BOSE

PRELIMINARY

VIDEOBAR VB1

Please read and keep all safety, security, and use instructions.

Important Safety Instructions

Refer to the owner's guide for more information about your Bose Videobar VB1 (including accessories and replacement parts) at **worldwide.Bose.com/support/VB1** or contact Bose customer service for a printed copy.

1. Read these instructions.

2. Keep these instructions.

3. Heed all warnings.

4. Follow all instructions.

5. Do not use this apparatus near water.

6. Clean only with a dry cloth.

7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where it exits from the apparatus.

10. Only use attachments/accessories specified by the manufacturer.

11. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

12. Unplug this apparatus during lightning storms or when unused for long periods of time.

13. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNINGS/CAUTIONS

This symbol on the product means there is uninsulated, dangerous voltage within the product enclosure that may present a risk of electrical shock.

This symbol on the product means there are important operating and maintenance instructions in this guide.

Contains small parts which may be a choking hazard. Not suitable for children under age 3.

This product contains magnetic material. Consult your physician on whether this might affect your implantable medical device.

Use at altitude less than 2000 meters only.

All Bose products must be installed in accordance with local, state, federal and industry regulations. It is the installer's responsibility to ensure installation of the loudspeakers and mounting system is performed in accordance with all applicable codes, including local building codes and regulations. Consult the local authority having jurisdiction before installing this product.

When positioning the product, make sure it is not blocking any ventilation openings on your display. Refer to the owner's guide for your display and install it in accordance with the manufacturer's instructions.

Do NOT make unauthorized alterations to this product.

When replacement batteries are needed, use only AAA/LR03 alkaline batteries.

Batteries may cause a fire or chemical burn if mishandled. Do not recharge, disassemble, heat, or incinerate.

Keep batteries out of reach of children.

If a battery leaks, do not allow the liquid to come in contact with the skin or eyes. If contact is made, seek medical advice.

Do not expose products containing batteries to excessive heat (e.g. from storage in direct sunlight, fire or the like).

Only use the included hardware to mount this product.

Only for wall-mounting on the following surfaces: Wallboard ≥ 3/8 in (10 mm)

If mounted on surfaces other than stated above, please contact a professional installer.

The interconnect cables included with this system are not approved for in-wall installation. Please check your local building codes for the correct type of wire and cable required for in-wall installation.

Do not mount on surfaces that are not sturdy, or that have hazards concealed behind them, such as electrical wiring or plumbing.

Do NOT use in vehicles or boats.

Due to ventilation requirements, Bose does not recommend placing the product in a confined space such as in a wall cavity or in an enclosed cabinet.

Do not place or install the bracket or product near any heat sources, such as fireplaces, radiators, heat registers or other apparatus (including amplifiers) that produce heat.

Keep the product away from fire and heat sources. Do NOT place naked flame sources, such as lighted candles, on or near the product.

To reduce the risk of fire or electrical shock, do NOT expose the product to rain, liquids, or moisture.

Do NOT expose this product to dripping or splashing and do not place objects filled with liquids, such as vases, on or near the product.

This product is not intended for installation or use in indoor water facility areas (including, without limitation, indoor pools, indoor water parks, hot tub rooms, saunas, steam rooms and indoor skating rinks).

Do not mount the product in locations where condensation may occur.

Do NOT use a power inverter with this product.

Use this product only with the power supply provided.

Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Regulatory Information

Dimensions (H × W × D): 48 × 659 × 102 mm (1.9 × 27.0 × 4.0 in)

Net Weight: 2.5 kg (5.6 lb)

Input Rating: 24 VDC ⎓, 1.875 A

This equipment should be installed and operated with a minimum distance of 20 cm between radiator and your body.

Shielded cables are required to maintain regulatory compliance

CAN ICES-3 (B)/NMB-3(B)

Information About Products That Generate Electrical Noise (FCC Compliance Notice for US)
NOTE: 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 designed to provide reasonable protection against harmful interference 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 interference 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.

Changes or modifications not expressly approved by Bose Corporation could void the user's authority to operate this equipment.

This device complies with part 15 of the FCC Rules and with ISED Canada's license-exempt RSS standard(s).

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 interference that may cause undesired operation.

Management Regulation for Low-power Radio-frequency Devices

Article XII: According to "Management Regulation for Low-power Radio-frequency Devices", without permission by the NCC, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power, or alter original characteristics, as well as performance, to an approved low power radio-frequency device.

Article XIV: The low power radio-frequency devices shall not influence aircraft security and interfere with legal communications; If found, the user shall cease operating immediately until no interference is achieved. The said legal communications means radio communications in compliance with the Telecommunications Act.

The low power radio-frequency devices must be susceptible with the interference from legal communications or ISM radio wave radiated devices.

CE Bose Corporation hereby declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and all other applicable EU directive requirements. The complete declaration of conformity can be found at: **www.Bose.com/compliance**.

This device for operation in the 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

For Europe:
Frequency band of operation 2400 to 2483.5 MHz:
Bluetooth/Wi-Fi: Maximum transmit power less than 20 dBm EIRP.
Bluetooth Low Energy: Maximum power spectral density less than 10 dBm/MHz EIRP.
Frequency bands of operation 5150 to 5350 MHz and 5470 to 5725 MHz:
Wi-Fi: Maximum transmit power less than 20 dBm EIRP.

This device is restricted to indoor use when operating in the 5150 to 5350 MHz frequency range in all EU Member States listed in the table.

	BE	DK	IE	UK	FR	CY	SK	HU	AT	SE	BG	DE	PT	EL
	HR	LV	LT	MT	PL	CZ	EE	FI	ES	IT	RO	LU	NL	SI

This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health, and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where you bought this product.

Please dispose of used batteries properly, following any local regulations. Do not incinerate.

廢電池請回收

China Restriction of Hazardous Substances Table

Part Name	Names and Contents of Toxic or Hazardous Substances or Elements					
	Toxic or Hazardous Substances and Elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent (CR(VI))	Polybrominated Biphenyl (PBB)	Polybrominated diphenylether (PBDE)
PCBs	X	O	O	O	O	O
Metal Parts	X	O	O	O	O	O
Plastic Parts	O	O	O	O	O	O
Speakers	X	O	O	O	O	O
Cables	X	O	O	O	O	O

This table is prepared in accordance with the provisions of SJ/T 11364.

O: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement of GB/T 26572.

X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement of GB/T 26572.

Taiwan Restriction of Hazardous Substances Table

Unit	Equipment name: Bose Videobar VB1 Type designation: 433869					
	Restricted substances and its chemical symbols					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr+6)	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
PCBs	−	○	○	○	○	○
Metal Parts	−	○	○	○	○	○
Plastic Parts	○	○	○	○	○	○
Speakers	−	○	○	○	○	○
Cables	−	○	○	○	○	○

Note 1: "○" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

Note 2: The "−" indicates that the restricted substance corresponds to the exemption.

Date of Manufacture: The eighth digit in the serial number indicates the year of manufacture; "0" is 2010 or 2020.

China Importer: Bose Electronics (Shanghai) Company Limited, Part C, Plant 9, No. 353 North Riying Road, China (Shanghai) Pilot Free Trade Zone

EU Importer: Bose Products B.V., Gorslaan 60, 1441 RG Purmerend, The Netherlands

Mexico Importer: Bose de México, S. de R.L. de C.V. , Paseo de las Palmas 405-204, Lomas de Chapultepec, 11000 México, D.F. Phone Number: +5255 (5202) 3545

Taiwan Importer: Bose Taiwan Branch, 9F-A1, No. 10, Section 3, Minsheng East Road, Taipei City 104, Taiwan. Phone Number: +886-2-2514 7676

Bose Corporation Headquarters: 1-877-230-5639

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The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

The *Bluetooth*® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Bose Corporation is under license.

Wi-Fi is a registered trademark of Wi-Fi Alliance®.

Bose, Bose Videobar VB1, and Videobar are trademarks of Bose Corporation.

All other trademarks are the property of their respective owners.

The Bose Privacy Policy is available on the Bose website.

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Please complete and retain for your records.

The serial and model numbers are located on the rear panel of the product.

Serial number: _____

Model number: _____

Warranty Information

This product is covered by a limited warranty.

For warranty details, visit **PRO.BOSE.COM**.

WHAT'S IN THE CARTON

SETUP

SOFTWARE APPLICATIONS

PRODUCT DETAILS

OPERATION

CARE AND MAINTENANCE

TROUBLESHOOTING

WHAT'S IN THE CARTON
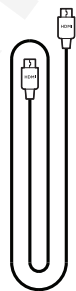
Contents

Bose Videobar VB1
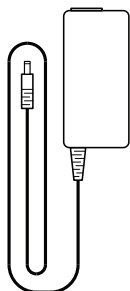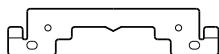
Power supply

Power cord

USB-C cable

HDMI cable

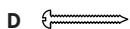Table stand
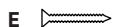
A ▭ Table stand screw (2)

Wall-mount bracket
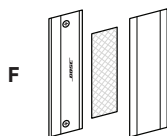
B Large drywall anchor (4)

C Drywall anchor pushpin

D Pan-head screw (2)
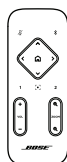
E Flat-head screw (2)

F

G Small drywall anchor (2)

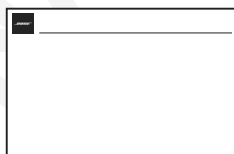**H** Small flathead screw (2)

I

J Small drywall anchor

K Small flathead screw

Remote control
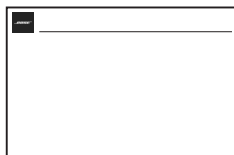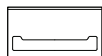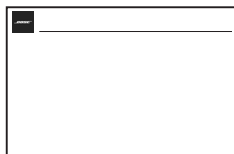
Quick start guide

AAA/LR03 batteries (2)

Table-mount setup guide

Camera privacy cover

Wall-mount setup guide

USB-C-to-A adapter

2-pin Euroblock connector

Safety instruction guide

SETUP

CAUTION: Do NOT place the VB1 on its front, back or top when in use.

Mount the VB1 on a Table/Shelf/Credenza

For best performance, follow these recommendations when setting up the VB1 on a table, shelf, credenza, etc.:

Do NOT place any objects on top of the VB1.

Avoid placing the VB1 near air conditioning vents, heaters or radiators, fans, or other sources of noise or vibrations.

To avoid wireless interference, keep other wireless equipment **0.3–0.9 m (1–3 ft)** away from the VB1. Place the VB1 outside and away from metal cabinets, other audio/video components and direct heat sources.

Make sure there is an AC (mains) outlet nearby.

Place the VB1 directly below (preferred) or above your TV with the grille facing into the room.

For best sound quality, do NOT place the VB1 in an enclosed cabinet or diagonally in a corner.

Place the VB1 in its table stand on a stable and level surface.

Position the front of the VB1 so the surface is not visible in the camera's image.

Make sure the meeting room can be well lit during a meeting.

Make sure the seating area of all meeting participants fits within the camera's field of view (FOV). All meeting participants must be in the FOV in order for the autoframing feature to work properly (see **Enable/Disable Autoframing** (Page 35)).

The FOV of the VB1 camera is 109° horizontal, 67° vertical.

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A

A
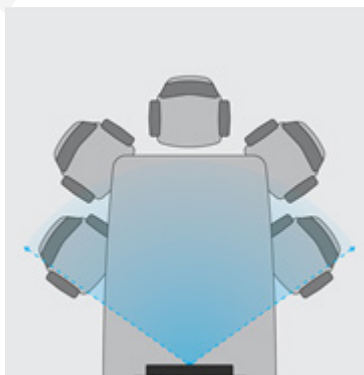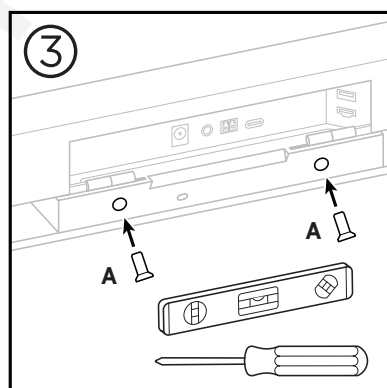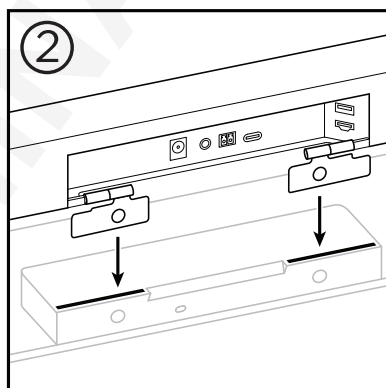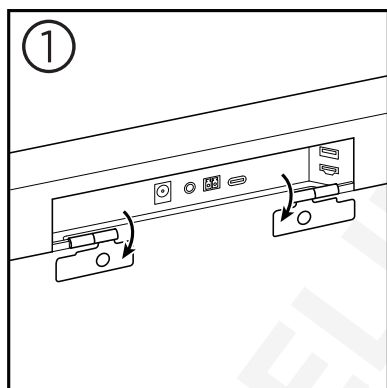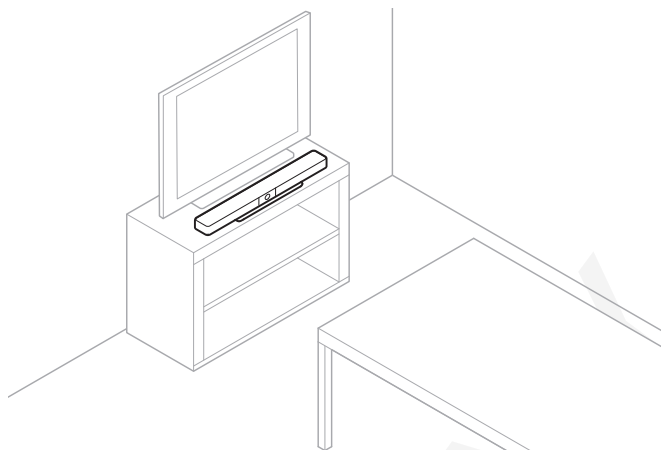
Mount the VB1 on a Wall

For best performance, follow these recommendations when setting up the VB1 on a wall:

Do NOT place any objects on top of the VB1.

Avoid placing the VB1 near air conditioning vents, heaters or radiators, fans, or other sources of noise or vibrations.

To avoid wireless interference, keep other wireless equipment **0.3–0.9 m (1–3 ft)** away from the VB1. Place the VB1 outside and away from metal cabinets, other audio/video components and direct heat sources.

Make sure there is an AC (mains) outlet nearby.

Place the VB1 directly below (preferred) or above your TV with the grille facing into the room.

For best sound quality, do NOT place the VB1 in an enclosed cabinet or diagonally in a corner.

When determining where to attach the wall-mount bracket to the wall, make sure there is enough space around the bracket to fit the VB1:

There must be at least **38 mm (1.5 in)** above the wall-mount bracket. This will allow you to "hang" the VB1 on it (Step 7) and to adjust the angle of the VB1. It will also provide enough space to access the rear-panel connections on the VB1.

There must be at least **11.4 cm (4.5 in)** below the wall-mount bracket. This will allow you to hang the VB1 vertically during installation to insert cables and to adjust the angle of the VB1.

The space must be at least **73.7 cm (29.0 in)** wide—with the wall-mount bracket in the center of it. This is necessary to accommodate the VB1 plus space to access the acoustic port and buttons on the sides of the VB1 (there should be **2.5 cm (1.0 in)** on each side).

Make sure the meeting room can be well lit during a meeting.

Make sure the seating area of all meeting participants fits within the camera's field of view (FOV). All meeting participants must be in the FOV in order for the autoframing feature to work properly (see **Enable/Disable Autoframing** (Page 35)).

The FOV of the VB1 camera is 109° horizontal, 67° vertical.
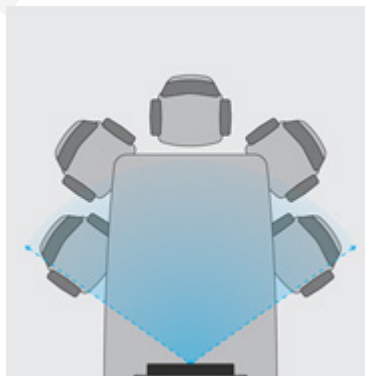
Note: Some additional tools are required.

Note: Read the included Important Safety Instructions before continuing.
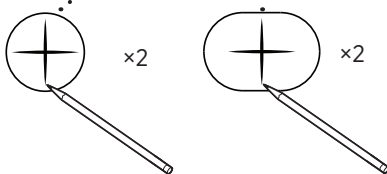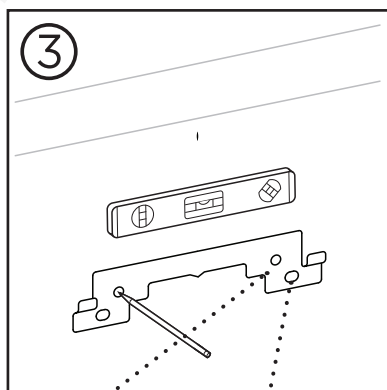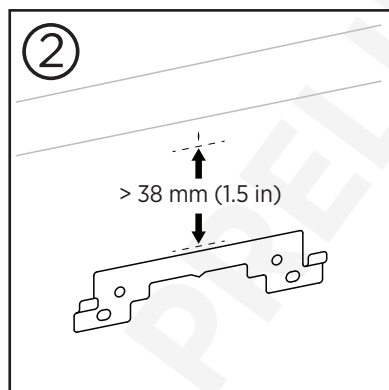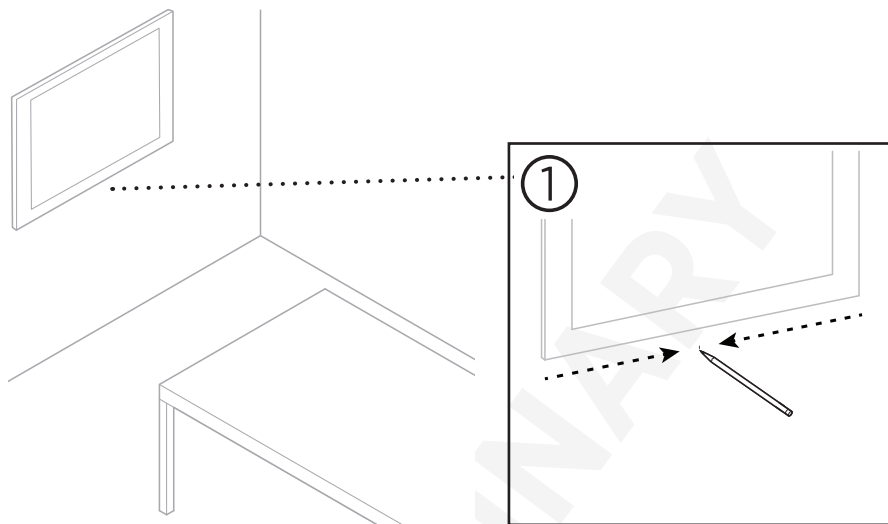
④

WARNINGS:

Do not mount on surfaces that are not sturdy, or that have hazards concealed behind them, such as electrical wiring or plumbing. If unsure, please contact a professional installer.

The included hardware is not suitable for masonry surfaces.
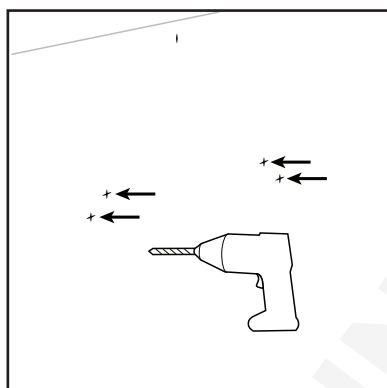
7.9 mm (5/16 in)

4.8 mm (3/16 in)

Wallboard

7.9 mm
(5/16 in)

Wood stud

4.8 mm
(3/16 in)

Metal stud

4.8 mm
(3/16 in)

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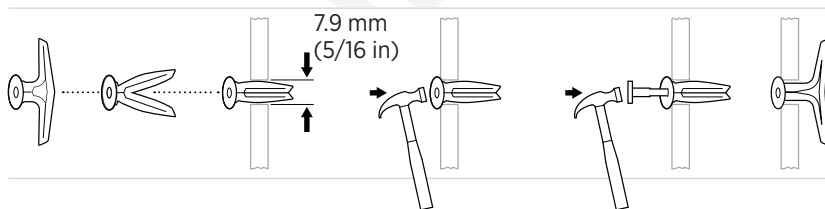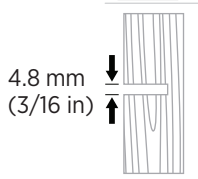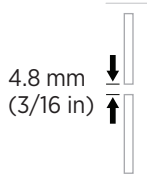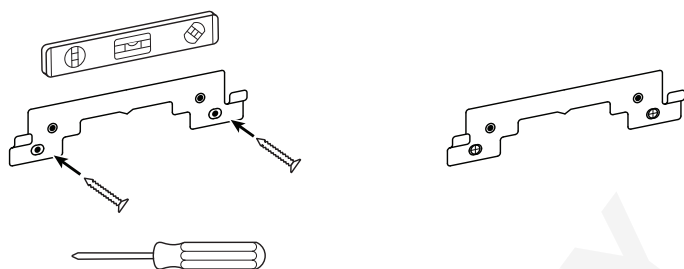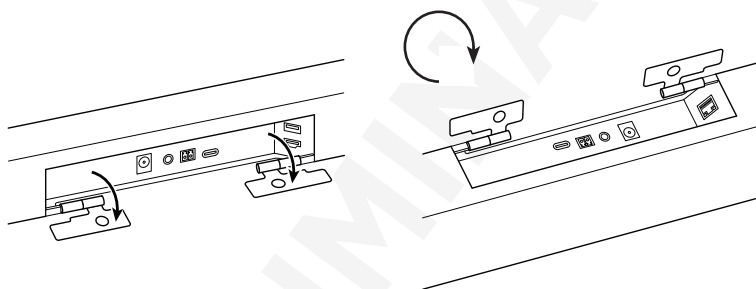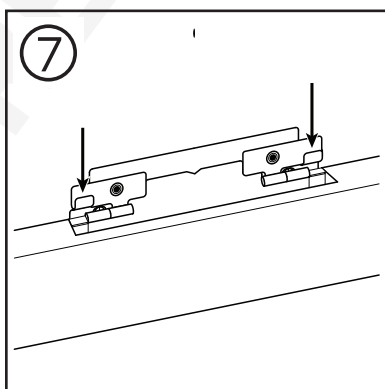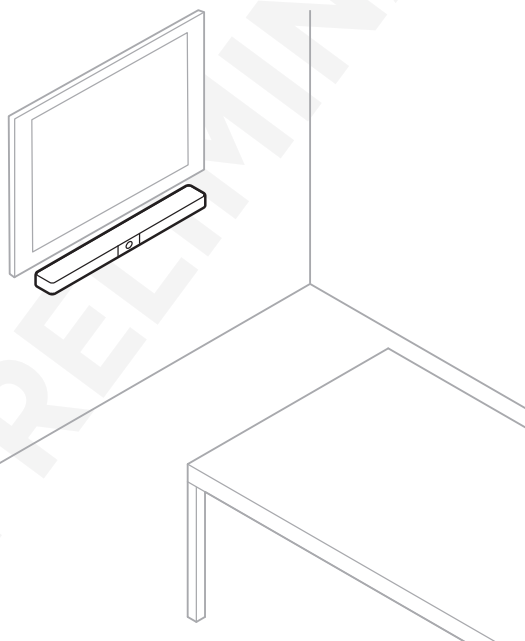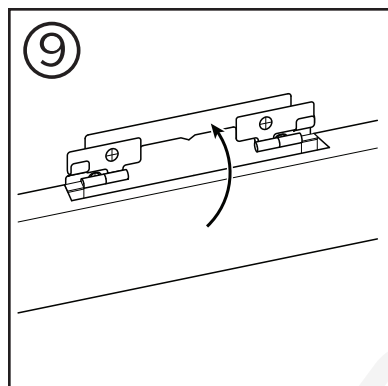
Camera Privacy Cover
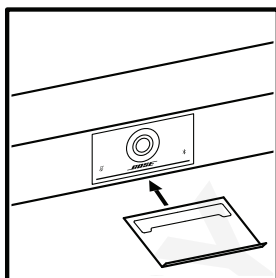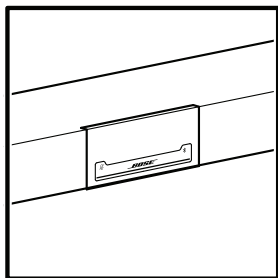
The included camera privacy cover enables you to completely cover the camera's field of view without hiding the indicators and the light bar.

The cover is magnetic. Allow the magnets to fasten the cover in place.

Cable Connections

You can configure the Bose Videobar VB1 to operate either as a "standalone" device or as one of multiple VB1s in a network.

To set up the cable connections for the VB1:

1. Attach the VB1 to its table stand or mount it on the wall. See **Setup** (Page 11) for more information.

2. Connect the included USB-C cable to the **USB-C to PC** port on the rear panel of the VB1.

   Leave the other end of this cable on the table, so the meeting host can easily connect or disconnect their computer each meeting.

   Note: If a computer hosting a meeting has USB-A ports only, attach the included USB-C-to-A adapter to the computer end of the USB-C cable.

3. Use the included HDMI cable to connect the **HDMI Display** port on the rear panel of the VB1 to an HDMI port on a video display or monitor.

4. Optional: If you will use the VB1 in a network, use a Cat 5 cable to connect the Network port on the rear panel of the VB1 to a port on a LAN port, a network switch, etc.

5. Optional: Connect a 3.5 mm (1/8 in) stereo cable to the **Audio In** jack on the rear panel of the VB1.

   Leave the other end of this cable on the table, so a user can easily connect or disconnect an audio source (stereo system, mobile device, etc.) each meeting.

   The pin-out configuration is:
      1. Tip = Left
      2. Ring = Right
      3. Sleeve/Ring 2 = Ground

6. Connect the included power supply to the **Power** input on the rear panel.

7. Use the included power cable to connect the power supply to a power outlet. The VB1 will power on automatically when connected to a power source.

There are several software applications that enable you to configure the Bose Videobar VB1 for optimal performance. See **Software Applications** (Page 22) for more information.

If you need to use a USB extender, the Bose Videobar VB1 has been tested and works with the following models :

Icron USB 2.0 Ranger® 2301 (for USB 3.0 usage)

Cable Management

The included cable management cover can hold all permanent cabling in place against a wall.
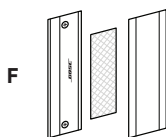
G	Small drywall anchor (2)	
H	Small flathead screw (2)	

To install the cable management cover:

1. Place and hold the back of the cable cover **(F)** (the piece with the screw holes) against desired location on wall.

2. Mark the center of the two screw holes on wall, and remove the back of the cable cover.

3. If that part of the wall has a stud behind it, drill two **2.4 mm (3/32 in)** holes into the wall.

   If that part of the wall has no stud behind it, drill two **5 mm (3/16 in)** holes into the wall.

4. If that part of the wall has no stud behind it, drive the two small drywall anchors **(G)** into the wall.

5. Align the back of the cable cover **(F)** with the screw holes.

6. Drive the two small flat-head screws **(H)** into the back of the cable cover to secure it to the wall.

7. Gather the cables and place along the "guide" of the back of the cable cover (on the wall).

8. Remove the adhesive strip from the cable cover foam **(F)**.

9. Firmly place the foam strip on the back of the cable cover, next to the gathered cables.

10. Place the front of the cable cover **(F)** over gathered cables and foam so it adheres.

I ⟋

J ▭▭ Small drywall anchor

K ▭▭▷ Small flathead screw
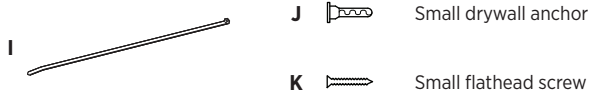
To fasten the power supply cord to the wall:

1. Determine where on the wall you want to fasten the power supply cord.

2. Mark a screw hole on wall.

3. If that part of the wall has a stud behind it, drill a **2.4 mm (3/32 in)** hole into the wall.

   If that part of the wall has no stud behind it, drill a **5 mm (3/16 in)** hole into the wall.

4. If that part of the wall is has no stud behind it, drive the small drywall anchor **(J)** into the wall.

5. Align the eyelet of the cable tie **(I)** with the screw hole.

6. Drive the small flat-head screw **(H)** into the eyelet of the cable tie to secure it to the wall.

SOFTWARE APPLICATIONS

Three software applications enable you to configure the Bose Videobar VB1:

Use **Bose Work Configuration** software — available for Windows and macOS or via web browser — for device setup and configuration.

Features:

Control camera: pan, tilt, zoom, presets, and autoframing

Password-protected administration and configuration

Install firmware updates, create and apply profiles, adjust network,

Bluetooth, advanced camera settings, and more

Notifies you if a Bose Work device software update is available

Available for Windows and macOS or via web browser, which provides all the functionality of the desktop software over a network connection

Use **Bose Work Management** software for remote management, for single-device or enterprise-wide, multi-device changes, and to view device status in real time.

Features:

See device status and control critical functions of all your Bose Videobar VB1 devices from a single location

Schedule firmware updates to all or only selected devices

View, edit, save parameters by device or group of devices

Discover all devices on the network; create, save, and apply device profiles

Available for Windows

The **Bose Work** mobile app allows anyone in the room to control the Bose Videobar VB1 with their smartphone — adjust volume, mute, pan, tilt, zoom, zoom presets, and Bluetooth pairing.

Features:

Real-time control of volume, mute, pan, tilt, zoom, zoom presets, and Bluetooth pairing from your mobile device

Uses Bluetooth and ultrasonic pairing to automatically discover and communicate with the Bose Videobar VB1

Available for iOS and Android

Bose Work Configuration Software

You can use the Bose Work Configuration software in two ways:

You can use the desktop version of the app with your computer connected to a VB1.

You can use the browser-based version of the app with your computer and VB1 connected over a network.

To download and install the Bose Work Configuration desktop app on your computer:

1. On your computer, visit **[URL]**.

2. Download the **Bose Work Configuration Software** ZIP file.

3. Open the ZIP file, and then double-click the installer.

4. Follow the on-screen steps to complete the installation.

To access and use the Bose Work Configuration desktop app to configure the VB1:

1. Power on both your computer and the VB1.

2. Connect your computer to the **USB-C to PC** port on the VB1. The Bose Work Configuration app will open automatically.

To access and use the browser-based Bose Work Configuration webUI software to configure the VB1 over a network connection:

1. Power on both your computer and the VB1.

2. Connect your computer and the VB1 to the same network by doing one of the following:

Use a Cat 5 cable to connect your computer directly to the **Network** port on the rear panel of the VB1.

Connect your computer and the **Network** port on the rear panel of each VB1 to a LAN port, a network switch, etc. on the same network.

3. Enter the IP address of the desired VB1 into the address bar of a web browser on your computer, and press **Enter**. (You can determine the IP address of the VB1 using the Bose Work Configuration desktop app.) The Bose Work Configuration webUI will open.

Note: On some browsers, you may see a security warning like this:

> ⚠
>
> **Your connection is not private**
>
> Attackers might be trying to steal your information from **169.254.32.128** (for example, passwords, messages, or credit cards). Learn more
>
> NET::ERR_CERT_AUTHORITY_INVALID
>
> ☐ Help improve Chrome security by sending URLs of some pages you visit, limited system information, and some page content to Google. Privacy policy
>
> Advanced   Back to safety

This is normal and not a security risk. Click **Advanced**.

You may then receive a follow-up message:

> This server could not prove that it is **169.254.32.128**; its security certificate is not trusted by your computer's operating system. This may be caused by a misconfiguration or an attacker intercepting your connection.
>
> Proceed to 169.254.32.128 (unsafe)
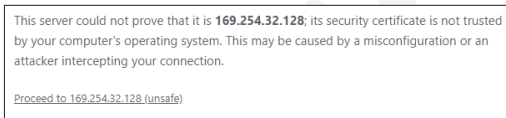
This is also normal. Click the **Proceed to...** link to proceed to the webUI login page. The Bose Work Configuration webUI will open.

You can configure more advanced settings with password-protected administrative access. The factory default administrator password is: **Bose123!**

To access the help file system for the Bose Work Configuration software, visit **[URL]**.

Bose Work Management Software

To download the Bose Work Management software:

1. On your computer, visit **[URL]**.

2. Download the **Bose Work Management Software** ZIP file.

3. Open the ZIP file, and then double-click the installer.

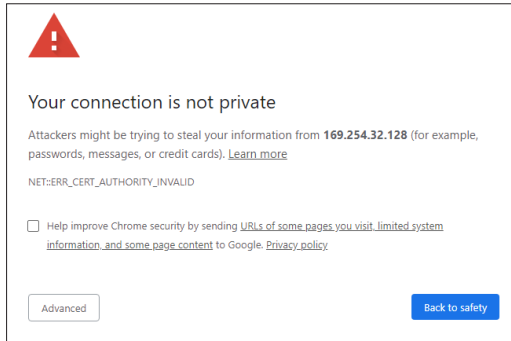4. Follow the on-screen steps to complete the installation.

To access and use the Bose Work Management software to configure one or more VB1s over a network connection:

1. Connect your computer and each VB1 to the same network by doing one of the following:

   Use a Cat 5 cable to connect your computer to the **Network** port on the rear panel of each VB1.

   Connect your computer and the **Network** port on the rear panel of each VB1 to a LAN port, a network switch, etc. on the same network.

2. Open the Bose Work Management software.

To access the help file for the Bose Work Management software, visit **[URL]**.

Bose Work Mobile App

To download the Bose Work mobile app:

1. Search for and download the **Bose Work** app from the App Store℠ or Google Play™.

2. Open the app on your mobile device.

3. On your mobile device, connect to **Bose Videobar VB1**.

To access the help file for the Bose Work mobile app, visit **[URL]**.

PRODUCT DETAILS

Panels

Front Panel
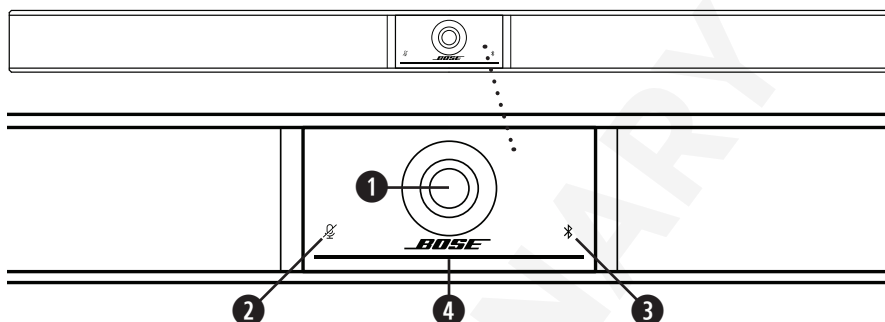
1. **Camera:** See **Adjust the Camera** (Page 33) to learn more about this.

2. **Mute indicator:** This light indicates the current status of the VB1 microphones:

    Solid red: The microphones are off.

    Off: The microphones are on.

3. **Bluetooth indicator:** This light indicates the current status of VB1 Bluetooth connectivity:

    Slowly pulses blue: The VB1 is available to pair to a Bluetooth mobile device.

    Solid white: The VB1 is connected to a Bluetooth mobile device.

    Off: The Bluetooth connectivity on the VB1 is currently off.

4. **Light bar:** See **Light Bar** (Page 30) to learn more about this.

Side Panel
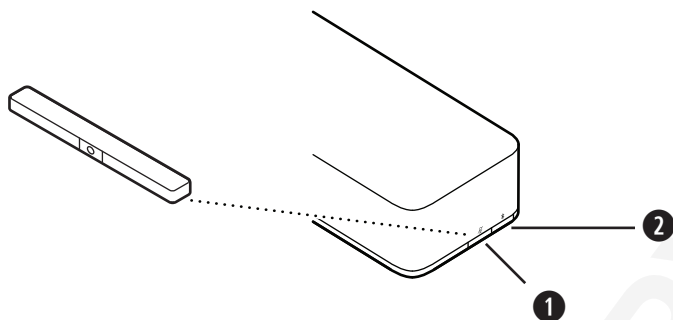
1. **Mute button:** Press this button to mute or unmute the VB1 microphones.

2. **Bluetooth button:** Press and hold this button for 3 seconds to make the VB1 available to pair to a Bluetooth mobile device. You can then connect a mobile device to the VB1 for audio playback or for use as a hands-free audio interface.

Rear Panel
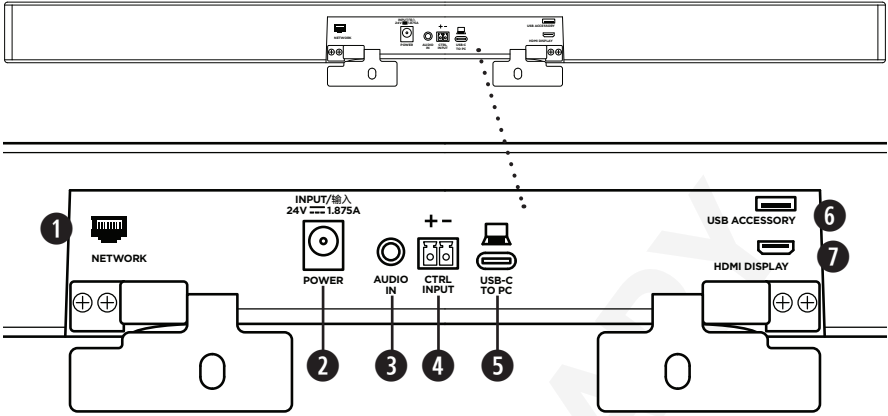
Note: To use this HDMI output, your computer must have the latest DisplayLink® driver installed. Visit **displaylink.com/downloads** to download the latest driver.

1. **Network:** Use a network cable to connect this port to a port on a network switch, your enterprise network, etc. This port is on the inner side of the rear panel.

2. **Power:** Connect the included power supply to this input.

3. **Audio In:** Use a 3.5 mm (1/8 in) stereo cable to connect this output to an optional audio source, such as the audio output from a connected monitor or display.

4. **Ctrl Input:** Use the port for Mute override using the included 2-pin Euroblock connector.

5. **USB-C to PC port:** Use the included USB-C cable to connect this port to the computer that will host the meeting.

6. **USB Accessory (USB-A):** Use a standard USB cable to connect this port to an additional camera, if needed. This port is on the inner side of the rear panel.

7. **HDMI Display port:** Use the included HDMI cable to connect this port to the display you will use for the meetings. This port is on the inner side of the rear panel.

Remote Control

The Bose Videobar VB1 includes a remote control that enables you to adjust camera and volume settings, mute the microphones, and make the VB1 available to pair to a Bluetooth mobile device.

Note: All remote control functions are also available in the software apps that enable you to configure the Bose Videobar VB1. See **Software Applications** (Page 22) for more information.

Home Preset: Press this button to quickly position the camera at preconfigured pan, tilt, and zoom settings.

Mute: Press this button to mute or unmute the VB1 microphones.

Camera Pan: Press one of these buttons to pan the camera left and right (**<** or **>**). Press a button once to adjust the camera in increments, or press and hold it for continuous adjustment.

Presets 1 & 2: Press this button to quickly position the camera at preconfigured pan, tilt, and zoom settings.

Bluetooth: Press and hold this button for 3 seconds to make the VB1 available to pair to a Bluetooth mobile device. You can then connect a mobile device to the VB1 for audio playback or for use as a hands-free audio interface.

Camera Tilt: Press one of these buttons to tilt the camera up and down (**Λ** or **V**). Press a button once to adjust the camera in increments, or press and hold it for continuous adjustment.

Volume: Press one of these buttons to increase or decrease (**+** or **−**) the volume of the VB1 speakers.
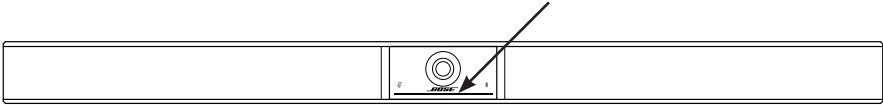
Camera Zoom: Press one of these buttons to increase or decrease (**+** or **−**) the zoom distance of the VB1 camera.

Autoframe: Press this button to enable the autoframe feature. This will automatically and continuously adjust the pan, tilt, and zoom (PTZ) camera settings to include all participants in the room in the field of view at all times.
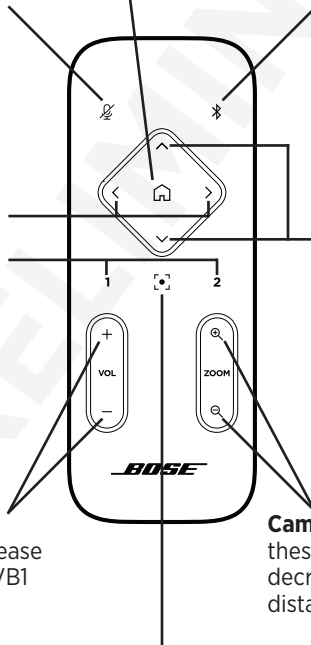
Light Bar

The light bar is located under the camera of the VB1.

Appearance	Activity	System State
	All lights are lit solid white.	A meeting is active, and the camera is off.
	The center light is lit solid green, while the surrounding lights are lit solid white.	A meeting is active, and the camera is on with autoframing disabled.
	A small section of lights in the center of the light bar is lit solid green, while the surrounding lights are lit solid white.	A meeting is active, and the camera is on with autoframing enabled.
	A small section of lights in the center of the light bar is lit solid green, while the surrounding lights are off.	The camera is on, but there is no currently active meeting.
	When the volume is lowered by one increment, the leftmost light on the light bar will blink once (white/on if there is no active call; off if there is an active call).	The volume has been lowered by one increment.
	When the volume is raised by one increment, the rightmost light on the light bar will blink once (white/on if there is no active call; off if there is an active call).	The volume has been raised by one increment.
	When volume is lowered to its lowest level, a small bar of lights on the leftmost end of the light bar will blink once (white/on if there is no active call; off if there is an active call).	The volume has been set to its lowest level.
	When volume is raised to its highest level, a small bar of lights on the rightmost end of the light bar will blink once (white/on if there is no active call; off if there is an active call).	The volume has been set to its highest level.

Appearance	Activity	System State
	A small section of lights in the center of the light bar is blinking white rapidly.	The VB1 is searching for a Wi-Fi network.
	A small section of lights in the center of the light bar pulses white once and then fades off.	The VB1 has connected to a Wi-Fi network. This also means the VB1 has detected a new audio source connected to the host USB port or Audio In.
	A small section of lights in the center of the light bar is solid red.	The VB1 is not functioning properly due to a firmware/software issue. Please contact Bose technical support.
	A small section of lights in the center of the light bar are blinking amber.	The VB1 is not functioning properly due to a connection issue. Make sure the VB1 is connected to a network.
	White lights move repeatedly between the right and left ends.	The VB1 is downloading and installing a firmware update. Do not disconnect the VB1 from its power outlet or network. When the update is complete, the light bar will stop moving, and the VB1 will play an audio tone.
	A small section of lights in the center of the light bar pulses white repeatedly. The lights then move outward from the center until the whole light bar is lit solid white. The lights turn off in the same pattern.	The VB1 is restarting after restoring its factory default settings.
	A small section of lights in the center of the light bar pulses white repeatedly.	The VB1 is restarting after a power outage.
	A small section of lights in the center of the light bar pulses purple repeatedly.	"Wink" from Bose Work Management app is active.

OPERATION

Start a Meeting

Note: To use the HDMI output and just one cable from your computer, your computer must have the latest DisplayLink® driver installed. Visit **displaylink.com/downloads** to download the latest driver.

To start a meeting using the VB1:

1. Connect the included USB cable between the VB1 and your computer.

   Note: If your computer has USB-A ports only, attach the included USB-C-to-A adapter to the computer end of the USB-C cable.

2. Start the meeting in your preferred meeting software.

3. In the device settings of your meeting software, select **Bose Videobar VB1** as the device for the microphone, speakers, and camera.

To make a call, using the VB1 as a speakerphone:

1. Press and hold the **Bluetooth** button on the side of the VB1 (or on the remote control) for 3 seconds.

2. On your mobile device, enable Bluetooth connectivity, and then connect to **Bose Videobar VB1**.

3. Make a call from your mobile device. The audio will be automatically routed from your mobile device to the VB1 speakers and microphones.

Adjust the Camera

Note: All remote control functions are also available in the software apps that enable you to configure the Bose Videobar VB1. See **Software Applications** (Page 22) for more information.

Tip: For quick and simple adjustments to the camera settings, we recommend using the Bose Work mobile app. See **Bose Work Mobile App** (Page 25).

Reset the Camera
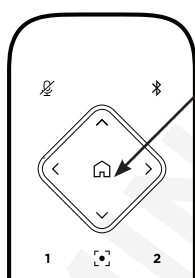
To return the camera to its default pan, tilt, and zoom settings, press the **Home** button on the remote control.

Adjust the Pan and Tilt Angles
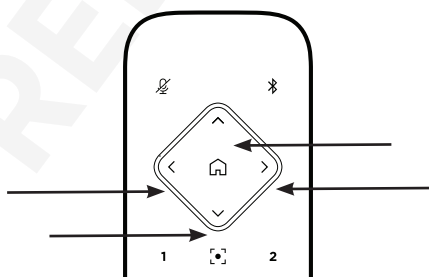
Note: You can adjust the pan and tilt angles only if the camera is not fully zoomed out.

To adjust the pan (left-right) angle of the camera, press one of the camera pan buttons (**<** or **>**) on the remote control.

To adjust the tilt (up-down) angle of the camera, press one of the camera tilt buttons (**Λ** or **V**) on the remote control.

Press a button once to adjust the camera in increments, or press and hold it for continuous adjustment.

Adjust the Zoom Distance
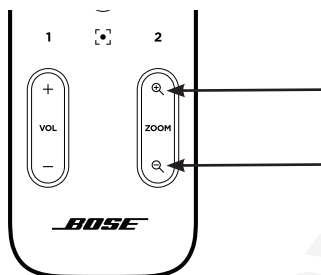
To adjust the zoom distance of the camera, press one of the **Zoom** buttons (**+** or **−**) on the remote control.

Press a button once to adjust the camera in increments, or press and hold it for continuous adjustment.

Save and Recall a Preset
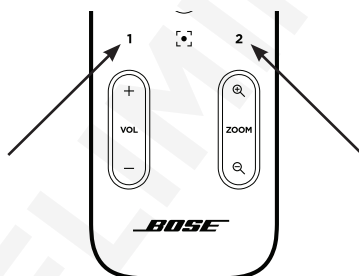
You can save the camera's pan, tilt, and zoom settings to a preset: Preset 1, or Preset 2. When you recall a saved preset, the camera will immediately return to the saved pan, tilt, and zoom settings.

To save a preset:

1. Adjust the pan, tilt, and zoom settings as desired.

2. Press and hold the desired preset button on the remote control (**Preset 1** or **Preset 2**) for 3 seconds. The camera settings will be saved to that preset.

To recall a saved preset, press the desired preset button on the remote control (**Preset 1** or **Preset 2**). The camera will immediately change the pan, tilt, and zoom settings to those saved to that preset.

Enable/Disable Autoframing
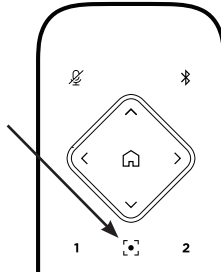
To enable or disable the camera's autoframing feature, press the **Autoframe** button on the remote control.

When enabled, the camera will automatically and continuously adjust the pan, tilt, and zoom settings to include all participants in the room in the field of view.

Note: Adjusting the pan, tilt, or zoom settings or selecting **Home**, **Preset 1**, or **Preset 2** will automatically disable autoframing.

When disabled, adjust the camera's pan-tilt-zoom (PTZ) settings manually.

Adjust the Volume Levels

The Bose Videobar VB1 can receive audio from many different sources. The VB1 mixes these audio signals together and sends them to the "far end"—the other participants of a meeting or call. To create the right balance of different sources, you may need to adjust their input volume levels.

There are also many ways to adjust the output volume of the VB1 (the loudness of its speakers).

If you need to make simple adjustments to the overall volume of a meeting or call, press the **Vol +** or **Vol −** buttons on the remote control. See **Adjust the Output Levels** (Page 37) for further options.

If you need to adjust the levels of multiple sources, see **Adjust the Audio Input Levels at the Sources** (Page 37).

Below is a visualization of the signal path of incoming and outgoing audio.

Inputs   **Outputs**

Bluetooth audio input

USB audio input ⟶ **Bose Videobar VB1**   Bluetooth audio output

Audio In input   The VB1 sums   USB audio output
                               (mixes together)
                               all audio inputs.
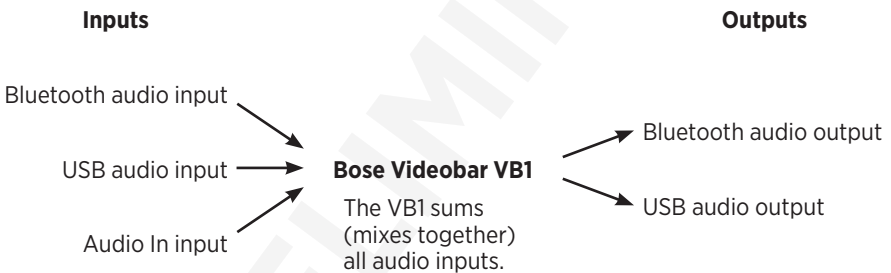
Adjust the Audio Input Levels at the Sources

You may have several devices connected to the VB1, and more than one of them may be the source of an input audio signal:

the host computer connected to USB-C to PC port

a Bluetooth mobile device when VB1 is being used as a speakerphone

a device connected to the Audio In jack

Adjust the audio input levels in any of the following places:

If you are hosting a meeting on your computer, adjust the level of the microphone device (set to **Bose Videobar VB1**) in your meeting software. Alternatively, adjust the volume of the microphone setting of your computer.

If the audio output of a display/monitor is connected to the Audio In jack, adjust the audio output level of (A) the display/monitor or (B) the source supplying audio to the display/monitor.

To mute or unmute the VB1 microphone only, press the **Mute** button on the right side of the VB1 or on the remote control.

Note: This does not mute or unmute any other input audio signal. For example, if you are using a Bluetooth mobile device that is playing music, the music will still be heard by the far end.

You can also use the Bose Work Configuration app and Bose Work Management app to adjust advanced audio settings, such as the USB audio input level. See **Software Applications** (Page 22) to learn how to download and access these software apps.

Adjust the Output Levels

Adjust the volume of VB1 speakers in any of the following places:

Press the **Vol +** or **Vol −** buttons on the remote control.

If you are hosting a meeting on your computer, adjust the level of the speaker device (set to **Bose Videobar VB1**) in your meeting software. Alternatively, adjust the volume of the microphone setting of your computer.

If you are using the VB1 as a speakerphone for a call on a Bluetooth mobile device, adjust the volume of the mobile device.

As an alternative to the remote control, you can use the Bose Work mobile app. You can also use the Bose Work Configuration app and Bose Work Management app to adjust advanced audio settings, such as the USB audio output level. See **Software Applications** (Page 22) to learn how to download and access these software apps.

Manage *Bluetooth* Devices

Connect a *Bluetooth* Mobile Device to the VB1

You can connect one or multiple Bluetooth mobile devices to VB1. A Bluetooth connection enables you to do any of the following:

Use the VB1 as a speakerphone for audio calls on your mobile device.

Use the VB1 as a speaker for audio playback from your mobile device.

Use your mobile device as a remote control to adjust camera and volume settings, mute the microphones, and pair the VB1 to a Bluetooth mobile device.

To connect a Bluetooth mobile device to the VB1:

1. Press and hold the **Bluetooth** button on the side of the VB1 (or on the remote control) for 3 seconds. The **Bluetooth** indicator on the front of the VB1 will blink blue.

2. On your mobile device, enable Bluetooth connectivity, and then connect to Bose Videobar VB1. The **Bluetooth** indicator on the front of the VB1 will be lit solid white.

Ultrasonic Pairing

Ultrasonic technology enables a Bose Videobar VB1 to emit inaudible sound waves that are picked up by the microphone on a nearby mobile device.

If you try to connect your mobile device to a VB1 in an area where there are multiple VB1s, you can then use **ultrasonic pairing** to determine the one that is in the same room as your mobile device.

If ultrasonic pairing is not available or if it locates more than one device, a list of devices is presented for manual selection.

When you tap **Connect** for a device in the list, the application indicates that it is connecting. When a connection is established, the application proceeds to the main screen of the user interface.

Disconnect a *Bluetooth* Mobile Device from the VB1

To disconnect a Bluetooth mobile device from the VB1, do one of the following:

On your mobile device, disable Bluetooth connectivity.

On your mobile device, disconnect from Bose Videobar VB1.

CARE AND MAINTENANCE

Clean the VB1

The VB1 may require periodic cleaning.

Wipe the outside surfaces with a soft, dry cloth.

Do NOT allow moisture to get inside the grille or any cable/wire connections.

Replacement Parts and Accessories

Replacement parts and accessories can be ordered through Bose customer service.

Visit: **worldwide.Bose.com/Support/VB1**

Limited Warranty

The Bose Videobar VB1 is covered by a limited warranty. Visit our website at **global.Bose.com/warranty** for details of the limited warranty.

To register your product, visit **global.Bose.com/register** for instructions. Failure to register will not affect your limited warranty rights.

Serial Number Locations

The serial and model numbers are located on the rear panel of the product.

Restore the Factory Default Settings

Restoring the factory default settings will do the following:

Clear the list of Bluetooth devices paired to the VB1.

Clear the camera presets (Preset 1 and Preset 2).

Return all camera, microphone, and speaker settings to their default values. (Many of these settings are configured in the Bose Work Configuration software or Management software.)

Reset the administrator password.

To restore all settings of the VB1 to their factory defaults, do one of the following:

On the remote control, press and hold the **Home** button and **Autoframe** button simultaneously for 5 seconds.

On the side of the VB1, press and hold the **Mute** button and **Bluetooth** button simultaneously for 5 seconds.

A small bar of lights in the center of the light bar will pulse white repeatedly. The lights will then move outward from the center until the whole light bar is lit solid white. The lights turn off in the same pattern. When this process is completed, the VB1 will restart with its factory default settings.

Update the Software

You can use the Bose Work Configuration app and Bose Work Management app to check for and install VB1 firmware updates. See **Software Applications** (Page 22) to learn how to download and access these software apps.

If you are using the Bose Work Configuration **webUI** app to configure the VB1 over a network connection, you will not be able to automatically check or update the firmware from the online Bose server.

Instead, do one of the following:

Use the Bose Work Configuration **desktop** app.

Use the Bose Work Management app.

If you still want to use Bose Work Configuration **webUI** app, then download the firmware file directly to your computer, and update the firmware as if it were a previous version.

TROUBLESHOOTING

Try these solutions first.

If you experience problems with the VB1, try these solutions first:

Make sure the VB1 is connected to power. See **Cable Connections** (Page 19).

Make sure any cables connected to the rear panel are securely connected. See **Cable Connections** (Page 19).

Check the status indicators. See **Front Panel** (Page 26).

Make sure your mobile device supports Bluetooth connections.

Check for available VB1 software updates. See **Update the Software** (Page 40).

Move your Bluetooth device closer to the VB1 and away from any interference or obstructions.

Adjust the volume on the VB1, computer, Bluetooth device, or any other audio sources. See **Adjust the Volume Levels** (Page 36).

If you could not resolve your issue, see the table below to identify symptoms and solutions to common problems. If you are unable to resolve your issue, contact Bose customer service.

Visit: **worldwide.Bose.com/contact**

Problem	What to Do
The sound is too quiet or not audible at all.	The volume may be too low. Raise the volume in any of the following places:
	on the VB1 remote control
	on your Bluetooth mobile device (if you are using one)
	in your meeting software (the microphone and/or speaker)
	If you still hear no sound, make sure **Bose Videobar VB1** is selected as the speaker in your meeting software.
The sound is distorted.	The volume may be too high. Lower the volume in any of the following places:
	on the VB1 remote control
	on your Bluetooth mobile device (if you are using one)
	in your meeting software (the microphone and/or speaker)

Problem	What to Do
Bose Videobar VB1 is not listed as a microphone, speaker, or camera in my meeting software.	Wait approximately 30 seconds for your computer to register the VB1 as a microphone, speaker, and camera device.
	If this still does not work, try the following solutions:
	Make sure the USB connection is secure.
	Try using a shorter USB cable.
	Try connecting to a different USB port on your computer.
	Make sure the VB1 is powered on (connected securely to its power outlet).
	Make sure the USB cable is connected securely to the **USB-C to PC** port on the rear panel of the VB1.
There is no image in second display.	Try the following solutions:
	Make sure the display is powered on.
	Make sure the display has its input/source set to the HDMI port that is connected to the VB1.
	Make sure the HDMI cable is securely connected to the VB1 and to the display.
	Make sure your computer has the latest DisplayLink driver installed (**displaylink.com/downloads**).
	Make sure your computer has the second display enabled ("extended," not "duplicated" or "mirrored").
The video shown in the display is out of sync with the audio signal.	If you connected your computer to the VB1 using a one-cable connection (USB) or your computer's HDMI port, lower the resolution of the video display.
The video shown in the display is distorted.	Make sure you are using a Bose-supplied cable or a certified USB cable. Also make sure the cable is not damaged or kinked.
Adjusting the volume on my computer has no effect on the volume of the VB1.	Your computer may not have the VB1 selected as the default audio playback device (even if your meeting software is working properly with the VB1).
	Windows: Click the speaker icon in the system tray (in the taskbar) and select **Bose Videobar VB1** as the playback device.
	macOS: Click the **Apple** icon in the upper-left corner of the screen, and select **System Preferences**, click **Sound**, and then click **Output**. Select **Bose Videobar VB1** in the list of devices.

Problem	What to Do
The volume level of my meeting, call, audio playback, etc. changed suddenly when I connected my computer or mobile device to the VB1.	This is normal. The VB1 automatically synchronizes the volume level of all devices when they connect to it.
The Bluetooth indicator is blinking blue.	This is normal. This indicates the VB1 is available to pair to a Bluetooth mobile device. (The Bluetooth button on the side of the VB1 or on the remote control may have been accidentally pressed.)
My meeting software is displaying a message that the video is not working or cannot start.	This is usually caused when another application is already using and controlling the camera (e.g., the Bose Work Configuration app, the Bose Work Management app, or another unified communications client). Close the app (or wait for it to be closed).
When I try to connect to the VB1 before using the Bose Work Configuration webUI software, my browser displays a security warning.	This is normal as the VB1 does not provide a security certificate based on a dynamically allocated IP address. Always check with your IT/system administrator first, but it is usually safe to "accept" the warning and proceed.
The camera zooms in or out even when I am not manually adjusting it.	The camera's autoframing feature may be enabled. Press the **Autoframe** button on the remote control to disable it. Some meeting software apps have built-in autoframing, which may be cropping the image or changing the camera zoom distance. If possible, disable this feature in your meeting software.
A small section of lights in the center of the light bar is lit solid green.	This is normal. This indicates the VB1 camera is on. (If the other lights in the light bar are solid white, then there is an active meeting. If the other lights in the light bar are off, then there is no active meeting.)
The light bar is on.	If the whole light bar is lit, then there is an active meeting. If only a small section of lights is on, then there is no active meeting. The VB1 is simply powered on. See **Light Bar** (Page 30) for more information.
The Bluetooth indicator is lit solid white.	This is normal. This indicates the VB1 is connected to a Bluetooth mobile device.

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