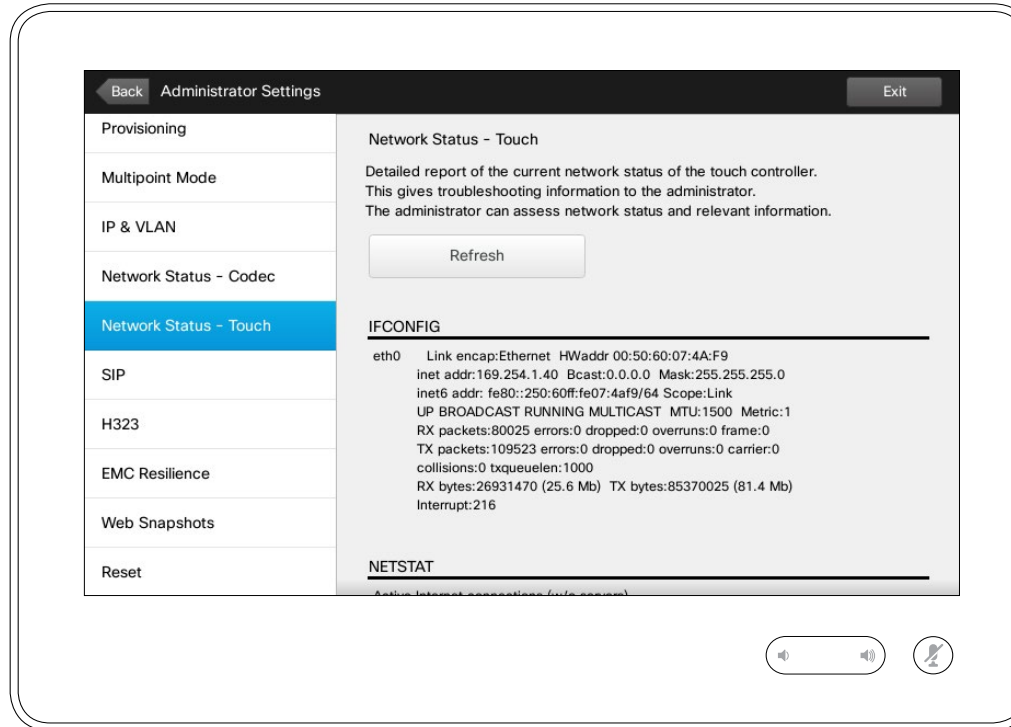
Administrator Settings—Network Status Touch

To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!



About Network Status

This is designed to provide your video support team with information about the current network status of the Touch Controller in the unlikely case of system malfunction.



Administrator Settings—SIP

To exit
*Administrator
Settings*, tap
Back.

To exit *Settings*
as such, tap
Exit.

Note that there
is no *Cancel*
function letting
you exit the
menu undoing
any changes you
have made.

Take care!

Administrator Settings		Exit
Provisioning	URI	7038181@itvm.tandberg.com
Multipoint Mode	Default Transport	TCP UDP TLS Auto
IP & VLAN	Proxy Type	- Standard +
Network Status - Codec	Proxy Discovery	Auto Manual
Network Status - Touch	Proxy Address	vcs-1.qa.rd.tandberg.com
SIP	Login Name	
H323	Password	***
EMC Resilience		
Web Snapshots		
Reset		

About SIP Settings

Use this page to set up SIP.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



Administrator Settings—H323

To exit
*Administrator
Settings*, tap
Back.

To exit *Settings*
as such, tap
Exit.

Note that there
is no *Cancel*
function letting
you exit the
menu undoing
any changes you
have made.

Take care!

Setting	Value
H323 Number	5037218
H323 Id	5037218@itvm.tandberg.com
Gatekeeper Discovery	Auto
Gatekeeper Address	
Authentication Mode	OFF
Login Name	
Password	

About H323 Settings

Use this page to set up H323.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



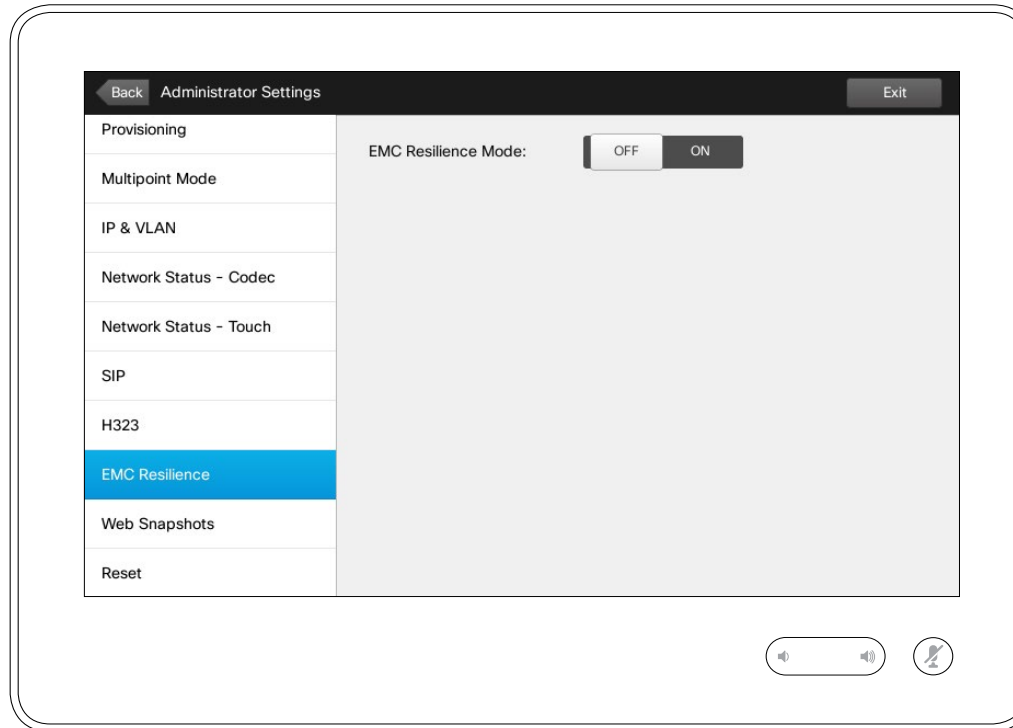
Administrator Settings—EMC Resilience Mode

To exit
*Administrator
Settings*, tap
Back.

To exit *Settings*
as such, tap
Exit.

Note that there
is no *Cancel*
function letting
you exit the
menu undoing
any changes you
have made.

Take care!



About EMC Resilience

If the Touch controller is used in environments with considerable amounts of electromagnetic noise present, you may experience an appearance of false signals—as if someone tapped the Touch controller when obviously nobody did so.

To cope with this you may set the *EMC Resilience Mode* to *On*. You must then press and hold for a little while, rather than just tap, in order to make the system aware of your tapping. This will prevent the appearance of spurious signals.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



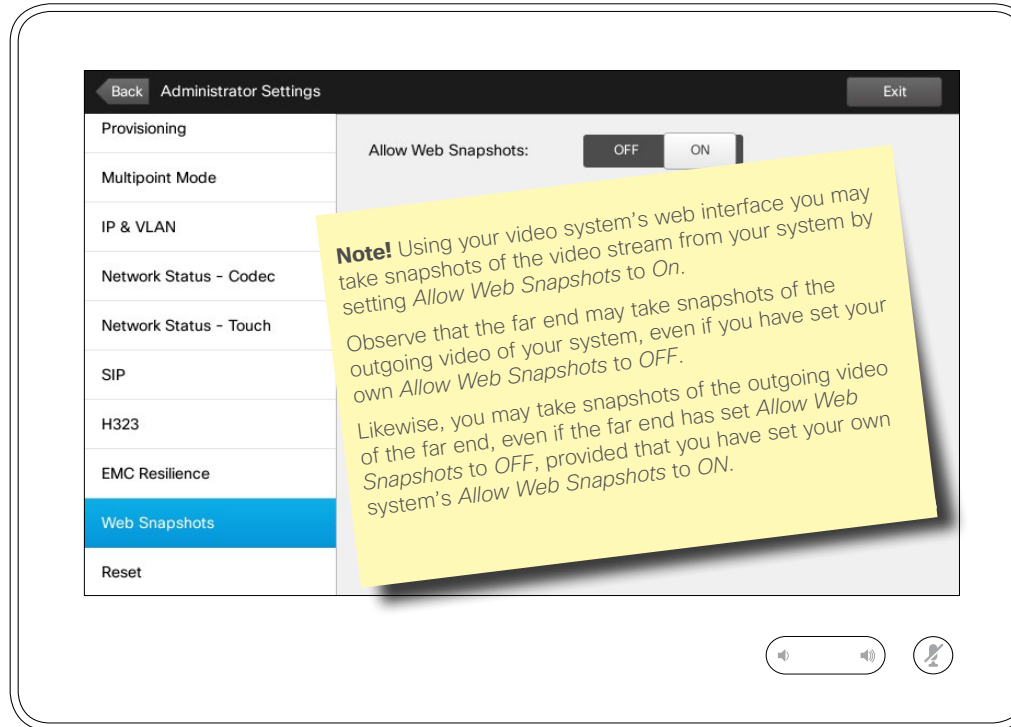
Administrator Settings—Web Snapshots

To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!



About Snapshots

You may gain access to your video system through its web interface, see the Administration Guide for more.

From the web interface you may generate snapshots of the video stream from your system. You may also generate snapshots from the outgoing video of the far end system.

However, you cannot take snapshots unless you have set the *Allow Web Snapshots* to *ON*, as shown here.

Snapshots cannot be taken if the call is encrypted. Encryption will disable the snapshot feature at both ends, regardless of the local settings of the *Allow Web Snapshots* parameter.

The web snapshot feature applies to Point-to-Point as well as MultiSite calls (but to unencrypted calls only).

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!



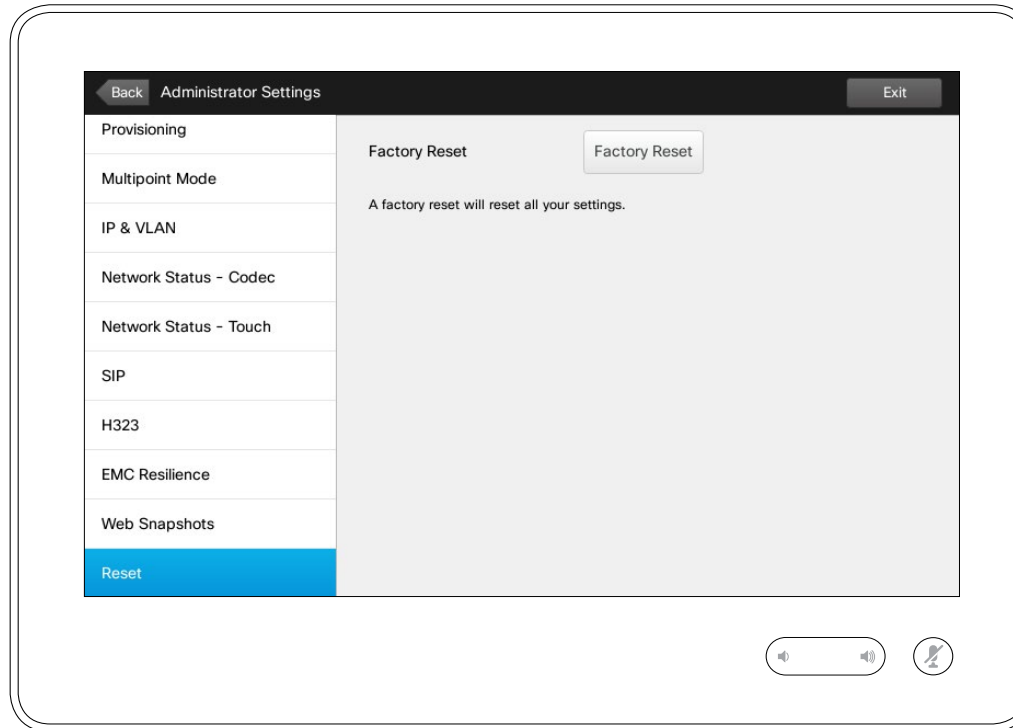
Administrator Settings—Factory Reset

To exit *Administrator Settings*, tap **Back**.

To exit *Settings* as such, tap **Exit**.

Note that there is no *Cancel* function letting you exit the menu undoing any changes you have made.

Take care!



About Factory Reset

You may want to perform a *Factory Reset* your video system. Note that you will lose all configurations, the call history and your local list of contacts (Favorites and Recents). Release keys and options installed will be retained.

Caution! There is no *Cancel* function letting you exit the menu undoing any changes you have made. Take care!





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