

Bose Videobar VB1

all-in-one USB conferencing device



Product Overview

The Bose Videobar VB1 is an all-in-one USB conferencing device that brings premium audio and video to small meeting areas — from huddle spaces to medium-sized rooms. Be seen clearly. Be heard and understood fully. Six beam-steering microphones automatically focus on voices in the room and reject noise. A 4K ultra-HD camera with autoframing delivers crystal-clear video, helping remote participants feel like they're in the room. Proprietary Bose sound supports multimedia presentations, plays *Bluetooth*® audio, and ensures voices on the call sound natural. Single-cable connectivity means there's no need for separate audio and video cables at the table, reducing clutter. Whether it's a quick morning check-in or a full-afternoon workshop, the Bose Videobar VB1 helps you huddle up, see more, hear more, and work better.

Key Features

Bring the Bose experience to huddle spaces and medium-sized conference rooms with an all-in-one solution that requires minimal setup and delivers premium audio and video performance

Make conversation more natural with six beam-steering microphones that actively focus on voices and reject noise; and auto EQ that delivers optimized audio to all participants

Communicate and be seen more clearly — a 4K ultra-HD camera with autoframing allows everyone to see and understand the presenter, whiteboard, flipchart, or other in-room objects — and feel more like they're together in the same room

Bring enhanced video and audio performance to popular Unified Communications platforms such as Microsoft Teams, Google Meet, Zoom, and more

Support multimedia presentations with premium audio with Bose-proprietary transducers that deliver room-filling sound from a USB-connected laptop or wireless *Bluetooth* device

Clean up the conferencing experience with single-cable connectivity that eliminates clutter and an elegant low-profile design that complements the room and improves aesthetics

Mount easily in multiple ways with included table stand and wall-mount kit or optional mud ring and display mounting kit

Connect to existing network infrastructure, making installation and troubleshooting faster and allowing for remote updates, management, and monitoring

Configure easily with Bose Work Configuration software, available as an app or via web browser; and manage remotely with the Bose Work Management software which displays real-time status and allows for easy single-unit or system-wide changes

Control settings in real time from a smartphone using the Bose Work mobile app to easily adjust volume, mute, pan, tilt, zoom, zoom presets, and *Bluetooth* pairing

Easily connect a smartphone via *Bluetooth* connectivity to use as a standalone speakerphone or stream music

TECHNICAL DATA

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Technical Specifications

| LOUDSPEAKER ARRAY | |
|------------------------------|--|
| Configuration | Stereo loudspeakers, ported enclosure |
| Amplifier Power | 20 W per channel, < 0.3% distortion over frequency range |
| Frequency Response (-10 dB) | 85 - 20,000 Hz |
| Maximum SPL @ 1 m | 89 dB (IEC 60268-5, mono input, wall-mounted) |
| MICROPHONE ARRAY | |
| Configuration | 6 microphones |
| Frequency Response (±3 dB) | 20 - 15,000 Hz |
| Pickup Range | 6.0 m (19.7 ft) |
| Technology | Static and adaptive dynamic beam-forming, 3 exclusion zones, stereo acoustic echo cancellation (AEC), digital noise suppression |
| CAMERA AND VIDEO | |
| Field of View (FOV) | 123° diagonal × 115° horizontal × 81° vertical |
| Image Sensor | 8 MP |
| Focus Distance | 0.5 m (1.6 ft) to ∞ |
| Lens | Up to 5x digital zoom, detachable camera privacy cover (included) |
| Positioning | Autoframing capability or manual pan-tilt-zoom (PTZ) with 3 configurable presets (Home, 1, 2) |
| Processing | Automatic white balance, automatic brightness, digital noise reduction |
| USB Device Video Class (UVC) | v1.1 |
| Supported Video Resolutions | UHD 2160p (4K), 1080p, 720p, 960×480, 848×480, 640×480, 640×360, 432×240 (30 fps) |
| Video Encoding | H.264, M-JPEG |
| CONNECTIONS | |
| USB | USB Type-C® to host computer (with DisplayLink) (USB 3.0 UAC, UVC, HID) |
| Network | Wired: RJ-45, 1 Gbps Ethernet (IEEE 802.3) Wireless: Wi-Fi 802.11ac |
| <i>Bluetooth</i> | <i>Bluetooth 4.2 HSP, A2DP, AVRCP, BLE</i> |
| Display | HDMI 1.4b and 2.1 output (to display, from host computer) |
| Analog Audio | Stereo 3.5 mm (1/8 in) input |
| General Purpose | 2-pin Euroblock general-purpose input |
| Power | Via external power supply with localized power cord (included) Input: 110 - 240 VAC, 50/60 Hz, 1.5 A max. Output: 24 VDC, 1.875 A |
| SOFTWARE APPLICATIONS | |
| Control/Configuration | Bose Work Configuration software (available for Windows and macOS or via web browser) Bose Work Management software (available for Windows) Bose Work mobile app (available for iOS and Android) |
| SYSTEM REQUIREMENTS | |
| Operating System | Windows 7, 8.1, or 10 macOS 10.10 or higher Chrome OS (Google Chromebook) |

For additional specifications and application information, please visit PRO.BOSE.COM.
Specifications subject to change without notice. 1/2021

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| REGULATORY | |
|--|---|
| Safety | IEC/UL/EN 60065:2014/A11:2017, IEC/UL/EN 62368-1:2014/A11:2017 |
| EMC | FCC Part 15B Class B, ICES-003 Class B, CISPR 13, EN55032 Class B, EN55035, EN61000-3-2, EN61000-3-3, BSMI CNS13439 |
| Wi-Fi and <i>Bluetooth</i> | FCC Part 15C, RSS-GEN, RSS-247, RSS-102, EN300328, EN301893, EN301489 |
| Environmental | RoHS |
| PHYSICAL | |
| Operating Temperature | 0 °C to 40 °C (32 °F to 104 °F), 90% non-condensing humidity |
| Storage Temperature | -40 °C to 70 °C (-40 °F to 158 °F), 93% relative humidity |
| Mounting | Table stand with Kensington lock slot and mounting hardware (included) Wall-mount bracket with mounting hardware (included) Display mounting kit (optional) Mud ring (optional) |
| Product Dimensions (Width × Height × Depth) | 686 mm × 48 mm × 96 mm (27.0 in × 1.9 in × 3.8 in) |
| Net Weight | 2.5 kg (5.6 lb) |
| Shipping Weight | 5.4 kg (12.0 lb) |
| Included Accessories | Bose Videobar VB1 HDMI 2.0 cable, 1.5 m (4.9 ft) USB-C® 2.0 cable, 5.0 m (16.5 ft) Infrared remote control with 2 AAA batteries Wall-mount bracket with mounting hardware Table stand with hardware Power supply with localized power cord Cable management kit with mounting hardware Camera privacy cover USB-A-to-C adapter 2-pin Euroblock connector Quick start guide, table-mount setup guide, wall-mount setup guide, safety instructions |
| Optional Accessories | Display mounting kit Right-angle USB 3.1 cable, 2.0 m (6.5 ft) Mud ring |
| PRODUCT CODES | |
| 842415-1110 | Videobar VB1 120V US |
| 842415-2110 | Videobar VB1 230V EU |
| 842415-3110 | Videobar VB1 100V JP |
| 842415-4110 | Videobar VB1 240V UK |
| 842415-5110 | Videobar VB1 240V AUS |
| 842888-0010 | Display Mounting Bracket |
| 843944-0010 | 2m USB 3.1 Cable |
| 861846-0010 | Mudring |

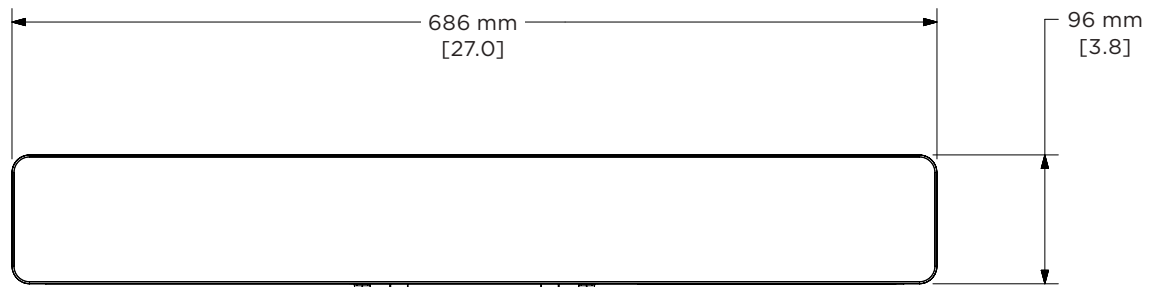
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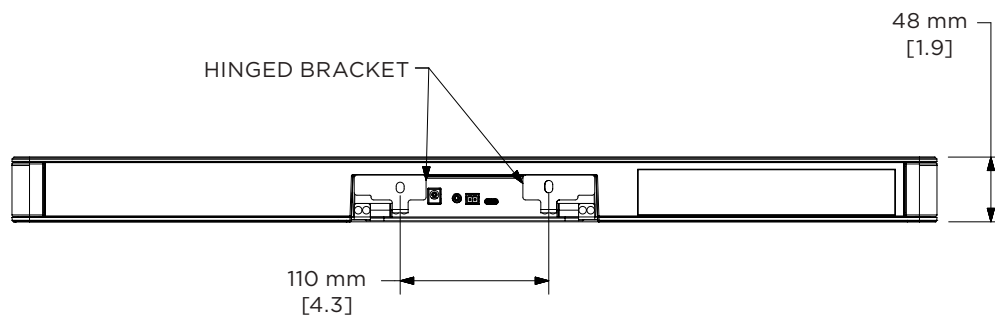
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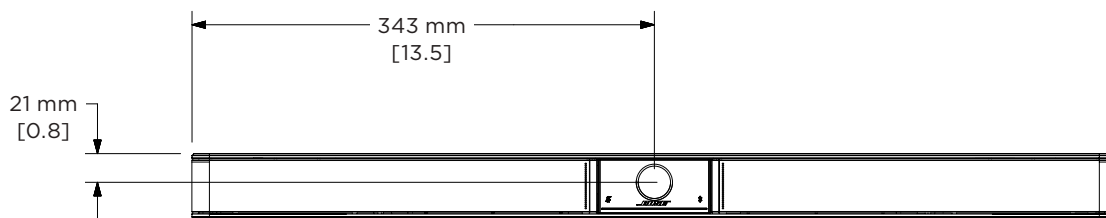
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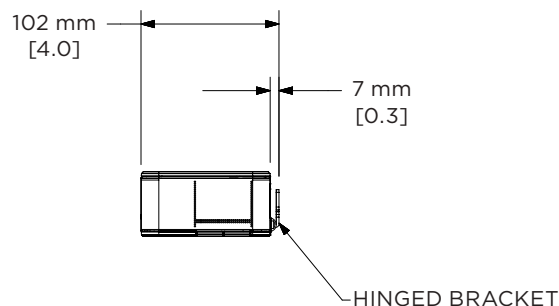
Top View



Rear View



Front View



Right View

DIMENSIONS APPLY TO BOTH SIDES

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