



Using Avaya IX™ Conference Phone B199

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Note

Using a cell, mobile, or GSM phone, or a two-way radio in close proximity to an Avaya IP telephone might cause interference.

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This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage, et
2. L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radio Transmitter Statement

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that necessary for successful communication.

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.

This Class B digital apparatus complies with Canadian ICES-003.

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

Radiation Exposure Statement

This equipment complies with FCC & IC RSS102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

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

Industry Canada (IC) Statements

This Class B digital apparatus complies with Canadian ICES-003.

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

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

Japan Statements

Class B Statement

This is a Class B product based on the standard of the VCCI Council. If this is used near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.

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Denan Power Cord Statement



Danger:

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- Please only use the connecting cables, power cord, and AC adapters shipped with the equipment or specified by Avaya to be used with the equipment. If you use any other equipment, it may cause failures, malfunctioning, or fire.

- Power cords shipped with this equipment must not be used with any other equipment. In case the above guidelines are not followed, it may lead to death or severe injury.



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México Statement

The operation of this equipment is subject to the following two conditions:

1. It is possible that this equipment or device may not cause harmful interference, and
2. This equipment or device must accept any interference, including interference that may cause undesired operation.

La operación de este equipo está sujeta a las siguientes dos condiciones:

1. Es posible que este equipo o dispositivo no cause interferencia perjudicial y
2. Este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Brazil Statement

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados

Power over Ethernet (PoE) Statement

This equipment must be connected to PoE networks without routing to the outside plant.

U.S. Federal Communications Commission (FCC) Statements

Compliance Statement

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

Class B Part 15 Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designated to provide reasonable protection against harmful interferences in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferences to radio or television reception, which can be determined by turning the

equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

EU Countries

This device when installed complies with the essential requirements and other relevant provisions of EMC Directive 2014/30/EU and LVD Directive 2014/35/EU. A copy of the Declaration may be obtained from <https://support.avaya.com> or Avaya Inc., 4655 Great America Parkway, Santa Clara, CA 95054–1233 USA.

WiFi transmitter

Frequencies for 2412-2472 MHz, transmit power: 10 dBm

General Safety Warning

- Use only the Avaya approved Limited Power Source power supplies specified for this product.
- Ensure that you:
 - Do not operate the device near water.
 - Do not use the device during a lightning storm.
 - Do not report a gas leak while in the vicinity of the leak.
 - For Accessory Power Supply – Use Only Limited Power Supply and products that conform to Radio Equipment Directive, EU directive 2014/53/EU.
- Do not push objects into holes and ventilation slots of the device.
- Do not place a naked flame source, such as lighted candles, on or near the device.
- Do not intentionally hit the device or place heavy or sharp objects on the device.
- Do not attempt to repair the device yourself. Always use a qualified service agent to perform adjustments and repairs.
- Keep the device away from benzene, diluents, and other chemicals.

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Chapter 1: Introduction

Purpose

This document describes the procedures for using Avaya IX™ Conference Phone B199 and is intended for the end users.

Change history

Issue	Date	Summary of changes
Release 1.0.1	March 2020	<ul style="list-style-type: none">• Updated Logging in to the web interface of Avaya IX Conference Phone B199 on page 27 with the supported browser and communication protocol.• Updated Basic settings on page 29 with key tone functionality.• Added Disabling the daisy chain mode on page 45.• Added Upgrading Smart Expansion Microphone on page 45.

Chapter 2: Overview

Phone overview

Avaya IX™ Conference Phone B199 is a SIP conference phone that you can use to make calls and hold conferences with a great audio quality. It provides an improved user experience and ensures an easier connection to audio conference bridges. The phone is based on a multi-connectivity platform to leverage the “Bring your own device” approach.

The features of the conference phone include a simple-to-use 4.3 inch graphical LCD with a backlight and volume up/down and mute buttons. Two more mute key buttons are located along the perimeter of the device. You can attach additional expansion microphones or cascade three B199 devices in a daisy chain to expand the audio distribution and pickup in the room.

B199 Conference Phone is supported in the Avaya network through the Avaya Aura® communication solutions and IP Office.

Safety guidelines

Ensure that you are familiar with the following safety guidelines before installing, configuring, and administering Avaya IX™ Conference Phone B199.

*** Note:**

This conference phone is not designed for making emergency telephone calls when the power fails. Make alternative arrangements for access to emergency services.

- Read, understand, and follow all the instructions.
- Do not place this phone on an unstable cart, stand, or table. If the phone falls, serious damages can be caused to the device.
- Do not drop, knock, or shake the phone. Rough handling can break internal circuit boards.
- Ensure that the power cord or plug is not damaged.
- Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
- Avoid wetting the device to prevent fire or electrical shock hazard.

- Unplug the device from the wall outlet before cleaning. Do not use liquid or aerosol cleaners, harsh chemicals, cleaning solvents, or strong detergents to clean the device. Use a damp cloth for cleaning.
- Avoid exposing the phone to high temperatures above 40°C (104°F), low temperatures below 0°C (32°F), or high humidity.
- Do not block or cover slots and openings of the phone. These openings are provided for ventilation, to protect the phone from overheating.
- Never push objects of any kind into this phone through cabinet slots as they might touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock.
- Do not disassemble this product to reduce the risk of electric shock. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock during subsequent use.
- Do not use the phone to report a gas leak in the vicinity of the leak.
- Do not use the phone near intensive care medical equipment or close to persons with pacemakers.
- Do not place the phone too close to electrical equipment such as answering machines, TV sets, radios, computers, and microwave ovens to avoid interference.

 **Important:**

In case B199 Conference Phone and the corresponding accessories are damaged, the device does not operate normally or exhibits a distinct change in performance, refer for servicing to the qualified service personnel.

Physical layout



Figure 1: Front view of Avaya IX™ Conference Phone B199

The following table lists the buttons and the other elements of B199 Conference Phone.

Callout number	Description
1	Mute buttons
2	Volume down button
3	Volume up button
4	NFC tag
5	Touch screen
6	LED status indicators

Connection layout



Figure 2: Connection layout of Avaya IX™ Conference Phone B199

The following table lists the sockets and ports available on B199 Conference Phone for connection.

Callout number	Description
1	PoE/Ethernet connection socket
2	USB Type A
3	Micro-USB Type B
4	Audio expansion ports
5	Kensington® security lock port
6	NFC tag for Bluetooth









Dimensions

The following table shows the dimensions of Avaya IX™ Conference Phone B199.

Parameter	Dimension
Width	326.41 mm
Length	369.87 mm
Height	74.7 mm

Icons

Icons on the home screen of Avaya IX™ Conference Phone B199

Icon	Name	Description
	Recent	To check the call list. The phone provides the following information about the calls: <ul style="list-style-type: none"> • Number. You can view the number or the name of the contact from the phone book. • Date. You can view the information when the phone received the call. This applies only to the calls preceding the current day. • Time. For the current day the phone shows the time of the call in hh:mm format. • Direction. You can view the incoming, outgoing and missed calls.
	Conference Assistant	To access the Avaya® Conference Assistant settings.
	Dialpad	To dial phone numbers and codes for telephone operations or Avaya® Conference Assistant connection.
	Settings	To check and configure the settings from the phone. You can view the phone status and reach the menu.
	Microphone Muted	To mute and unmute the phone.
	Volume Up	To increase the phone volume level.
	Volume Down	To decrease the phone volume level.
	DES warning icon	To notify the user of issues which occurred during the automatic provisioning process performed using Device Enrollment Services.

Other icons of B199 Conference Phone




























Icon	Name	Description
	Make Call or Answer	To indicate the phone off-hook status and answer an incoming call.
	Hang Up	To indicate the phone on-hook status and end a call.
	Incoming	To show an incoming call.
	Outgoing	To show an outgoing call.
	Missed	To indicate a missed call.
	Hold or On Hold	To put a call on hold or to indicate that a call is on hold.
	Conference	To organize a conference call.
	Split	To split a conference call into several separate calls.
	Add Participant	To add a participant to a conference call.
	Talk Private	To organize a private discussion with a participant of a conference call.
	Caps	To capitalize the letters.
	Delete	To delete an unneeded number or letter.
	Visibility	To mark if the characters must stay visible to the user, for example during the log in with the password.
	Invisibility	To mark if the characters must stay invisible to the user, for example during the log in with the password.
	Logged In	To indicate that the user logged in as the administrator.
	Microphone Muted	To indicate that the phone is in muted state.

Table continues...

Icon	Name	Description
	Enter	To confirm the input of information.
	Confirm	To confirm the information.
	Reject	To discard the information.
	Arrow Down	To move to the sections below.
	Arrow Up	To move to the sections above.
	Arrow Left	To return to the previous page.
	Arrow Right	To move to subsections of a section.
	USB Connected	To indicate an active USB connection.
	Avaya [®] Conference Assistant connected	To show the connection of the phone to Avaya [®] Conference Assistant.
	Daisy Chain Mode	To indicate that the phone is in a daisy chain mode.
	Loading	To show that the phone is loading the new version of the firmware or new setting from DES server.

LED status indicators

The LEDs on the phone indicate the status of a call, such as an incoming call, a call on hold, or a call on mute. The LEDs emit bright red and green colors that are visible over a distance to draw your attention to the call status as required.

You can also press the status indicator LEDs to mute and unmute the phone.

LED color	Description
Steady red	Microphones are on mute.
Flashing red	A call is on hold. Microphones and the speaker are turned off.

Table continues...

LED color	Description
Steady green	A call is in progress.
Flashing green	An incoming call is ringing.
LED Off	The phone is inactive.

Specifications

The following specifications are supported on Avaya IX™ Conference Phone B199:

Name	Description
Power	<ul style="list-style-type: none"> PoE 802.3af PoE 802.3at PoE injector available as an accessory
Connectivity	<ul style="list-style-type: none"> Ethernet RJ45 10/100/1000 Mbps, PoE 802.3af and PoE 802.3at USB 2.0 Device Built-in Bluetooth LE Daisy Chain (audio) ports (6-pin RJ-type)
Screen	Graphical touch screen with a resolution of approximately 480 x 800 and size of 4.3"
Acoustics	<ul style="list-style-type: none"> 3 symmetrically placed MEMS microphones Full range speaker in the sealed enclosure
Music	<ul style="list-style-type: none"> PoE 802.3at: 91 dB and bass boost PoE 802.3af: 87 dB Daisy Chain: 91 dB
Speech	<ul style="list-style-type: none"> PoE 802.3at: 91 dB PoE 802.3af: 87 dB Daisy Chain: 91 dB
USB	<ul style="list-style-type: none"> Micro-USB Type B
Bluetooth	<ul style="list-style-type: none"> Bluetooth LE
Accessories	<p>You can additionally purchase the following accessories:</p> <ul style="list-style-type: none"> Avaya PoE kit Avaya Smart Microphones Avaya Daisy Chain kit

Table continues...

Name	Description
User interface	<ul style="list-style-type: none">• Simplified user interface• Functional keypad and dial pad• LED indicators for call status
Operation environment	<ul style="list-style-type: none">• Avaya Aura[®]• IP Office
Interoperability with PBX and platforms	<ul style="list-style-type: none">• Broadsoft• Zang Office

Chapter 3: Telephony operations

Regular phone calls

You can make and manage regular phone calls with Avaya IX™ Conference Phone B199. Regular call is a traditional telephony option when two persons are speaking over the phone.

B199 Conference Phone supports the following regular phone call operations:

- Making a call
- Answering a call
- Answering a call while on another call
- Muting the phone during a call
- Placing the call on hold
- Redialing a number

You can use the volume control buttons on the phone to adjust the volume during a call.

Making a call

About this task

Use this procedure to make a call with Avaya IX™ Conference Phone B199.

Procedure

1. On the phone screen, tap the **Dialpad** icon.
2. On the displayed dial pad, dial the number you want to call.
3. **(Optional)** To edit a dialed number, tap the **Delete** icon.
4. Tap the **Make Call** icon.

The phone starts dialing the number. The LEDs show a steady green light. When the other person answers, you can see the duration of the call on the screen.

If the other person discards your call, the phone shows you the following message: All possible destinations are busy.

Answering a call

About this task

Use this procedure to answer an incoming call. When there is an incoming call, the phone plays a ringtone, the green LED starts flashing, and the phone displays the number of the calling person on the screen.

Procedure

1. On the phone screen, tap the **Answer** icon.
When you answer the call, the phone displays the timer. You can control the duration of the call.
2. To end the call, tap the **Hang Up** icon.

Answering a call while on another call

About this task

Use this procedure to answer an incoming call when you are on a call without dropping the first call. When there is a second incoming call, the phone shows the caller's number and the green LED starts flashing.

Procedure

1. On the phone screen, tap one of the following:
 - a. **Answer**: To answer the second call, and put the first call on hold.
 - b. **Hang Up**: To ignore the second call, and continue the first call.
2. Go on with the call.
B199 Conference Phone stops ringing.

Muting and unmuting the microphone during a call

About this task

Use this procedure to mute the microphone during a call.

Before you begin

Start a call.

Procedure

1. On the phone, tap the **Microphone Muted** icon.
The LED color changes from green to red. The other participant cannot hear what you are saying.

2. To unmute the microphone, tap the **Microphone Muted** icon again.

Placing a call on hold

About this task

Use this procedure to place an active call on hold and then resume the call.

Before you begin

Start a call.

Procedure

1. On the phone screen, tap the **Hold** icon.
The LED starts flashing red indicating that the call is placed on hold.
2. Tap the **Hold** icon again.
The LEDs turn green indicating that the call is active again.
3. To end the call, tap the **Hang Up** icon.

Redialing a number

About this task

Use this procedure to redial the number from your call list.

Procedure

1. On the phone screen, tap the **Recent** icon.
The phone displays the list of the last incoming, outgoing and missed calls.
2. Scroll through the list and select the number you want to call.
The phone displays the following information about the call:
 - Number
 - Date or time
 - Direction
3. Tap the **Make Call** icon to redial the number.
The phone dials the selected number.

Conference calls

You can make and manage conference calls with Avaya IX™ Conference Phone B199. Conference call is a telephony option when at least three persons are speaking over the phone.

 **Note:**

These conference calls are conference calls generated by B199 Conference Phone (the built-in audio conference bridge).

B199 Conference Phone supports the following conference call operations:

- Setting up a conference call
- Adding participants to a conference call
- Putting a participant of a conference call on hold
- Talking to a participant of a conference call privately
- Splitting a conference call
- Dropping a participant from a conference call.

 **Note:**

B199 Conference Phone supports a conference of maximum 5 participants, out of whom 4 are external. The number depends on the used codecs.

Setting up a conference call

About this task

Use this procedure to set up a conference call on your phone.

Procedure

1. Tap the **Dialpad** icon.
2. Dial the number of the first person that you want to include in the conference call.
3. When the person answers, tap **Add Participant**.

The phone displays the Add Participant screen.

4. Dial the number of the second person that you want to include in the conference call.

You can choose the number in the **Recent** tab from the recent calls list or dial the number using the **Dialpad**.

5. Tap **Conference** when the called party answers.

The phone displays the conference call window and starts the conference call. The conference call window displays the names or numbers of the participants on the call and a call timer.

Adding a participant to a conference call

About this task

Use this procedure to add participants to an ongoing conference call.

Before you begin

Start a conference call.

Procedure

1. On the phone screen, tap **Add Participant**.
The phone displays the Add Participant screen.
2. To add a participant, do one of the following:
 - On the **Recent** tab, choose the number of the person that you want to include in the conference from the recent calls list.
 - Dial the number using the **Dialpad**.
3. When the called person answers the call, tap **Conference**.
The phone includes the called person into the conference call.

Placing a participant of a conference call on hold

About this task

Use this procedure to put a participant of a conference call on hold. This action does not put other participants of the conference call on hold.

Before you begin

Start a conference call.

Procedure

1. On the phone screen, tap the participant's number or the > icon.
The phone shows the participant and the list of actions, which you can do during an ongoing conference call.
2. Tap the **Hold** icon to put the participant on hold.
The phone activates the **On Hold** icon to demonstrate the procedure is complete.
3. Tap the **On Hold** icon again for the participant to rejoin the conference call.

Talking to a participant of a conference call privately

About this task

Use this procedure to talk privately with a participant of a conference call. When you do it, other participants of the conference call are not able to listen to the discussion between you and the selected participant.

Before you begin

Start a conference call.

Procedure

1. On the phone screen, tap the participant's number or the > icon.
The phone shows the participant and the list of actions, which you can do during an ongoing conference call.
2. Tap the **Talk Private** icon to talk privately with the participant.
The phone puts all other participants on hold.
3. Tap the **Conference** icon to reconnect to the conference call.

Dropping a participant from a conference call

About this task

Use this procedure to drop a participant from an ongoing conference call.

Before you begin

Start a conference call.

Procedure

1. On the phone screen, tap the participant's number or the > icon.
The phone shows the participant and the list of actions, which you can do during an ongoing conference call.
2. Tap the **Hang Up** icon.
The phone drops the participant from the conference call.

Splitting a conference call

About this task

Use this procedure to split an ongoing conference call into several calls.

Before you begin

Start a conference call.

Procedure

On the phone screen, tap the **Split** icon.

The phone places all participants to separate calls and puts the calls on hold.

Next steps

- To resume the call with any one of the participants, tap the participant's entry and then the **On Hold** icon.
- To connect all the separate calls to the conference call, tap the **Conference** icon.

Chapter 4: Settings configuration and management

Configuration of Avaya IX™ Conference Phone B199

You can configure the settings directly on Avaya IX™ Conference Phone B199 and through the web interface. The basic settings, such as the phone name, language, and ring level, can be modified by any user. To configure other settings you need to login as the administrator.

Important:

The web interface is accessible with the administrator password only. For security reasons, you can set the administrator password only on the phone.

Viewing the IP address

About this task

Use this procedure to view the IP address of your Avaya IX™ Conference Phone B199. You can use this address to log into the web interface of the conference phone and manage the settings in the device through the web browser.

Procedure

1. On the phone screen, tap **Settings**.
2. Tap **Status** or the > icon.

The phone displays the following hardware details:

- DES Status
- IP address
- MAC Address
- Bluetooth MAC Address
- Hardware Revision
- Software Version
- Smart Mic 1 Version
- Smart Mic 2 Version

3. Tap < twice to return to the home screen.

Setting the password for Avaya IX™ Conference Phone B199

About this task

Use this procedure to set the password for your B199 Conference Phone when you first activate the phone or after a reset to the factory settings.

Before you begin

Connect the PoE cable to ensure the phone power supply.

Procedure

1. Wait for the following message to appear on the phone screen:

For full functionality, please set administration password.

2. Tap **Yes** to set the password.
3. **(Optional)** Tap **Skip** to avoid setting the password.

In this case, B199 Conference Phone will be functioning in the administration mode, and you will be able to configure settings on the phone. However, you will not be able to access the web interface.

4. Using the keyboard on the phone screen, type your password. It can contain letters, numbers, and special characters.

The password must contain at least 4 characters. As you enter the password, the phone informs if the password is strong enough.

5. Type the password again to confirm it.
6. Tap < twice to return to the home screen.

The phone reboots.

Changing the password

About this task

You can change the administrator password using the phone.

Procedure

1. On the phone screen, tap **Settings > Admin Login**.

2. Enter your administrator password.

The Settings menu in the full functionality mode opens.

3. In the Settings menu, tap **Phone > Security**.

The Change Password menu opens.

4. In the **Enter new password** field, enter the new password.

The phone displays the strength of the password.

5. In the **Confirm new password** field, enter the new password again to confirm.

The phone informs if the password matches the one you entered in the **Enter new password** field.

The phone changes the password and reboots.

Logging in to the web interface of Avaya IX™ Conference Phone B199

About this task

Use this procedure to log in to the web interface of your B199 Conference Phone. You can access the web interface only if you set the administrator password for your phone.

Note:

B199 Conference Phone officially supports only the Google Chrome browser.

The phone supports only HTTPS communication protocol.

Before you begin

Obtain the IP address and the administrator password for the phone.

Procedure

1. On the web browser, type the IP address of your phone in the following format:

`https://111.222.33.44/.`

2. Enter password in the **Password** field.

The password is the administrator password for your phone.

3. Click **Login** to log in to the web server of your B199 Conference Phone.

Related links

[Viewing the IP address](#) on page 25

[Setting the password for Avaya IX Conference Phone B199](#) on page 26

Logging out from Avaya IX™ Conference Phone B199

About this task

Use this procedure to log out from the web server of your B199 Conference Phone from your web browser.

Before you begin

You must be logged in to the web interface of your conference phone.

Procedure

On the web browser, click **Logout**.

You are forwarded to the Login page and see the prompt that you are not logged in.

Configuration of the basic settings

You can configure the basic settings directly on Avaya IX™ Conference Phone B199 or through the web interface.

Any user can configure the following basic settings of B199 Conference Phone:

- Phone Name
- Language
- Ring Level
- Key Tone

To configure other basic and advanced settings you must log in as the administrator.

Related links

[Basic settings](#) on page 29

Configuring the basic settings on the phone

About this task

Use this procedure to configure the basic settings on the phone.

Procedure

1. On the phone screen, tap **Settings > Phone**.
2. Choose the parameter that you want to configure and proceed to the options available.

You must log in as the administrator to change the password, set time settings, choose the Daisy Chain mode or reset the phone to factory settings.

3. After you made the choices, return to the home screen.

Depending on what parameters you change, the phone restarts the application or reboots.

Configuring the settings through the web interface

About this task

Use this procedure to configure the settings through the web interface of your Avaya IX™ Conference Phone B199. Note that only administrator can configure all the settings.

Procedure

1. Log in to the web interface.
2. Click **Basic**.
3. Choose the parameter that you want to configure and proceed to the options available.
4. Click **Save**.

Basic settings

The following are the basic settings of Avaya IX™ Conference Phone B199 available through the web interface in the Basic tab or on the phone in **Settings > Phone** and **Settings > Time**.

Name	Description
Phone	
Name	To specify the name of the phone, which is visible on the home screen when the phone is in a stand-by or on-hook mode. The default name is Conference Phone.
Language	To select the appropriate language. The options are: <ul style="list-style-type: none"> • English. This is the default setting. • Swedish • Danish • Norwegian • Finnish • Italian • German • French • Spanish • Portuguese • Dutch • Simplified Chinese

Table continues...







Name	Description
Security	<p>To change the administrator password.</p> <p> Note: You can configure this parameter if you logged in with the administrator password.</p> <p> Important: For security reasons, you can change the administrator password only on the phone.</p>
Ring Level	<p>To choose from six volume levels and a Silent mode. The default setting is Level 4.</p> <p>If you select the Silent mode, only the green LEDs on the phone flash when a call is received.</p>
Key Tone	<p>To enable or disable the key click sound as you tap the phone screen buttons.</p> <p>By default, the key tone is on.</p>
Reboot Device	<p>To reboot the phone when needed.</p> <p> Note: You can use this function only through the web interface.</p>
Webapp debug	<p>To enable or disable the debugging function for the web application. It activates the web application logging available in the System Logs tab. By default, Webapp Debug is off.</p> <p> Note: You can use this function only through the web interface.</p>
Daisy Chain	<p>To choose a mode, in which your B199 Conference Phone operates in case of a daisy chain arrangement. The options are:</p> <ul style="list-style-type: none"> • Master. This is the default setting. • Slave <p> Note: You can configure this parameter if you logged in with the administrator password.</p>
Factory Reset	<p>To reset the phone to its factory settings. By resetting the phone to its factory settings, you remove all the configurations set, exported and installed in course of the phone use.</p> <p> Note: You can do the factory reset only if you log in with the administrator password and only on the phone.</p>
Time	

Table continues...









Name	Description
Enable NTP	<p>To enable or disable the Network Time Protocol (NTP). By default, NTP is enabled.</p> <p> Note: You can configure this parameter if you logged in with the administrator password.</p>
NTP Server	<p>To specify the NTP server when NTP is enabled. By default the phone uses the following NTP server: 0.pool.ntp.org.</p> <p> Note: You can configure this parameter if you logged in with the administrator password.</p>
Date	<p>To set the current date.</p> <p> Note: You can use this function only through the web interface.</p> <p> Note: You can set the current date manually only if NTP is in disabled state.</p> <p>The date is set in the mm/dd/yyyy format. You can specify the date by doing the following:</p> <ul style="list-style-type: none"> • Manually enter the date in the field. • Use the up and down arrows to move through a set of fixed values for the date, month, and year. • Select a date from the drop-down calendar. <p>You can also click the × icon to delete the value that is available and enter the date you want.</p>

Table continues...

Name	Description
Time	<p>To set the current time.</p> <p> Note: You can use this function only through the web interface.</p> <p> Note: You can set the time manually only if NTP is in disabled state.</p> <p>The time is set in the <code>hh:mm:ss</code> format. You can see the time on the home screen of the phone.</p> <p>The interface provides the time using the 12-hour clock approach, that is you see an AM or PM abbreviation to specify the time.</p> <p>You can set the time by doing the following:</p> <ul style="list-style-type: none"> • Manually enter the time value in the field. • Use the up and down arrows to move through a set of fixed values for the hours, minutes, and seconds.
Geo Timezone (auto DST)	<p>To enable or disable the Daylight Saving Time (DST) mode based on the selected geographical timezone.</p> <p>By default, DST is disabled.</p> <p> Note: You can use this function only through the web interface.</p>
Timezone	<p>To select a timezone from a drop-down list. The available timezone is based on Geo Timezone (auto DST) being enabled or disabled. With Geo Timezone (auto DST) disabled, the phone sets the time as a difference with the Coordinated Universal Time (UTC). With Geo Timezone (auto DST) enabled, the phone specifies the timezone based on the country and the city observing the DST.</p> <p>The default setting is UTC.</p> <p> Note: You can use this function only through the web interface.</p>

After you click **Save** in the web interface, the phone saves the changes and restarts the application or reboots, depending on what parameters you changed. To save changes on the phone, you must return to the home screen, and the phone restarts the application or reboots to apply them.

Chapter 5: Connectivity

Connection to other devices

Avaya IX™ Conference Phone B199 is based on a multi-connectivity platform and can be connected to a personal computer, a deskphone, and mobile devices.

USB 2.0 Device connection is applied as an alternative to Ethernet.

You can connect B199 Conference Phone to other Bluetooth devices by establishing Bluetooth LE connection between the phone and any such device. The NFC tag ensures easy pairing and quick reconnection between B199 Conference Phone and a mobile device with Avaya® Conference Assistant application installed.

You can connect up to two expansion microphones to your B199 Conference Phone by using the available audio expansion ports. You can also connect up to three conference phones in a daisy chain to expand the phone coverage.

USB cable connection

You can connect Avaya IX™ Conference Phone B199 to a personal computer, a deskphone, or other devices using a Micro-USB Type B cable. When connected through the micro-USB port, B199 Conference Phone serves as a full duplex, echo cancellation and noise reduction device.

Connection to a personal computer or a deskphone

You can connect your Avaya IX™ Conference Phone B199 to a personal computer or a deskphone by using a USB cable.

The connected device normally uses the phone as a speaker and a conference unit. When the computer starts communication software or audio recording software, the microphone on the phone is also activated. At the same time, the green LEDs on the phone light up.

Connecting to a personal computer or a deskphone

About this task

Use this procedure to connect your Avaya IX™ Conference Phone B199 to a personal computer or a deskphone with a cable. When connected, the phone becomes an echo-cancelling device. This

connection ensures better sound quality that can be manually adjusted in the appropriate applications on the PC.

Before you begin

Prepare USB micro Type B receptacle for connection purposes.

Procedure

1. Use the USB cable to connect the phone and the computer.
The B199 Conference Phone screen shows that the USB mode is enabled.
2. **(Optional)** Access the computer settings and select the phone as the audio device. The computer operating system automatically selects the phone as a speaker and microphone.
3. **(Optional)** Restart the software to switch to the new audio device if the computer has active software that is using built-in speakers of the computer.

Managing VoIP calls through a PC

About this task

Use this procedure to manage VoIP calls through a personal computer or a laptop. The phone functions as a speaker and microphone for the PC.

If you receive an incoming VoIP call during an active USB call, the phone indicates the incoming call with a tone signal and LEDs flashing.

Before you begin

- Turn on the PC.
- Connect B199 Conference Phone with the USB receptacle to the PC.
- Select B199 Conference Phone as the audio device in the computer settings.
- Run the VoIP software.

Procedure

1. In the VoIP software, select the contact to call.
2. Dial the number and talk to your contact.
3. End the call in the computer VoIP software.

The phone functions as a speaker for the computer.

Bridge connection

Avaya IX™ Conference Phone B199 supports bridging all connected devices within the external dial-in conference calls. You can connect B199 Conference Phone to SIP server using Ethernet and also connect B199 Conference Phone to a laptop, a deskphone or a PC using USB. B199 Conference Phone can bridge all these connections together into a combined call.

When bridging your computer and the phone, you must activate both sources of sound. B199 Conference Phone can handle full duplex, echo cancellation, and noise reduction for all bridged sound sources simultaneously.

 **Note:**

The sound from the bridged computer and SIP call can have different levels. To hear all participants of the conference call clearly, adjust each sound source individually.

Chapter 6: Phone management application

Avaya® Conference Assistant

You can manage your Avaya IX™ Conference Phone B199 from a mobile phone or a tablet if you have Avaya® Conference Assistant installed on the device. You can download and install Avaya® Conference Assistant free from App Store and Google Play like any other application. You can use the NFC tag to easily start downloading the application. For that, you must bring the mobile device with the NFC enabled to the NFC tag on the conference phone, and the web browser on the mobile device opens the web page with the application in App Store or Google Play.

With Avaya® Conference Assistant, you can call contacts from your local address book, create conference groups, and control a call. For example, you can answer and hang up the call, mute and unmute the microphone, dial a number, adjust the volume level, and hold and resume the call.

The mobile device with Avaya® Conference Assistant is connected to the phone over the built-in Bluetooth LE. B199 Conference Phone is always discoverable for this connection.

You can configure Avaya® Conference Assistant parameters on the phone and from the mobile device with the application installed.

Pairing and connecting devices

About this task

Use this procedure to pair your Avaya IX™ Conference Phone B199 with Avaya® Conference Assistant on your mobile device the first time when you use them together. After that, they connect with one touch when you run the application near the conference phone.

The connection range is up to 20 meters. The connection breaks if this range is exceeded. You see a request to reconnect when Avaya® Conference Assistant is within the range of B199 Conference Phone. Reconnection requires only one touch.

Important:

You can pair up to 100 mobile phones or tablets with your B199 Conference Phone. But only one user connection is active at a time.

Before you begin

Install Avaya® Conference Assistant on your mobile device.

Procedure

1. On your mobile device, open Avaya® Conference Assistant.

The mobile phone displays the closest B199 Conference Phone.

2. To select the phone you want to connect, perform one of the following actions:
 - If your mobile device displays B199 Conference Phone you want to connect, tap **Connect** on the mobile device screen.
 - If your mobile device does not display B199 Conference Phone you want to connect, tap **Skip** and then tap the connection symbol in the upper left corner of your mobile device screen.

The mobile device displays the list of available conference phones.

The mobile phone displays a pairing code on the screen.

3. Enter the code with the keypad on the conference phone.
4. Tap **Ok** on the conference phone to start pairing.

When the devices are paired, both Avaya® Conference Assistant and B199 Conference Phone display the connection symbol.

The conference phone and Avaya® Conference Assistant remain paired while they are close to one another.

Disconnecting devices

About this task

Use this procedure to disconnect your Avaya IX™ Conference Phone B199 from the mobile device with Avaya® Conference Assistant installed.

Before you begin

Ensure that B199 Conference Phone is connected to a mobile device with Avaya® Conference Assistant installed.

- To disconnect from the mobile device, do the following:
 1. In Avaya® Conference Assistant, tap the connection symbol in the upper left corner of the screen.
 2. **(Optional)** Under **Change device**, select another conference phone to connect to.
You can do it if there are other conference phones available nearby.
The application starts connecting to the selected conference phone.
 3. Tap the **Disconnect** button near the highlighted connected device name.
The connection symbol in the upper left corner of the screen becomes inactive.
- To disconnect from B199 Conference Phone, do one of the following:
 - Tap **Conference Assistant > Disconnect Device**.
 - Tap **Settings > Conference Assistant > Disconnect Device**.

The phone shows the Avaya® Conference Assistant icon and informs that the application is disconnected.

Deleting pairing

About this task

Use this procedure to delete the pairing between the conference phone and the mobile device. You can delete the pairing only from the conference phone.

Before you begin

Pair Avaya IX™ Conference Phone B199 with a mobile device with Avaya® Conference Assistant.

Procedure

1. To delete the pairing from the conference phone, on the home screen, do one of the following:
 - Tap **Conference Assistant**.
 - Tap **Settings** > **Conference Assistant**.
2. Tap **Remove Bonding Information**.

This function both disconnects the current connection and deletes the pairing. You must start a new pairing process the next time you want to connect to the phone.

Checking the calendar and scheduled events

About this task

Use this procedure to check your calendar on your mobile device with Avaya® Conference Assistant installed. Then you can arrange calls with the paired Avaya IX™ Conference Phone B199 and Avaya® Conference Assistant.

Before you begin

You must allow your mobile device with Avaya® Conference Assistant to connect to your calendar and agenda.

Procedure

1. On your mobile device, open Avaya® Conference Assistant.
2. Tap the **Calendar** icon.

The mobile phone shows all calendar events on the screen. Some of these events are meeting invitations with the meeting information included. In the Overview tab, you see the time, duration, and title of the meeting. In the Participants tab, the application shows the list of persons invited to the meeting.

3. Select a conference call from the list.

The mobile phone displays an overview and a list of other participants of the conference call. Avaya® Conference Assistant finds the phone numbers, PIN codes, and meeting links in the calendar.

Participating in a conference call from the calendar

About this task

Use this procedure to participate in a conference call from the calendar accessible with Avaya® Conference Assistant.

Before you begin

Your calendar must contain an invitation to a conference call. The contact information in the conference invitation must comply with the E164 international phone number standard. This guarantees that Avaya® Conference Assistant interprets the information correctly.

Procedure

1. After you receive a notification about the upcoming conference call on your mobile device, open Avaya® Conference Assistant.

The application finds the closest Avaya IX™ Conference Phone B199.

2. In the conference room, pair Avaya® Conference Assistant and Avaya IX™ Conference Phone B199.
3. Connect to the meeting from the mobile device by tapping the conference in the calendar.
Avaya® Conference Assistant dials the phone number and enters the PIN code from the conference call invitation.

Starting an unscheduled call

About this task

Use this procedure to start a call that is not scheduled in the calendar. You will have complete control over Avaya IX™ Conference Phone B199 during the call from your mobile device with Avaya® Conference Assistant installed.

Before you begin

Ensure that Avaya IX™ Conference Phone B199 is paired with Avaya® Conference Assistant.

Procedure

1. Do one of the following to choose a number to call:
 - Select a number from your Contacts list.
 - Select a number from your Favorites list.
 - Select a number from the your recent calls list.

- Dial a number using the keypad.

The phone dials the number, and the call starts. The screen displays the name and the number of the person called.

2. **(Optional)** Do one or more of the following:
 - a. Adjust the volume on the screen of your mobile device by moving the **Volume up** slider.
 - b. Add additional participants by tapping the **Add Participant** icon.
 - c. Split the conference call to separate calls by tapping **Conference**.
 - d. Mute the microphone by tapping **Microphone Muted**. To unmute, tap **Microphone Muted** again.
 - e. Enter Dual Tone Multi Frequency (DTMF) digits by tapping **Keypad**.
 - f. Put the call for any participant on hold by tapping **Arrow > Hold**.
 - g. Talk to any participant in private by tapping **Arrow > Talk Private**.
 - h. Disconnect any participant from the call by tapping **Arrow > Hang Up**.
3. To end the call, tap the **Hang Up** icon.

Managing contacts

About this task

Use this procedure to manage contacts with Avaya® Conference Assistant.

Procedure

1. On your mobile device, open Avaya® Conference Assistant.
2. Tap the **Contacts** icon.
3. To add a contact to your favorite contacts list, tap the **Contacts** tab and press the star symbol near the selected contact.
4. To open a list of your favorite contacts, tap **Favorites**.
5. To create a new conference group in the phone book, tap **Groups > Plus** on the screen.

Configuring the Avaya® Conference Assistant settings

About this task

Use this procedure to configure the Avaya® Conference Assistant settings from the application installed on a mobile device.

Procedure

1. Run Avaya® Conference Assistant on your mobile device.
2. **(Optional)** Connect to Avaya IX™ Conference Phone B199.
The phone displays a connection symbol on the screen.
3. Tap **Settings** and proceed with configuration.

Avaya® Conference Assistant settings

You can set the following parameters for Avaya IX™ Conference Phone B199 from the Avaya® Conference Assistant interface:

Name	Description
Connection	To enable or disable the connection to Avaya IX™ Conference Phone B199. The options are: <ul style="list-style-type: none"> • On: The default option. • Off: To use Avaya® Conference Assistant without connection to any Avaya IX™ Conference Phone B199. You can use the conferencing application from your mobile device within your mobile phone subscription.
Moderator code	To join the scheduled conference calls as a moderator. You must enter respective codes in the following fields: <ul style="list-style-type: none"> • Use moderator code: To host conference calls over a bridge service. For every call you join, Avaya® Conference Assistant uses your moderator code instead of your guest code. • Instead of guest code: To specify the guest code instead of which Avaya® Conference Assistant uses your moderator code.
Dial prefix	To enter the prefix digits in the Use prefix field.
My bridge	To enter the phone number and optional PIN code of the most frequently used conference service. You can use the My bridge button to join the conference call. The My bridge button appears in the calendar view.
Meeting notification	To set a reminder about a call. The options are: <ul style="list-style-type: none"> • 5 minutes before • 10 minutes before • 15 minutes before • Never
Calendars to show	To select the calendars in the mobile phone from which you want Avaya® Conference Assistant to take the information.

Table continues...

Name	Description
Tell a colleague	<p>To share information about Avaya® Conference Assistant with a person that you want. You can do it by using an email application.</p> <p>After you confirm that Avaya® Conference Assistant can get access to your email application, you see a message created. Along with the description of the application, it contains links to Avaya® Conference Assistant in App Store and Google Play so that the person can easily start the download.</p>
Read more about Conference Assistant	<p>To get additional information about Avaya® Conference Assistant. The application forwards you to the web site with the corresponding information.</p>
Diagnostics	<p>To select a log of the events for Avaya® Conference Assistant.</p> <p>You can send the created log by tapping Send through an email application. The log can be used in troubleshooting.</p> <p>You can also delete the logs from the application by tapping Clear.</p>
Show tutorial	<p>To read information about Avaya® Conference Assistant features.</p>
About Conference Assistant	<p>To check the version of the application installed on your mobile device.</p>

Chapter 7: Features and accessories

Expansion of the phone coverage

You can use your Avaya IX™ Conference Phone B199 on larger conference tables or when the number of a meeting participants is greater than 10. In this case you can ensure high-level quality of audio signal by expanding the phone coverage in the room without a PA system. You can do it by connecting Smart Mic expansion microphones to the phone or by cascading several B199 devices in a daisy chain.

Expansion of the phone coverage helps to improve the audio quality in large rooms. The conference phone and two Smart Mics increase the capture range from 30 square meters to up to 70 square meters. Three phones in a daisy chain increase the range from 30 square meters to up to 90 square meters.

Expansion coverage arrangement

You can organize a daisy chain with your conference phone and another B199 Conference Phone or connect Smart Mic expansion microphones. The maximum number of devices connected in a daisy chain is 3. One B199 phone acts as a central device (a “master”) and one or two other units act as expansion devices (“slaves”).

The typical arrangements when the phone’s coverage is expanded are the following:

- Master phone — Slave phone
- Slave phone — Master phone — Slave phone
- Master phone — Expansion microphone
- Expansion microphone — Master phone — Expansion microphone
- Expansion microphone — Master phone — Slave phone

When B199 Conference Phone acts as a master, it performs all its configured functions.

When B199 Conference Phone is in a subordinate position (a “slave”), it performs the following functions:

- Play audio received from the master device. The master phone defines the audio characteristics.
- Send its microphone audio to the master device.
- Receive and indicate mute state changes made on the master device.
- Send information to the master device, when you tap **Microphone Muted**.
- Send information to the master device when you adjust the volume on it.

*** Note:**

It is not possible to make calls between the master and the slave devices.

In a daisy chain each phone is powered by its own PoE injector. The phone powers the Smart Mics when these are connected. The power available from each port is around 5 W.

Arranging a daisy chain

About this task

Use this procedure to arrange a daisy chain of one master B199 phone and one or two slave conference phones or expansion microphones.

Before you begin

If you arrange the daisy chain made of several conference phones, prepare the connection cables. The cables in the Avaya Daisy Chain kit are 5 and 10 meters long. You can purchase the Avaya Daisy Chain kit as an accessory.

The cable of the Avaya Smart Mic is 3 m long.

Procedure

1. Connect the cable to the audio expansion port on the phone.
There are 2 audio expansion ports on B199 Conference Phone.
2. Connect the other end of the cable to the audio expansion port of the other phone.
In case of expansion microphones, the other end of the cable is fixed in the device.

Defining the mode of the phone

About this task

Use this procedure to define the mode of your Avaya IX™ Conference Phone B199 in a daisy chain.

Before you begin

Log in as the administrator.

- To define the mode of your B199 on the phone, do the following:
 1. In the Settings menu, tap **Phone > Daisy Chain**.
 2. Select the required mode.
The options are:
 - **Master**
 - **Slave**
 3. Tap < three times to return to the home screen.

The phone restarts application to apply the changes.

- To define the mode of your B199 Conference Phone through the web interface, do the following:
 1. On the web interface, click **Basic**.
 2. In Daisy Chain Mode, select the required mode from the drop-down list.

The options are:

- **Master**. This is the default mode.
 - **Slave**
3. Click **Save**.

The slave unit shows the following message on the screen: *Daisy Chain*. This message remains for the period when the phone is in the slave mode within the daisy chain arrangement.

Disabling the daisy chain mode

About this task

You can disable the Daisy Chain mode through the web interface or from the phone.

Before you begin

Ensure that the phone displays the Daisy Chain icon.

- To disable the Daisy Chain mode from the web interface, do the following:
 1. On the web interface, click **Basic**.
 2. In Daisy Chain Mode, select **Master**.
 3. Click **Save**.
- To disable the Daisy Chain mode from the phone, do the following:
 1. Touch the phone screen and enter the administrator password.
 2. Tap **Phone > Daisy Chain**.
 3. Select the **Master** mode.
 4. Tap < three times to return to the home screen.

Application restarts and restores the Master status.

Upgrading Smart Expansion Microphone

About this task

You can upgrade the Smart Expansion Microphone when an update for the microphone is available. If the update is available, the phone shows the following message during boot after a

factory reset or firmware upgrade: An update for your Smart Microphone is available. See user manual.

Procedure

1. Hold the **Microphone Muted** button on the Smart Expansion Microphone while you connect the microphone cable, and keep holding the button for 5 seconds after you inserted the cable.

When you release the button, it flashes red one time and then starts flashing green to indicate that the upgrade process has started. The upgrade process takes about 7 minutes. When the upgrade is completed, the microphone LEDs turn off.

2. Check the microphone version by doing one of the following:
 - On the phone screen, tap **Settings > Status**.
 - On the web interface, go to the **Status** tab.

Chapter 8: Maintenance

Device status

You can find the information about Avaya IX™ Conference Phone B199 status, including its current settings, through the web interface. This information can be useful for troubleshooting.

The following table describes the type of the information available in each of the Status tab sections.

Section name	Description
General	To show the status information of B199 Conference Phone, including the following: <ul style="list-style-type: none">• Phone Name• Product Name• Build Version• HW Revision• Serial Number• Smart Microphone 1 Version• Smart Microphone 2 Version
Network	To show the information about the network settings of the phone. You can see the following information: <ul style="list-style-type: none">• IP address• MAC Address• Bluetooth MAC Address• Hostname• Network Mask• Domain• Gateway• Primary DNS• Secondary DNS

Table continues...

Section name	Description
SIP	To show the information about the SIP settings of the phone. You can see the following information: <ul style="list-style-type: none"> • Primary Account Status • Secondary Account Status • Fallback Account Status
Time and Region	To show the information about the time and region settings of the phone. You can see the following information: <ul style="list-style-type: none"> • NTP Status • Time • Date • Timezone
DES	To show the DES status. The options are: <ul style="list-style-type: none"> • Enabled. Cannot be changed • Enable • Disabled. Cannot be changed • Disable

 **Note:**

You can not change settings in the Status tab.

Viewing the phone status

About this task

Use this procedure to view the status and settings of Avaya IX™ Conference Phone B199 through the web interface.

Procedure

1. Log in to the web interface.
2. Select the **Status** tab.

Licenses

Some parts of the phone software are subject to open source license agreements. You can get the information about the use and redistribution conditions for the following:

- BSD. This is the Berkeley Software Distribution system for distribution of the source code to the operating system.
- GPL v2.0. This is the General Public License, version 2.0, which guarantees the end users the freedom to run, study, share and modify the software.
- LGPL v2.1. This is the Lesser General Public License, version 2.1, which is applicable to specially designated software packages of the Free Software Foundation and some other authors.
- GFDL v1.2. This is the GNU Free Documentation License, version 1.2, providing the freedom to copy and redistribute specific documentation.
- GFDL v1.3. This is the GNU Free Documentation License, version 1.3.
- ISC. This is the Internet Systems Consortium permissive free software license.
- MIT. This is the Massachusetts Institute of Technology permissive free software license.
- OpenSSL. This is the license to use OpenSSL being a software library for applications that secure network communications and help to identify the party at the other end.
- PHP v3.0. This is the license under which the PHP scripting language is released.
- bzip2. This is the license to a free and open-source file compression software that compresses single files.
- socat. This is the license to a relay for bidirectional data transfer between two independent data channels.
- Libpng. This is the license which defines the terms under which the libpng software library can be distributed.
- Qt-Company-Commercial. This is the license for development of proprietary software when the source code is not to be shared with third parties or there are other inconsistencies with the terms of the LGPL license.
- TI-TSPA. This is the Texas Instruments Incorporated license to publicly available technology and software.
- Zlib. This is the license which defines the terms under which the zlib software library can be distributed.

 **Note:**

You can get the license information only through the web interface.

Viewing licenses

About this task

Use this procedure to view the status and settings of Avaya IX™ Conference Phone B199 through the web interface.

Procedure

1. Log in to the web interface.
2. Select the **Licenses** tab.
3. Select the license that you want to view from the list of licenses available.

Chapter 9: Related resources

Documentation

See the following related documents at <http://support.avaya.com>.

Title	Use this document to:	Audience
Overview and Specification		
<i>Avaya IX™ Conference Phone B199 Conference IP Phone Overview and Specification</i>	Get an understanding of Avaya IX™ Conference Phone B199 and the features available to users.	Implementation personnel, administrators, and end users
Deploying		
<i>Administering Avaya Aura® System Manager</i>	Get an understanding of Avaya Aura® System Manager.	Implementation personnel and administrators
<i>Administering Avaya Aura® Communications Manager</i>	Get an understanding of Avaya Aura® Communication Manager.	Implementation personnel and administrators
<i>Administering Avaya Aura® Session Manager</i>	Get an understanding of Avaya Aura® Session Manager.	Implementation personnel and administrators
<i>IP Office SIP Telephone Installation Notes</i>	Get an understanding of IP Office system installation.	Implementation personnel and administrators
<i>Deploying Avaya IP Office™ Platform IP500 V2</i>	Get an understanding of Avaya IP Office 500.	Implementation personnel and administrators
<i>Installing and Administering Avaya IX™ Conference Phone B199 Conference IP Phone</i>	Install, configure, and maintain Avaya IX™ Conference Phone B199	Implementation personnel and administrators
Using		
<i>Using Avaya IX™ Conference Phone B199 Conference IP Phone</i>	Set up and use Avaya IX™ Conference Phone B199.	End users
Quick Reference		
<i>Avaya IX™ Conference Phone B199 Conference IP Phone</i>	Reference Avaya IX™ Conference Phone B199 features quickly.	End users

Finding documents on the Avaya Support website

Procedure

1. Go to <https://support.avaya.com>.
2. At the top of the screen, type your username and password and click **Login**.
3. Click **Support by Product > Documents**.
4. In **Enter your Product Here**, type the product name and then select the product from the list.
5. In **Choose Release**, select the appropriate release number.
The **Choose Release** field is not available if there is only one release for the product.
6. In the **Content Type** filter, click a document type, or click **Select All** to see a list of all available documents.
For example, for user guides, click **User Guides** in the **Content Type** filter. The list only displays the documents for the selected category.
7. Click **Enter**.

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 <http://www.avaya.com/support>.
2. Log on to the Avaya website with a valid Avaya user ID and password.
The system displays the Avaya Support page.
3. Click **Support by Product > Product-specific Support**.
4. In **Enter Product Name**, enter the product, and press `Enter`.
5. Select the product from the list, and select a release.
6. Click the **Technical Solutions** tab to see articles.
7. Select relevant articles.

Viewing Avaya Mentor videos

Avaya Mentor videos provide technical content on how to install, configure, and troubleshoot Avaya products.

About this task

Videos are available on the Avaya Support website, listed under the video document type, and on the Avaya-run channel on YouTube.

- To find videos on the Avaya Support website, go to <https://support.avaya.com/> and do one of the following:
 - In **Search**, type `Avaya Mentor Videos`, click **Clear All** and select **Video** in the **Content Type**.
 - In **Search**, type the product name. On the Search Results page, click **Clear All** and select **Video** in the **Content Type**.

The **Video** content type is displayed only when videos are available for that product.

In the right pane, the page displays a list of available videos.

- To find the Avaya Mentor videos on YouTube, go to www.youtube.com/AvayaMentor and do one of the following:
 - Enter a key word or key words in the **Search Channel** to search for a specific product or topic.
 - Scroll down Playlists, and click a topic name to see the list of videos available for the topic. For example, Contact Centers.

* Note:

Videos are not available for all products.

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