Bose Videobar VB1

BOSE

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.

Benefits

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 Hangouts 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 an elegant low-profile design that complements the room, improves aesthetics, and connects via a single USB cable, eliminating clutter

Mount easily in multiple ways with included table stand and wall-mount kit or with VESA mounting accessory (sold separately)

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
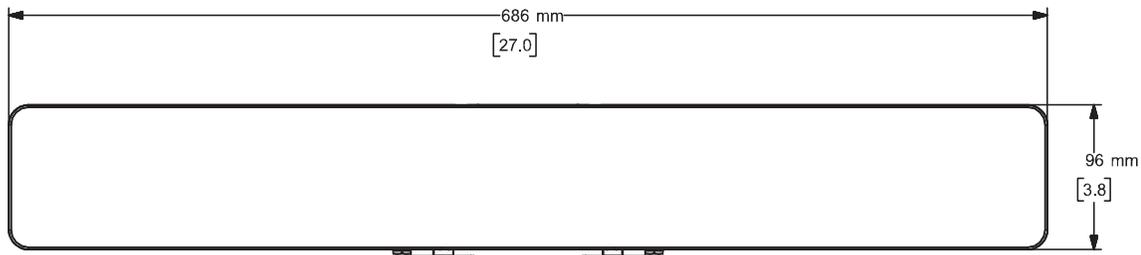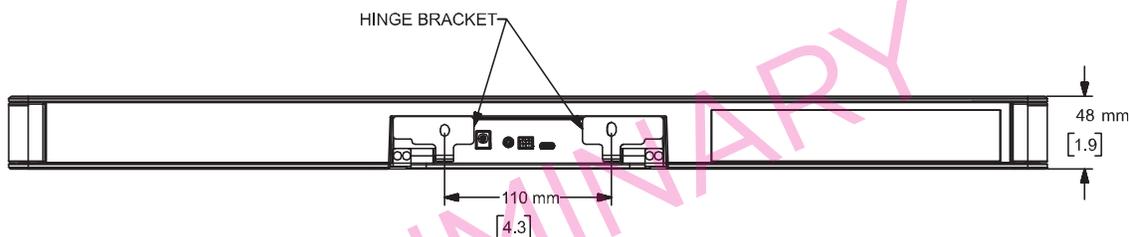
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Technical Specifications

MIC ARRAY
6 microphones
Frequency response: 20 Hz to 15 kHz
Pickup range: 6 m (20 ft)
Static and adaptive dynamic beam-forming
3 exclusion zones
Stereo acoustic echo cancellation
Noise suppression

VIDEO
Supported resolutions: UHD 2160p (4K); 1080p, 720p, 960x480, 848x480, 640x480, 640x360, 432x240 (30 fps)
Encoding: H.264, M-JPEG

AUDIO
Stereo loudspeakers, ported enclosure
Amplifier power: 20 W/ch, <0.3% distortion over FR
Max SPL/Power: 89 dB SPL @ 1 m, IEC 60268-5
Frequency response: 85 Hz – 20 kHz (-10 dB)

I/O
Power (via external universal power supply, included)
USB-C 3.0 (to PC; with DisplayLink)
USB-A 3.0 (for opt. external camera)
HDMI 1.4 out (to display, from PC)
Analog audio input (stereo, 3.5 mm)
1 Gbps Ethernet, RJ-45
General purpose input (2-pin Euroblock)

CONTROL/CONFIGURATION APPLICATIONS
Bose Work Configuration software (Available for Windows and macOS or via web browser)
Bose Work Management software (Available for Windows)
Bose Work mobile app (iOS and Android)

SYSTEM REQUIREMENTS
Windows 7, 8.1, or 10
macOS 10.10 or higher
Google Chromebook

MOUNTING
Table stand, included
Wall mount, included
VESA monitor mounting accessory
Kensington slot

MECHANICAL
Dimensions: 48 mm (1.9 in) tall, 686 mm (27.0 in) wide, 96 mm (3.8 in) deep
Weight: 2.5 kg (5.6 lb)
Remote control dimensions: 18 mm (0.7 in) tall, 48 mm (1.9 in) wide, 124 mm (4.9 in) long

POWER SUPPLY
Input: 110–240 VAC, 50/60 Hz, 1.5 A max
Output: 24 VDC, 1.875 A

CAMERA
120° FOV diagonal
109° FOV horizontal
67° FOV vertical
Autoframing
8 megapixel sensor, 4K resolution
5x digital zoom
3 presets: Home, 1, 2
Focus distance: 0.5 m (1.6 ft) to ∞
Auto white balance
Auto brightness
Digital noise reduction
UVC: v1.1
Camera privacy cover

COMMUNICATIONS
Ethernet IEEE 802.3
Wi-Fi 802.11AC
USB 3.0 UAC, UVC, HID
Bluetooth® 4.2 HSP, A2DP, AVRCP, BLE
DisplayLink

INTERFACES
IR remote
Buttons: mic mute & Bluetooth pair buttons
Indicators: mic mute, Bluetooth pair, light bar

ENVIRONMENTAL
Operating temperature: 0°C to 50°C (32°F to 122°F)
Operating humidity: noncondensing up to 90%
Storage: -40°C to 70°C (-40°F to 158°F), 93% relative humidity

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: FCC Part 15C, RSS-GEN, RSS-247, RSS-102, EN300328, EN301893, EN301489
Environmental: RoHS

PACKAGE CONTENTS
Bose Videobar VB1
HDMI 2.0 cable, 1.5 m (4.9 ft)
USB-C 2.0 cable, 5.0 m (16.5 ft)
Remote control, with 2 AAA batteries
Wall-mount cleat with mounting hardware
Table stand
Power supply; localized power cord
Table-mount setup guide, wall-mount setup guide, safety instructions
Wall wire cover
Camera privacy cover
USB A-to-C adapter
2-pin Euroblock connector

OPTIONAL ACCESSORIES
VESA monitor mounting accessory
USB 3.0 cable, 2.0 m (6.5 ft)

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Dimensions

686 mm
[27.0]

96 mm
[3.8]

Top View

HINGE BRACKET

48 mm
[1.9]

110 mm
[4.3]

Rear View

102 mm
[4.0]

6 mm
[.2]

HINGE BRACKET
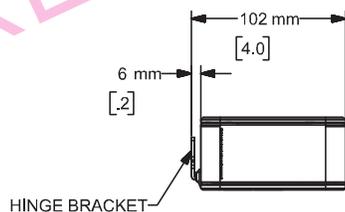
Left View

DIMENSIONS APPLY TO BOTH SIDES

21 mm
[.8]

343 mm
[13.5]
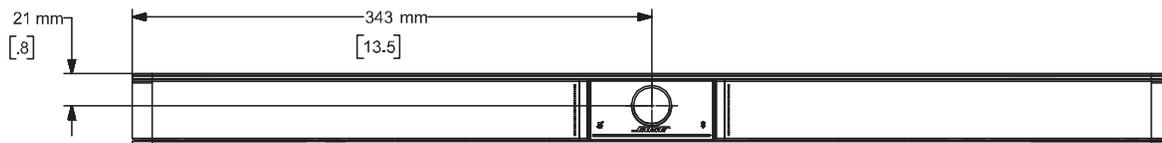
Front View

For additional specifications and application information, please visit PRO.BOSE.COM.
Specifications subject to change without notice. 01/2020