TECHNICAL DATA

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

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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
Bluetooth	*Bluetooth* 4.2 HSP, A2DP, AVRCP, BLE
Display	HDMI 1.4b and 2.1 output (to display, from host computer)
Analog Audio	Stereo 3.5 mm (⅛ 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. 11/2021

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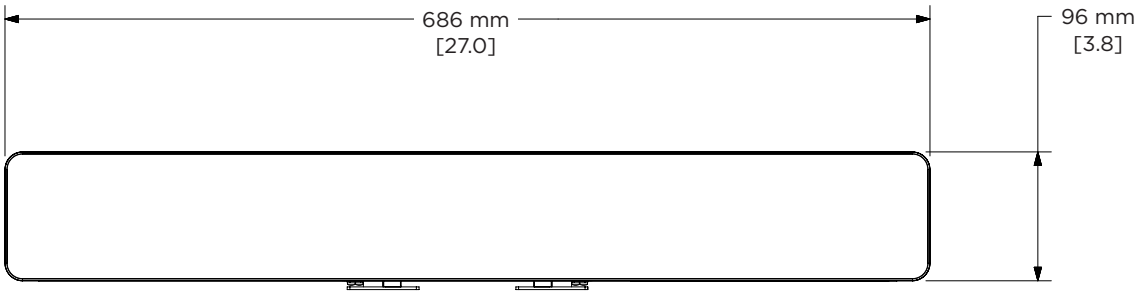
REGULATORY	
Safety	IEC/UL/EN 60065:2014/A11:2017, IEC/UL/EN 62368-1:2014/A11:2017
EMC	FCC Part 15B Class B, ICES-003 Class B, CISPR 13, EN55032 Class B, EN55035, EN61000-3-2, EN61000-3-3, BSMI CNS13439
Wi-Fi and *Bluetooth*	FCC Part 15C, RSS-GEN, RSS-247, RSS-102, EN300328, EN301893, EN301489
Environmental	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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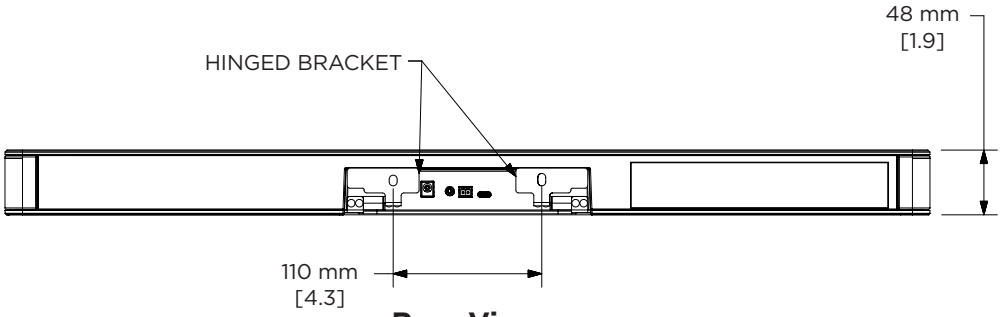
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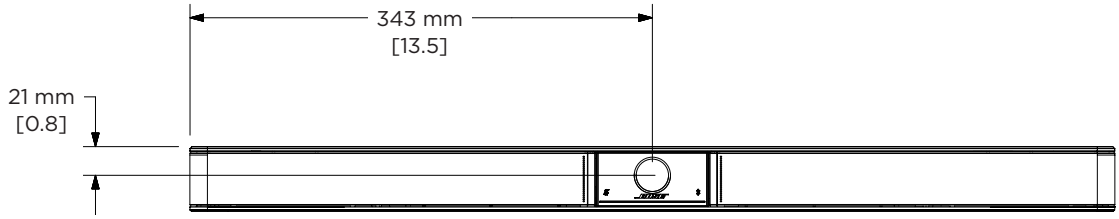
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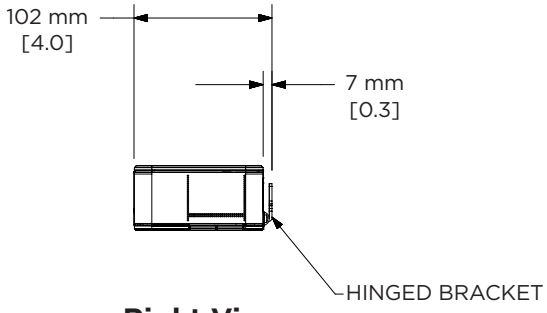
Top View



Rear View



Front View



Right View

DIMENSIONS APPLY TO BOTH SIDES

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