



Using Avaya Room System C100 Series

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Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir

le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

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Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

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This product meets the applicable Innovation, Science and Economic Development Canada technical specifications.

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To comply with the FCC RF exposure compliance requirements, this device and its antenna must not be co-located or operating to conjunction with any other antenna or transmitter.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interferences that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 8 in or 20 cm between the

radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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This device when installed complies with the essential requirements and other relevant provisions of the EMC Directive 2014/30/EU, Safety LV Directive 2014/35/EU, and Radio Equipment Directive 2014/53/EU. A copy of the Declaration may be obtained from <https://support.avaya.com> or Avaya LLC, 350 Mt. Kemble Avenue, Morristown, NJ 07960 USA.

WiFi transmitter

- Frequencies for 2412-2472 MHz, transmit power: 18 dBm
- Frequencies for 5180-5240 MHz, transmit power: 17 dBm



Warning:

This equipment is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference.

General Safety Warning

Use only the Avaya approved Limited Power Source power supplies specified for this product.

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Chapter 1: Introduction

Purpose

This document describes the main characteristics and capabilities of Avaya Room System C130, Avaya Room System C170, and Avaya Room System C190, including feature descriptions, interoperability, physical layout specifications, and basic setup tasks. It is intended for end users who want to gain a high-level understanding of the Avaya Room System C100 Series functions and capacities and use its features.

Change history

Release	Issue	Date	Summary of changes
1.2.1	4	February 2026	Added details on enabling and disabling camera output during a conference call at Managing an MCU conference call on page 26.
			Added details on disabling the camera when idle or by default when joining a conference call at Adjusting video settings on page 35.
			Added recording file details at Managing call recording on page 38.
1.2	3	July 2025	Added the LDAP search description at Searching for contacts in the address book on page 24.
			Added the details on the Avaya Room System C190 model without the Wi-Fi capability at Avaya Room System C190 overview on page 15.
			Added the details on the remote control range at Remote control on page 21.
			Added in-built microphone range limitations at Avaya Room System C170 overview on page 12.
			Updated indicator status details for Avaya Room System C130 at Indicator status on page 20.

Table continues...

Release	Issue	Date	Summary of changes
			<p>Added the list of supported languages for the Avaya Room System C100 Series UI at Supported languages on page 17.</p> <p>Added links to video tutorials at:</p> <ul style="list-style-type: none"> • Avaya Room System C100 Series overview on page 9 • Avaya Room System C130 overview on page 10 • Avaya Room System C170 overview on page 12 • Avaya Room System C190 overview on page 15
1.1	2	December 2024	<p>Added the following introductory concept topics:</p> <ul style="list-style-type: none"> • Basic codec operations on page 19 • Call functionality overview on page 24 • Call setup overview on page 34 <p>Minor consistency updates throughout the document.</p>
	1	September 2024	First released version of the document.

Chapter 2: Overview

Avaya Room System C100 Series overview

The Avaya Room System C100 Series provides a range of models to meet your video collaboration and in-room conferencing needs. Each model supports:

- SIP/H.323.
- H.265.
- MCU capability.
- Pan, tilt, and zoom (PTZ) camera movements.
- Dual monitors.
- Ethernet, Wi-Fi, HDMI, and USB connection options.

Model	Room configuration	Built-in camera	Video resolution	Microphones
Avaya Room System C130	Huddle or medium room	4K UHD PTZ with 5x digital zoom, 121° diagonal field of view (FOV), 110° horizontal FOV, and 74° vertical FOV	4K	Four built-in directional microphones with a speaker
Avaya Room System C170	Medium or large room	4K UHD PTZ with 12x digital zoom and 72° horizontal FOV	4KP30 2048Kbps Ultra HD	Dual built-in microphones or external microphones
Avaya Room System C190	<ul style="list-style-type: none">• With Avaya Room Camera RC212 or Avaya Room Camera RC220: medium or large room• With Avaya Room Camera RC240: 4K room experience	None	4KP30 2048Kbps Ultra HD	Up to four external microphones

Related links

[Introduction to Avaya Room System C100 Series](#)

Avaya Room System C130 overview

Designed specifically for corporate meetings, the Avaya Room System C130 integrated video conferencing unit, or codec, delivers high-quality images and sound reproduction, ensuring excellent remote meeting experiences with clear audiovisual transmission. Avaya Room System C130 is suitable for applications such as cloud conferencing and remote healthcare. Avaya Room System C130 helps businesses enhance meeting efficiency and productivity.

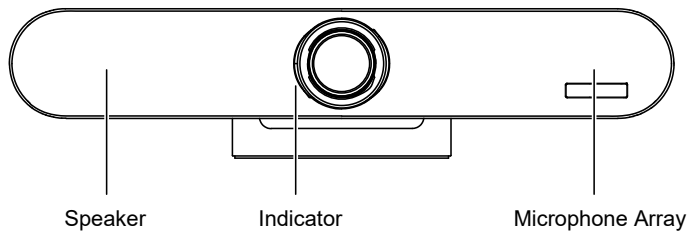


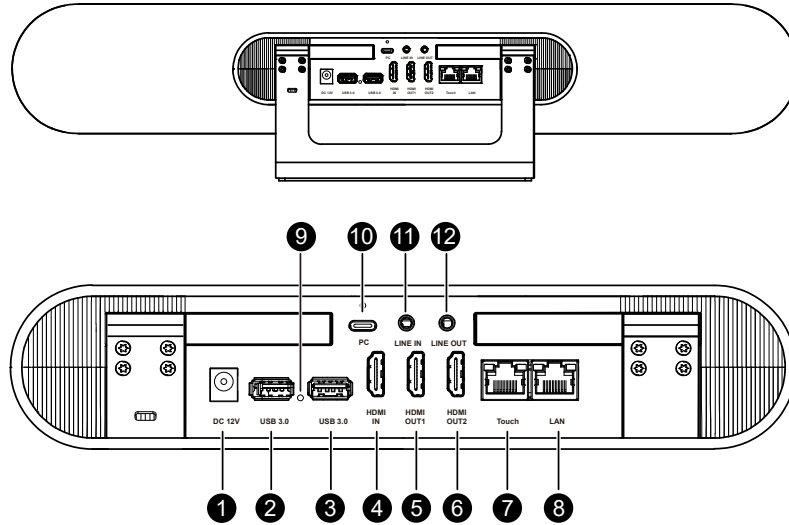
Related links

[Setting up Avaya Room System C130](#)

Avaya Room System C130 physical layout

The following images and table give an overview of the physical layout of the Avaya Room System C130. The labels on the devices that you purchased might slightly differ, but the port function remains the same.





Number	Name	Description
1.	DC 12V	Power interface.
2.	USB 3.0	USB 3.0 Type-A interface: to connect to an external USB drive, mouse, keyboard, and Avaya Room Microphone Speaker RA63.
3.	USB 3.0	USB 3.0 Type-A interface: to connect to an external USB drive, mouse, keyboard, and Avaya Room Microphone Speaker RA63.
4.	HDMI IN	HDMI IN interface: to connect to a computer for sharing a presentation.
5.	HDMI OUT1	HDMI OUT1 interface: to connect to an external HDTV or other display devices or support audio output.
6.	HDMI OUT2	HDMI OUT2 interface: to connect to an external HDTV or other display devices or support audio output.
7.	Touch/DMIC	To connect to a digital microphone. The digital microphone supports cascading.
8.	LAN	To connect to an Ethernet network or power the codec using PoE.
9.	RESET	<p>Reset button:</p> <ul style="list-style-type: none"> To retain the current software version when resetting in a powered and idle state, press and hold the Reset button until the codec displays the start-up logo. Release the button to boot up the device. To restore the factory-installed software version in a powered off state, press and hold the Reset button and then power on the codec. Release the button after the primary HDMI output displays <i>Installing System Update</i>.

Table continues...

Number	Name	Description
10.	PC	To connect to a computer using USB-C. The computer detects the codec as a media device.
11.	LINE IN	3.5 mm audio input interface.
12.	LINE OUT	3.5 mm audio output interface.

Avaya Room System C170 overview

The Avaya Room System C170 integrated 4K UHD video conference unit, or codec, is equipped with an 8.42 million-pixel CMOS sensor chip. It delivers smooth 4K30 video, supports 4K30 + 4K30 dual-stream capabilities, and has a 12X optical zoom lens. Avaya Room System C170 is suitable for various online conferences, including internal and external corporate meetings, administrative meetings, and meetings for command centers.

Avaya Room System C170 has two built-in microphones that you can use for capturing audio within the range of 3 meters in small conference rooms. For medium and large conference rooms, Avaya recommends that you use Avaya Room Microphone RM61 or Avaya Room Microphone Speaker RA63.

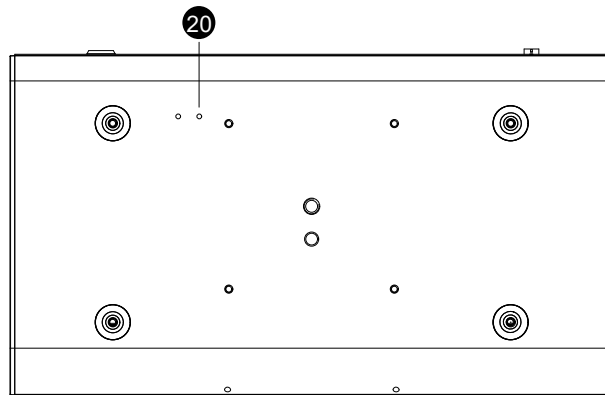
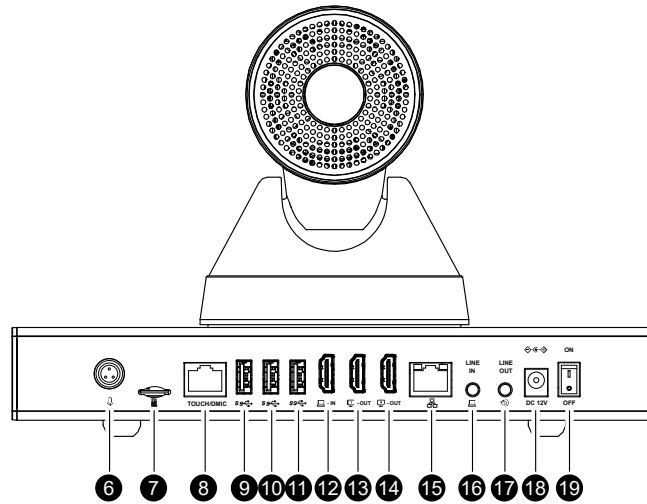
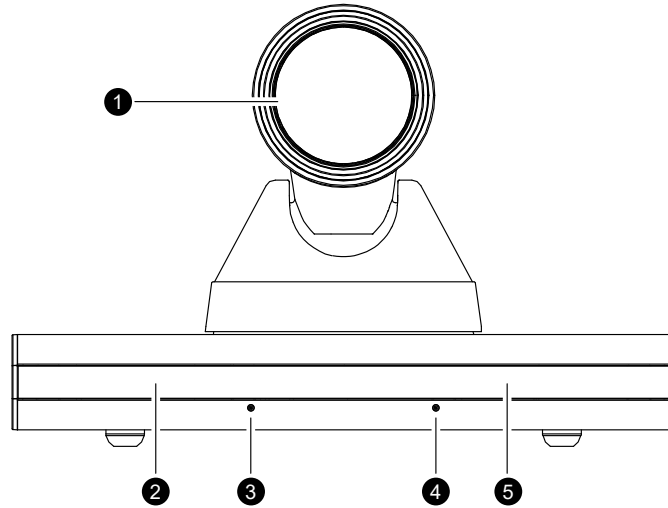


Related links

[Setting up Avaya Room System C170](#)

Avaya Room System C170 physical layout

The following images and table give an overview of the physical layout of the Avaya Room System C170. The labels on the devices that you purchased might slightly differ, but the port function remains the same.



Number	Name	Description
1.	Camera	Built-in camera.

Table continues...

Number	Name	Description
2.	Indicator	Status indicator.
3.	Microphone	Built-in microphone 1.
4.	Microphone	Built-in microphone 2.
5.	IR window	IR receiving window.
6.	MIC IN	MIC IN interface: to connect to an external microphone to receive audio.
7.	MicroSD card slot	Not supported.
8.	Touch/DMIC	To connect to a digital microphone. The digital microphone supports cascading.
9.	USB 3.0	USB 3.0 interface: to connect to an external USB drive, mouse, keyboard, or Avaya Room Microphone Speaker RA63.
10.	USB 3.0	USB 3.0 interface: to connect to an external USB drive, mouse, keyboard, or Avaya Room Microphone Speaker RA63.
11.	USB 3.0	USB 3.0 interface: to connect to an external USB drive, mouse, keyboard, or Avaya Room Microphone Speaker RA63.
12.	HDMI IN	HDMI IN interface: to connect to an external HD camera or computer.
13.	HDMI OUT1	HDMI OUT1 interface: to connect to an external HDTV or other display devices.
14.	HDMI OUT2	HDMI OUT2 interface: to connect to an external HDTV or other display devices.
15.	LAN	To connect to an Ethernet network.
16.	LINE IN	3.5 mm audio input interface.
17.	LINE OUT	3.5 mm audio output interface.
18.	DC 12V	Power interface.
19.	ON/OFF	Power switch.
20.	RESET	<p>Reset button:</p> <ul style="list-style-type: none"> To retain the current software version when resetting in a powered and idle state, press and hold the Reset button until the codec displays the start-up logo. Release the button to boot up the device. To restore the factory-installed software version in a powered off state, press and hold the Reset button and then power on the codec. Release the button after the primary HDMI output displays <i>Installing System Update</i>.

Avaya Room System C190 overview

The Avaya Room System C190 4K UHD video conferencing unit, or codec, supports dual 4K@30fps streams, delivering an excellent meeting experience to users. It accommodates various devices for medium to large-sized rooms, featuring three video inputs, two outputs, and three audio inputs and outputs. Avaya Room System C190 is suitable for various online conferences, including internal and external corporate meetings, town hall meetings with remote participants, board meetings, and meetings for distance education and command centers.

Avaya also provides a Avaya Room System C190 model without the Wi-Fi capability. This codec model has no Wi-Fi module and is marked as "C190 w/o RF" on the bottom label. The Wi-Fi settings are unavailable on the GUI menu and in the web interface.

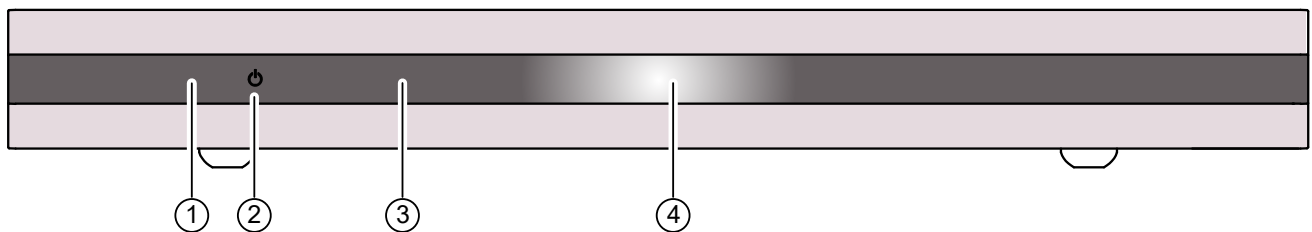


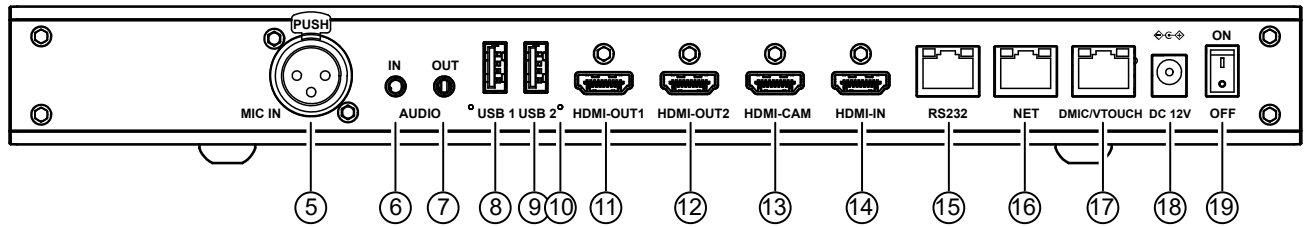
Related links

[Setting up Avaya Room System C190](#)

Avaya Room System C190 physical layout

The following images and table give an overview of the physical layout of the Avaya Room System C190. The labels on the devices that you purchased might slightly differ, but the port function remains the same.





Number	Name	Description
1.	Indicator	Status indicator.
2.	Standby button	Standby touch button.
3.	OLED display	Displays the codec IP address.
4.	IR window	IR receiving window.
5.	MIC IN	To connect to an external microphone to receive audio.
6.	AUDIO IN	3.5 mm audio input interface.
7.	AUDIO OUT	3.5 mm audio output interface.
8.	USB 1	USB interface: to connect to an external USB drive, mouse, keyboard, or Avaya Room Microphone Speaker RA63.
9.	USB 2	USB interface: to connect to an external USB drive, mouse, keyboard, or Avaya Room Microphone Speaker RA63.
10.	RESET	<p>Reset button:</p> <ul style="list-style-type: none"> To retain the current software version when resetting in a powered and idle state, press and hold the Reset button until the codec displays the start-up logo. Release the button to boot up the device. To restore the factory-installed software version in a powered off state, press and hold the Reset button and then power on the codec. Release the button after the primary HDMI output displays <i>Installing System Update</i>. <p>Account and network settings are not preserved when performing a factory reset using the Reset button.</p>
11.	HDMI-OUT1	HDMI OUT1 interface: to connect to an external HDTV or other display devices.
12.	HDMI-OUT2	HDMI OUT2 interface: to connect to an external HDTV or other display devices.
13.	HDMI-CAM	Primary HDMI input: to connect to an external HD camera or computer. By default, you use the primary HDMI input to connect to an external camera.
14.	HDMI-IN	Secondary HDMI input: to connect to an external HD camera or computer. By default, you use the secondary HDMI input to connect to a presentation device such as a laptop.

Table continues...

Number	Name	Description
15.	RS232	<ul style="list-style-type: none"> To connect to an external HD camera to control it or pass through the infrared signals. To connect to external control devices to control the codec.
16.	NET	To connect to an Ethernet network.
17.	DMIC/TOUCH	To connect to a digital microphone. The digital microphone supports cascading.
18.	DC 12V	Power interface.
19.	ON/OFF	Power switch.

Supported languages

Avaya Room System C100 Series supports the localization of the GUI menu and web interface for all codec and camera models.

An administrator can select the preferred language from the menu and web interface before configuring the device. For the web interface, language selection is also available before logging in to the menu.

The Avaya Room System C100 Series UI is localized to the following languages:

- English (US)
- French
- German
- Italian
- Korean
- Portuguese (Brazil)
- Simplified Chinese
- Spanish
- Traditional Chinese
- Turkish

Package list

The room system package includes the following components:

Overview

Component name	Avaya Room System C130	Avaya Room System C170	Avaya Room System C190
Codec	1	1	1
Power adapter	1	1	1
Remote control	1	1	1
HDMI cable	1 (1.5 m)	1 (3 m)	2 (3 m)
Wall-mounting bracket with screws	1	1	0
TV-mounting brackets with screws	1: The mounting kit contains two TV-mounting brackets and an L-shaped codec-mounting bracket.	0	0
Important Notice Document	1	1	1

Chapter 3: Getting started

Basic codec operations

After the administrator installs and configures the codec, you can power it on using the adapter supplied with the device. You can power Avaya Room System C130 using PoE or plug the power adapter into a power outlet. You can power Avaya Room System C170 and Avaya Room System C190 by plugging the power adapter and turning on the power switch.

Before using codec capabilities, study the state descriptions for the status indicator on the front panel at [Indicator status](#) on page 20. The status indicator helps to check if the codec operation is normal and detect potential issues. To access codec features more easily, study remote control button functions and shortcuts at [Remote control](#) on page 21.

If you are not actively using the codec, you can put it into Standby mode. If there is an issue and the codec is stuck at a certain operation, you can power off and restart it. For more information about codec troubleshooting, see [Installing and Administering Avaya Room System C100 Series](#).

Powering on Avaya Room System C130

About this task

For optimal performance, you must check the power adapter and its function when connecting and powering on Avaya Room System C130.

Before you begin

Ensure that you use the power adapter from the codec package and that the power source is accessible.

Procedure

1. Connect all necessary devices to the corresponding ports on the codec, including HDMI OUT1.
2. Connect the power adapter to the power jack at the back of the codec.
3. **(Optional)** To use PoE as the power source, connect the codec to your network.
4. Plug the other end of the power adapter into a power outlet.

The codec displays the main menu display interface on the device connected to HDMI OUT1.

Powering on Avaya Room System C170 and Avaya Room System C190

About this task

For optimal performance, you must check the power adapter and its function when connecting and powering on the Avaya Room System C100 Series.

Before you begin

Ensure that you use the power adapter that comes with the codec and that the power source is accessible.

Procedure

1. Connect all necessary devices to the corresponding ports on the codec, including HDMI OUT1.
2. Connect the power adapter to the power jack located on the back of the codec.
3. Plug the other end of the power adapter into a power outlet.
4. Turn on the power switch after connecting the power adapter.

The codec displays the main menu display interface on the device connected to HDMI OUT1.

Indicator status

The following table shows the indicator statuses of the Avaya Room System C100 Series codec:

State	Avaya Room System C130	Avaya Room System C170	Avaya Room System C190
Power on process	Red indicator flashing	Red indicator flashing	Red indicator flashing
Network cable disconnected	Red indicator flashing If a USB Type-C cable is connected to a computer, the blue indicator is steady	Red indicator flashing	Red indicator flashing
Standby mode or power connected	Red indicator steady	Red indicator steady	Red indicator steady
Powered off by remote control	Off	Off	Green indicator steady
Receiving infrared signal	Blue indicator steady	Blue indicator flashing	Green indicator flashing
Idle	Blue indicator steady	Blue indicator steady	Green indicator steady

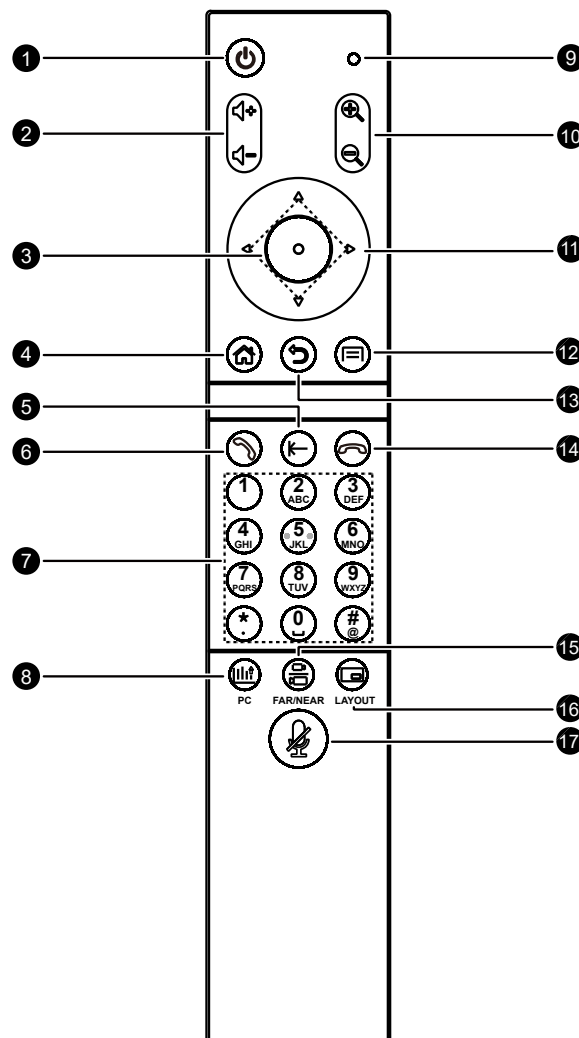
Table continues...

State	Avaya Room System C130	Avaya Room System C170	Avaya Room System C190
Call operations	Blue indicator steady	Blue indicator steady	Green indicator steady
Power disconnected	Off	Off	Off

Remote control

All codec models support a remote control unit. You can use the remote control within the range of 15 meters from the device. You must use it by either directly pointing at the codec or at a horizontal or vertical angle of up to 15°. To increase the remote control range, you can use a third-party IR repeater.

The following image and table show and describe the remote control buttons and their function:



Number	Name	Description
1.	Power button	Use to go into Standby mode, restart the codec or lock the screen.
2.	Volume +/- button	Use to adjust the volume level.
3.	OK button	Use to confirm selection.
4.	Home button	Use to go to the main menu.
5.	Delete button	Use to delete entered characters.
6.	Call button	Use to start a call, join a conference, or go to the Meeting menu.
7.	Character buttons	Use to enter numbers, letters, or characters.
8.	PC button	Use to manage presentation from the connected media source such as a laptop.
9.	IR indicator	Flashes when you press a remote control button.
10.	Zoom +/- button	Use to zoom in or out a built-in or connected external camera.
11.	Arrow buttons	Use to navigate in the GUI menu.
12.	Menu button	Use to open a submenu.
13.	Back button	Use to return to the previous menu.
14.	End Call button	Use to end a two-party call or leave a conference call.
15.	Far/Near button	<ul style="list-style-type: none"> • Short-press to switch between local connected and far-end cameras. • For Avaya Room System C130, long-press to manage AI tracking mode for the built-in camera.
16.	Layout button	Use to change the screen layout during an active call.
17.	Mute button	Use to turn on or off codec audio.

Remote control shortcuts

The following table lists the remote control shortcut combinations and provides their description. When using the remote control shortcuts, press the buttons sequentially in the order described in the table.

Shortcut keys	Function
End Call + 1 or End Call + 2	Switch the output resolution of HDMI OUT1 and HDMI OUT2.
Delete + buttons 1–9	Call PTZ presets.
* # 1/2	On C130 and C170, switch the main video source: built-in camera or HDMI.
* # 1/2/3/4	On C190, switch the main video source: HDMI 1, HDMI 2, Camera Compose (a combination of HDMI 1 and HDMI 2), or USB.
ZOOM +/-	Enter PTZ control mode.
ZOOM +/- + any button other than an arrow button	Exit PTZ control mode.

Powering off and restarting the codec

About this task

On the Power Control page, you can turn off the codec. Alternatively, you can unplug the Ethernet cable from Avaya Room System C130. For Avaya Room System C170 and Avaya Room System C190, you can unplug the power cable or use the power switch on the back panel.

From the Power Control page, you can also restart the codec if there is an error or you need to apply the configured updates.

Procedure

1. On the web interface navigation menu, go to **Control > Power Control**.
2. On the Power Control page, do one of the following:
 - To turn off the codec, click **Power Off**.
 - To restart the codec, click **Restart**.
3. In the confirmation dialog box, click **Yes**.

Going into Standby mode

About this task

The codec automatically goes into Standby mode after a certain period of inactivity. The administrator configures the Standby mode timer from the Settings menu. Before the Standby mode timer elapses, you can manually go into Standby mode if you are not actively using the codec. When the codec is in Standby mode, the LED indicator is red and steady.

Procedure

1. On the web interface navigation menu, go to **Control > Power Control**.
2. On the Power Control page, click **Standby/Resume**.
3. In the confirmation dialog box, click **Yes**.

Chapter 4: Call operations

Call functionality overview

You can perform call operations from the codec GUI menu and web interface. The number of operations you can perform from the GUI menu is limited, and the functionality is more basic than the web interface options.

You can access the GUI menu by connecting a display to the HDMI output of the codec and pressing the **Menu** button on the remote control. You can perform the following call operations from the Meeting submenu of the GUI menu:

- Searching for enterprise and local contacts
- Making and answering calls
- Managing conference calls
- Managing contacts in the address book

You can access the web interface by entering the codec IP address in the Google Chrome browser. You can perform the following call operations from the Place A Call web interface menu:

- Making and answering calls
- Managing call history
- Managing contacts in the address book
- Managing contact groups
- Importing and exporting an address book

Call operations from the GUI menu

Searching for contacts in the address book

About this task

If the LDAP Directory feature is enabled, you can search for enterprise contacts along with locally saved contacts. You can dial an enterprise contact or add it to local contacts. You can also search for enterprise and local contacts to get the maximum number of results. The codec web UI administrator enables and configures the LDAP functionality.

If the LDAP Directory feature is disabled, you can view, edit, and dial only locally saved contacts. You can also add more local contacts to extend your address book.

Procedure

1. On the GUI menu Home screen, select **Meeting**.
2. On the Meeting menu, go to the **Address Book** tab.
3. Do one of the following:
 - If the LDAP Directory feature is disabled, in the search bar at the top of the Address Book page, type your query to search for locally saved contacts.
 - If the LDAP Directory feature is enabled, in the search bar at the top of the Enterprise Contacts subtab, type your query to search for enterprise contacts.
 - If the LDAP Directory feature is enabled, select the **Local Contacts** subtab, and in the top search bar, type your query to search for local contacts.

The search results update as you type your query.

4. **(Optional)** To search for enterprise and local contacts, at the top of the Address Book page, enable the **Search all** switch.

The search results appear under the corresponding Enterprise Contacts and Local Contacts sections.

Making a call

About this task

From the GUI menu, you can make a call by doing the following:

- Dialing a phone number or IP address
- Selecting a call history entry or a contact from the address book

Before you begin

Ensure that you have a registered SIP or H.323 account. You can create a SIP and H.323 account from the Settings menu.

Procedure

1. On the Meeting menu, do one of the following:
 - At the top of the Join Meeting tab, in the entry field, enter the phone number or IP address to call.
 - On the Join Meeting tab, select an entry from the Call History list.
 - Go to the **Address Book** tab, search and select the contact to call.
2. If you dialed the number or IP address from the Join Meeting tab, navigate to the side call options and select the protocol and call rate to use when calling.
3. To start the call, select the **Call** icon.
4. To end the call, press the **End Call** button on the remote control.
5. On the confirmation window, select **Out of the conference**.

Answering a call

About this task

By default, for an incoming call, the codec rings and you can see the Incoming Call window with the caller name or IP address, SIP or H.323 domain, and the options to accept the call. The caller name is displayed only if the contact is saved in the address book.

You can join the call only with audio or establish an audio and video call. You can also mute your audio before joining. If the Auto Answer feature is enabled, all incoming calls are automatically answered and you do not need to accept them.

Procedure

On the Incoming Call window, select one of the following options:

- The **Video** icon: To accept the call and join with audio and video.
- The **Microphone** icon: To accept the call and join only with audio.
- The **End Call** icon: To reject the incoming call.

Managing an MCU conference call

About this task

With an MCU license, you can use the codec as the conferencing unit and manage conference calls from the GUI menu. You can create a conference by establishing a two-party call and then adding more participants from the codec Conference menu. You can access conferencing options by pressing the **Menu** button on the remote control during a conference call.

From the Conference menu, you can add or remove participants, select the conference mode, mute codec and participant audio, disable or enable the camera, and send a presentation from the connected video source. You can also view the list of participants and general call information.

You can join a conference call in the following ways:

- By accepting an incoming call from the codec. The conference host adds participants during an active conference call.
- By directly calling the codec with an installed MCU license using the codec IP address or registered SIP or H.323 account.


Before you begin

Ensure that you have done the following:

- Purchased an MCU license from Avaya. For more information about purchasing the MCU license, contact Avaya Support.
- Joined or started a conference call from the Meeting menu.
- Connected a video source for presentation sharing, such as a computer or HD camera, if you want to send a presentation to the conference call participants.

Procedure

1. During a conference call, press the **Menu** button on the remote control.

2. On the conference menu, select .

3. To view and manage the list of current call participants, select **Participant List**.

At the bottom of the Conference Control window, you can see the list of call participants, mute their incoming and outgoing audio, assign a presenter role for Speaker mode, or drop them from the call.


4. To mute the codec audio during the conference call, select **Mute**.


5. To adjust the conference call mode, select **Meeting Mode** and select one of the following options:

- **Speaker Mode:** Assign a presenter role to a calling party from the participant list, and the codec identifies it as the primary audio and video source. All other participants can hear its audio and view the presentation but cannot talk to each other.
- **Discussion Mode:** All conference participants can hear and talk to each other.


6. To add more participants to the conference call, select **Add Participant**, and on the Add Participant window, enter the participant number or select a local contact and select **Confirm**.


You can also add participants to a conference call by calling them directly from the GUI or web interface menu.

7. To send a presentation from the connected video source, return to the conference menu and select .


8. To set the conference video layout for call participants, on the conference call menu, select  and select the layout for the appropriate output and mode.

You can select the video layout for local and remote call participants and for Presentation mode. You can also set the layout separately for HDMI 1 and 2 outputs.

9. To disable or enable the video output from the camera, select .

10. To view the call information, return to the conference call menu and select .

On the Call Status window, you can see the following details for each calling party: phone number, connection type, encryption details, general call bandwidth, audio, video, and network information. You can select **Next** at the top of the window to view call details for the next calling party.

11. To end the conference call, on the conference call menu, select , and on the confirmation window, select **Out of the conference**.


Adding a contact to the address book

About this task

You can add a contact to the address book and determine the protocol and call rate to use when calling. When the saved contact calls you, you can see their name and phone number on the Incoming Call window.

If the LDAP Directory feature is enabled, you can also add existing enterprise contacts to the local address book to access them if you lose connection to the LDAP database. The codec web UI administrator enables and configures the LDAP functionality.

Procedure

1. On the Meeting menu, go to the **Address Book** tab.
2. Do one of the following:
 - If the LDAP Directory feature is enabled, go to the **Local Contacts** subtab and select **Add Contact**.
 - If the LDAP Directory feature is disabled, at the top of the Address Book tab, select **Add Contact**.
3. **(Optional)** If the LDAP Directory feature is enabled, to add an existing enterprise contact, on the Enterprise Contacts subtab, select  next to the contact.
4. On the Add to Local Contacts window, in the **Name** field, enter the contact name.
5. In the **Number** field, enter the contact phone number.
6. From the **Protocol** list, select the protocol to use when calling.
7. From the **Rate** list, select the call rate.
8. To save the contact details, select **Confirm**.

Editing a contact

About this task

From the Address Book tab, you can edit a contact to update their name, phone number, protocol, and call rate.

Procedure

1. On the Meeting menu, go to the **Address Book** tab.
2. Do one of the following:
 - If the LDAP Directory feature is enabled, go to the **Local Contacts** subtab and select **Edit**.
 - If the LDAP Directory feature is disabled, at the top of the Address Book tab, select **Edit**.
3. Go to the contact to update.
4. In the contact row, select the **Edit** icon.
5. On the Add to Local Contacts window, update the contact details.
6. To save the updates, select **Confirm**.

Deleting a contact

About this task

You can delete a contact that you are no longer using to clean up the address book for new contacts. When deleting a contact, you permanently remove the contact information, and you cannot restore it later.

Procedure

1. On the Meeting menu, go to the **Address Book** tab.
 - If the LDAP Directory feature is enabled, go to the **Local Contacts** subtab and select **Edit**.
 - If the LDAP Directory feature is disabled, at the top of the Address Book tab, select **Edit**.
2. Go to the contact to delete.
3. In the contact row, select the **Delete** icon.
4. In the confirmation dialog box, select **Confirm**.

Call operations from the web interface

Making a call

About this task

From the web interface, you can make a call by dialing a phone number or IP address using the top entry field or dial pad. You can also determine the call rate and protocol before making a call.

Before you begin

Ensure that you have a registered SIP or H.323 account. The administrator can create a SIP and H.323 account from the Settings menu.

Procedure

1. On the web interface navigation menu, click **Place A Call**.
2. On the Place A Call menu, do one of the following:
 - In the entry field at the top of the page, type a phone number or an IP address.
 - Click **DTMF**, and enter the phone number in the dial pad.
3. Click **Options**.
4. For the **Rate** setting, select the call rate.
5. For the **Protocol** setting, select the protocol to use when calling.
6. Click **Place A Call**.

Viewing call history

About this task

From the Place A Call page, you can view all call history entries or type a keyword and view only the entries containing it. The most recent entries are displayed at the top of the call history list.

Procedure

1. To view all call history entries, at the top of the Place A Call page, click **All**.
2. To view the call history entries containing a keyword, in the top entry field, type the keyword and click **Match**.

For example, you can type the name of a caller to view all calls with them.

Deleting a call history entry

About this task

You can delete a call history entry to clean up the list and remove the information about a particular call. The web interface instantly removes the deleted entry from the call history list and does not display a confirmation dialog box. You cannot restore a deleted entry.

Procedure

1. On the Place A Call page, click the call history entry to delete.
2. For the selected entry, click **More** and then click **Delete Record**.

The web interface removes the deleted entry from the call history list.

Deleting all call history entries

About this task

You can delete all call history entries from the web interface to clear the entire call history list. When deleting entries, you permanently remove all call information and you cannot restore it later.

Procedure

1. At the top of the Place A Call page, click **Delete All**.
2. In the confirmation dialog box, click **Yes**.

Adding a contact to the address book

About this task

You can add a contact to the address book and determine the protocol and call rate to use when calling. You can also assign a contact to a contact group to manage your contacts more efficiently. When the saved contact calls you, you can see their name and phone number or IP address on the Incoming Call window.

Procedure

1. At the top of the Address Book menu, select **Local**.

2. Click the **Add Contact** icon.
3. In the side pane, from the **Groups** list, select the contact group.
4. In the **Name** field, type the contact name.
5. In the **Address** field, type the contact phone number or IP address.
6. For the **Protocol** setting, select the protocol to use when calling.
7. For the **Rate** setting, select the call rate.
8. To save the contact details, click **OK**.

Editing a contact from the address book

About this task

From the web interface, you can edit a contact that you added to the address book to update their name, phone number or IP address, group, protocol, and call rate.

Procedure

1. On the Address Book menu, select the contact to edit.
2. In the Edit Avenue side pane, update the contact details.
3. Click **Save**.

Deleting a contact from the address book

About this task

You can delete a contact that you are no longer using to clean up the address book for new contacts. When deleting a contact, you permanently remove the contact information, and you cannot restore it later.

Procedure

1. On the Address Book menu, select the contact to delete.
2. In the Edit Avenue side pane, click **Delete**.
3. In the confirmation dialog box, click **Yes**.

Deleting all contacts from the address book

About this task

You can delete all contacts from the web interface to clear the entire address book. For example, you can delete all contacts before importing a new address book. When deleting contacts, you permanently remove all contact information and you cannot restore it later.

Procedure


1. At the top of the Address Book menu, click the **Delete** icon.
2. In the confirmation dialog box, click **Yes**.

Adding a contact group

About this task

You can add a contact group to create different call categories and manage your contacts more efficiently. The added groups are available for selection when adding and editing contacts. When the contact with an assigned group calls you, you can see the group name on the Incoming Call window.

Procedure


1. On the Address Book menu, below the search bar, click .
2. On the Groups window, click **Add**.
3. In the entry field, type the contact group name.
4. Click **Save**.

Editing a contact group

About this task

You can update the contact group name if the group members changed or you want to use this group for a different purpose. The updates are automatically applied in the group list when adding or editing contacts and in the contact configuration.

Procedure


1. On the Address Book menu, below the search bar, click .
2. On the Groups window, for the group to update, click **Edit**.
3. Update the contact group name.
4. Click **Save**.

Deleting a contact group

About this task

You can delete a contact group that you are no longer using to clean up the group list. The web interface instantly removes the deleted group from the group list and does not display a confirmation dialog box. You cannot restore a deleted group.

Procedure

1. On the Address Book menu, below the search bar, click .
2. On the Groups window, for the group to delete, click **Delete**.

The web interface removes the deleted group from the group list.

Importing an address book

About this task

In the web interface, you can import an address book in an `.xml` file to add multiple contacts at once. You can import a maximum of 200 contacts.

Procedure

1. At the top of the Address Book menu, click the **Import** icon.
2. In the confirmation dialog box, click **Yes**.
3. In the file explorer, navigate to the folder with the import file and select it.

Exporting an address book

About this task

You can export an address book from the web interface to import it later to another codec. When exporting, the web interface generates an `.xml` file with the contact information that you need to save and use for later import.

Procedure

1. At the top of the Address Book menu, click the **Export** icon.
2. In the confirmation dialog box, click **Yes**.

The web interface generates the import file and saves it to your `Downloads` folder.

Chapter 5: Call setup

Call setup overview

During a call, you can set up various parameters to enhance audio and video quality and manage your calls more efficiently. You can access call parameters from the Control menu of the codec web interface.

You can manage the following call parameters from the Control menu:

- Audio settings, including muting your input and output and managing the volume level.
- Video settings, including pan and tilt configuration and video frame presets. For Avaya Room System C130 and Avaya Room System C170, you can adjust advanced video settings, such as contrast, brightness, aperture mode, backlight, and other settings.
- Video source and layout: you can select a video source for the main video input and a layout for the video received from the HDMI 1 and 2 inputs.
- Presentation settings: you can enable Presentation mode and preview a presentation.
- Conference settings: you can select the host to manage conference call options and participants. The host can access the conference menu from the GUI menu during a conference call. You can also enable the blocking of all incoming and outgoing conference calls for the codec.
- Call recording parameters, such as recording to a remote RTMP server or a USB drive. The administrator specifies the RTMP server IP address and other related settings from the Settings menu.

Adjusting audio settings

About this task

From the Audio Control page, you can adjust the volume level for the audio input and output or mute them. For example, you can mute the audio output during a lecture so that the call participants do not interfere with it and are not recorded.

Procedure

1. On the web interface navigation menu, go to **Control > Audio Control**.
2. To mute the input audio, enable the **Input Mute** switch.
3. To mute the output audio, enable the **Output Mute** switch.

4. For the **Audio Input Digital Gain** setting, select the volume level for the audio input.
5. For the **Audio Output Digital Gain** setting, select the volume level for the audio output.

Adjusting video settings

About this task

From the Camera Control page, you can configure your device so that the camera is turned off when the codec is idle. You can also configure the device to disable the camera by default when first joining a conference call.

You can manage vertical and horizontal movements for a local and remote camera, auto focus, and zoom. You can also set up image, backlight, and flicker parameters. You can create pan, tilt, and zoom (PTZ) presets that you can later recall from the same page to quickly move your camera to the required position.

The Camera Parameters configuration section applies only to the cameras integrated into Avaya Room System C130 and Avaya Room System C170 models.

Procedure

1. On the web interface navigation menu, go to **Control > Camera Control**.
2. To disable the camera when the codec is in an idle state, toggle on the **Turn Off Camera When Idle** switch.
3. To disable the camera by default when joining a conference call, toggle on the **Join And Turn Off The Camera** switch.
4. In the Turn section, adjust the horizontal and vertical position of the video frame.
5. In the Focus section, use the **Focus In** and **Focus Out** buttons to adjust the camera focus.
6. In the Preset Position section, click **Set** to save the current PTZ configuration as a preset position.
7. To recall a PTZ preset, click **Activate**, and in the Invoke Preset window, enter the preset number.

The camera moves to the preset position.

8. For a C130 or C170 codec, in the Camera Parameters section, click **Set** to configure video image, backlight, flicker, and other settings for the integrated cameras.

Camera Parameters page settings

The following table describes the settings available when you click **Set** in the Camera Parameters section for a C130 or C170 codec:

Setting name	Description
Images tab	
Contrast	Select the level of image video contrast.
Brightness	Select the level of image video brightness.
Aperture Mode	You can select one of the following aperture modes: <ul style="list-style-type: none"> • Auto: The camera automatically determines the size of the iris opening. • Manual: You can manually select the size of the iris opening in f-stops.
Aperture Value	Select the size of the iris opening in f-stops and determine how much light gets to the camera sensor. This setting is available if you select manual aperture mode.
Backlight Setting tab	
Enable Backlight Compensation	Enable the backlight compensation if there is light behind the object and the object becomes dark.
Flicker Mode tab	
Flicker	Disable the anti-flicker setting or select one of the options. Use this setting to record high-quality video under artificial flickering lighting.
Others tab	
Enable Flip Vertical	Enable the setting to invert the video image vertically.
Enable Mirroring	Enable the setting to invert the video image horizontally.

Selecting a video source

About this task

On the Switch Video Source page, you can select a video source for the main video input. For example, you can select an HDMI input. For Avaya Room System C190, the Camera Compose input is the combination of HDMI 1 and HDMI 2 inputs.

Procedure

1. On the web interface navigation menu, go to **Control > Switch Video Source**.
2. On the Switch Video Source page, select the video source to use for the main video input.

Selecting an output layout

About this task

On the Picture Switching page, you can select an output layout for the video received from the HDMI 1 and 2 inputs. For Avaya Room System C190, you can also configure a combined layout when the video from both the HDMI inputs is mixed.

Procedure

1. On the web interface navigation menu, go to **Control > Picture Switching**.
2. On the Picture Switching page, expand each available output section and select the layout.

The options available for selection depend on the connected video source and layout configuration. The administrator configures the layout options on the Settings menu.

Managing a presentation

About this task

During a call, you can enable sending a presentation from the connected video source to the far end. For example, you can send your presentation from a connected laptop to another codec. You can also preview the presentation on the video source device.

Before you begin

Ensure the following:

- You connected the video source device, such as a camera or computer, to the primary HDMI input.
- The device receiving the presentation supports dual streaming.

Procedure

1. During a call, on the web interface navigation menu, go to **Control > Presentation**.
2. To send the presentation to the far end, enable the **Presentation** switch.
3. To preview the presentation on the connected video source device, enable the **Presentation Preview** switch.

Managing a conference

About this task

On the Conference Control page, you can select the conference host to manage call participants, screen sharing, and presentations, as well as other conference call options. You can also view the video source for conferencing, the name of the connected codec, and its status.

Procedure

1. During a conference call, on the web interface navigation menu, go to **Control > Conference Control**.
2. On the Conference Control page, select the host to manage the conference call options and participants.

Managing call recording

About this task

On the Record Control page, you can enable recording to an RTMP server or a connected USB drive. You can also listen to recordings, download and delete separate files, or clear the entire file list to clean up the storage space. The codec creates a separate recording file for each call.

If you enable USB recording, the codec records all active calls until you disable the **Start USB Record** switch, the recording time expires, or the storage space is full. The administrator configures the recording time limit. You can see the remaining recording time and storage space on the Record Control page.

For FAT32-formatted USB drives, the maximum recording file size is 3.5 GB. When the USB storage is full, the earliest recorded file is automatically deleted so that you can continue recording. If you store USB recordings on an FTP or SFTP server, you must download the file to your local computer before playing the recording.

Caution:

Do not remove the USB drive before disabling the recording or ending a call. If you remove the USB drive first, the codec does not save the recording.

Before you begin

If you want to record your video to a USB drive, ensure that you insert it into a USB slot.

Procedure

1. During a call, on the web interface navigation menu, go to **Control > Record Control**.
2. To enable recording to a remote RTMP server or USB drive, enable the **Start Remote Record** switch.
3. To enable recording to an RTMP server, enable the **Start RTMP** switch.
The administrator specifies the RTMP server IP address and other related settings on the Settings menu.
4. To enable recording to a connected USB drive, enable the **Start USB Record** switch.
The codec records all active calls on the USB drive until the configured recording time expires or the storage space is full.
5. If you have recording files available, use the **Play**, **Download**, and **Delete** buttons to listen to and manage individual recordings.
6. To clear the entire file list, in the File List section, click **Clear**, and in the confirmation dialog box, click **Yes**.

Blocking conference calls

About this task

Enable the Conference Lock feature to block incoming and outgoing conference calls. With this feature enabled, the codec cannot receive or initiate conference calls. For example, you can block conference calls when streaming or performing diagnostics.

Procedure

1. On the web interface navigation menu, go to **Control > Conference Lock**.
2. To block incoming and outgoing conference calls, toggle on the **Enable Conference Lock** switch.

Chapter 6: Resources

Documentation

Avaya Room System C100 Series customer documentation is available in HTML and PDF format on the [Avaya Documentation Center](#) and [Avaya Support](#) website.

Title	Use this document to:	Audience
Administering		
<i>Installing and Administering Avaya Room System C100 Series</i>	Perform initial installation and administration tasks from the codec GUI menu and web interface.	End users and administrators
Using		
<i>Using Avaya Room System C100 Series</i>	Set up and use Avaya Room System C130, Avaya Room System C170, and Avaya Room System C190.	End users
<i>Avaya Room System C130 Quick Start Guide</i>	Obtain an overview of features and use Avaya Room System C130.	End users
<i>Avaya Room System C170 Quick Start Guide</i>	Obtain an overview of features and use Avaya Room System C170.	End users
<i>Avaya Room System C190 Quick Start Guide</i>	Obtain an overview of features and use Avaya Room System C190.	End users
<i>Using Avaya Room Camera RC212 and Avaya Room Camera RC220</i>	Set up and use Avaya Room Camera RC212 and Avaya Room Camera RC220.	End users
<i>Using Avaya Room Camera RC240</i>	Set up and use Avaya Room Camera RC240.	End users
<i>Using Avaya Room Microphone RM61 and RM61-EXP</i>	Set up and use Avaya Room Microphone RM61 and Avaya Room Expansion Microphone RM61-EXP.	End users
<i>Using Avaya Room Microphone Speaker RA63</i>	Set up and use Avaya Room Microphone Speaker RA63.	End users

Avaya Documentation Center navigation

For many programs, the latest customer documentation is available on the Avaya Documentation Center website at <https://documentation.avaya.com>. Some functionality is only available when you log in to the Avaya Documentation Center. The available functionality depends on your role.

! Important:

If the documentation you are looking for is not available on the Avaya Documentation Center, you can find it on the [Avaya Support website](#).

While navigating through the Documentation Center, you can click the **Avaya Documentation Center** logo at the top of the screen to return to the home page anytime. On the Avaya Documentation Center, you can do the following:

- Click **Avaya Links** in the top menu bar to access other Avaya websites, including the Avaya Support website.
- Click **Languages** (🌐) in the top menu bar to change the display language and view localized documents.
- In the **Search Documentation** field, search for keywords and click **Filter** to filter by solution category, product, or user role.

You can select multiple items in each filter category. For example, you can select a product and multiple user roles.

- Click **Library** in the top menu bar to access the complete library of documents. Use the filtering options to refine your results.
- After performing a search or accessing the library, you can sort content on the search results page. When you find the item you want to view, click it to open it.
- Use the table of contents in a document for navigation. You can also click < or > next to the document title to navigate to the previous topic or the next topic.
- Click **Share** (➦) to share a topic by email or copy the URL.
- Download a PDF of the current topic in a document, the topic and its subtopics, or the entire document.
- Print the section you are viewing.
- Add content to a collection by clicking **Add to My Topics** (📁). You can add the topic and its subtopics or add the entire publication.
- View the topics in your collections. To access your collections, click your name in the top menu bar and then click **My Topics**.


You can do the following:

- Create, rename, and delete a collection.
- Set a collection as the default or favorite collection.
- Save a PDF of the selected content in a collection and download it to your computer.
- Share content in a collection with others through email.
- Receive collections that others have shared with you.
- Click **Watch** (👁) to add a topic to your watchlist so you are notified when the content is updated or removed.

- View and manage your watchlist by clicking **Watchlist** from the top menu with your name.
You can do the following:
 - Enable **Email notifications** to receive email alerts.
 - Unwatch the selected content or all topics.
- Send feedback for a topic.

Finding documents on the Avaya Support website

Procedure

1. Go to <https://support.avaya.com>.
2. To log in, click **Sign In** at the top of the screen and then enter your login credentials when prompted.
3. Click **Product Support > Documents**.
4. In **Search Product**, start typing the product name and then select the appropriate product from the list displayed.
5. In **Select Release**, select the appropriate release number.
This field is not available if there is only one release for the product.
6. **(Optional)** In **Enter Keyword**, type keywords for your search.
7. From the **Select Content Type** list, select one or more content types.
For example, if you only want to see user guides, click **User Guides** in the **Select Content Type** list.
8. Click  to display the search results.

Support

Go to the Avaya Support website at <https://support.avaya.com> for the most up-to-date documentation, product notices, and knowledge articles. You can also search for release notes, downloads, and resolutions to issues. Use the online service request system to create a service request. Chat with live agents to get answers to questions, or request an agent to connect you to a support team if an issue requires additional expertise.

Using the Avaya InSite Knowledge Base

The Avaya InSite Knowledge Base is a web-based search engine that provides:

- Up-to-date troubleshooting procedures and technical tips.
- Information about service packs.
- Access to customer and technical documentation.

- Information about training and certification programs.
- Links to other pertinent information.

If you are an authorized Avaya Partner or a current Avaya customer with a support contract, you can access the Knowledge Base without extra cost. You must have a login account and a valid Sold-To number.

Use the Avaya InSite Knowledge Base for any potential solutions to problems.

1. Go to <https://support.avaya.com>.
2. To log in, click **Sign In** at the top of the screen and then enter your login credentials when prompted.
3. Click **Product Support > Products**.
4. In **Search Product**, start typing the product name and then select the appropriate product from the list displayed.
5. Select the release number, if applicable.
6. Click the **Technical Solutions** tab to view articles for resolving technical issues.

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