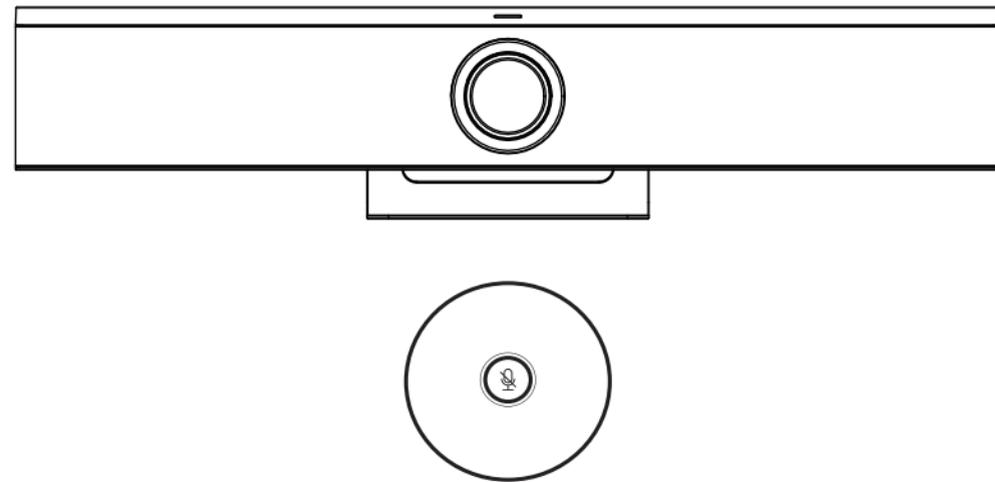


VADDIO

Model:999-50909-000

A brand of **legrand**



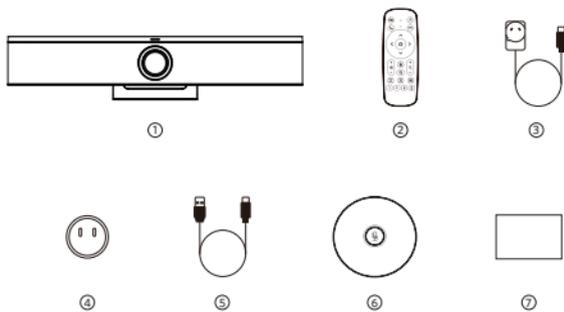
Venture VideoBAR

USER MANUAL

PDF



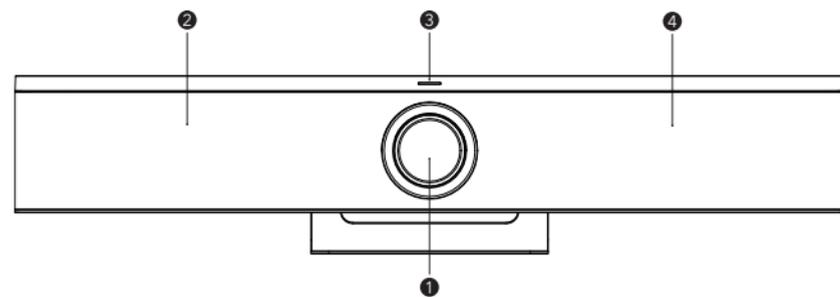
What's Included



- ① USB Video Conference Bar
- ② Remote control
- ③ Power adapter
- ④ Power plug (Power plug may vary in different regions)
- ⑤ 2 m USB cable (USB-C to USB-A)
- ⑥ Microphone
- ⑦ User Manual

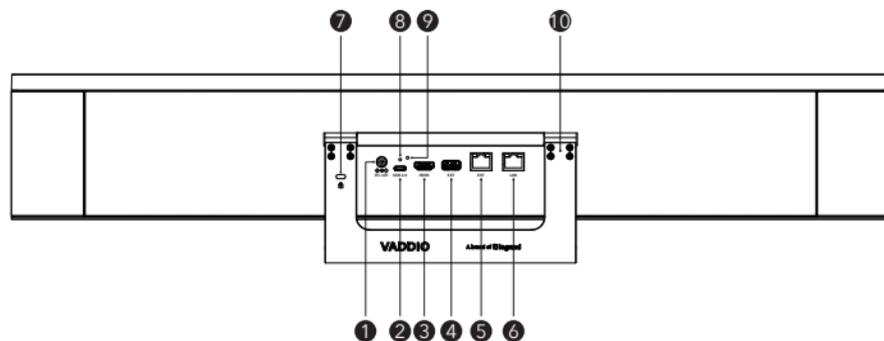
At a Glance

Front View



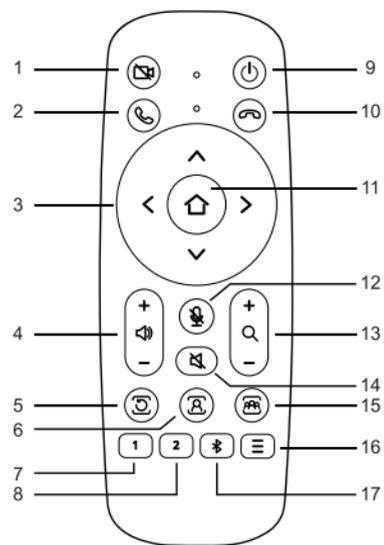
- ① Camera
- ② Speaker
- ③ LED lights
- ④ Microphone

Rear View



- 1 DC-IN Port
 - Connect to power supply
- 2 USB-C Port
 - Connect to a computer
- 3 HDMI Port
 - Connect to a monitor to stream video from the video bar
 - For details, please refer to **Connecting > Option A: Connecting to Computer (USB Cable)** in this manual
- 4 USB-A Port
 - Reserved port (not enabled)
- 5 EXT Port
 - Cascade microphones
 - Up to three microphones can be cascaded at most
- 6 LAN Port
 - Connect the video bar to the network
- 7 Security Slot (7 × 3 mm)
 - Keep the video bar in place
- 8 USB Mounting Hole
 - Secure the USB connector
- 9 Reset Key
- 10 Adjustable Base

Remote Control



①		Turn the camera on / off.
②		<ul style="list-style-type: none"> • Answer or make a call. • Enter the call interface.
③		Move the camera up, down, left, or right.
④		Volume up / down.
⑤		Exit tracking mode.
⑥		Enter speaker tracking mode*. *Only available when no external microphone is connected and no camera zoom is applied.
⑦	1	<ul style="list-style-type: none"> • Press to apply a camera preset. • Press and hold for 3s to save a camera preset.
⑧	2	<ul style="list-style-type: none"> • Press to apply a second camera preset. • Press and hold for 3s to save a second camera preset.
⑨		<ul style="list-style-type: none"> • Press to switch to active status. • Press and hold for 3s to switch to standby status.

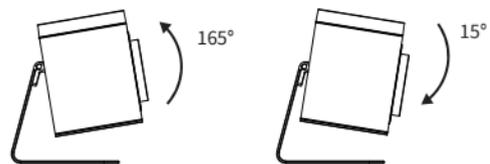
⑩		Reject a call.
⑪		<ul style="list-style-type: none"> • Confirm a selection. • Return the camera to center.
⑫		Mute / unmute the microphone.
⑬		Zoom in / out.
⑭		Turn the speaker on / off.
⑮		Enter participant tracking mode*. *Only available when no camera zoom is applied.
⑯		Access / exit the menu page.
⑰		Enable / disable Bluetooth pairing.

Getting Started

Setting Up Your Video Bar

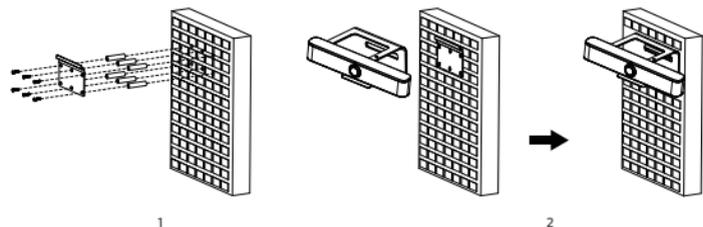
Option A: On Your Desk

Adjust the video bar up or down to your preferred position.



Option B: On the Wall

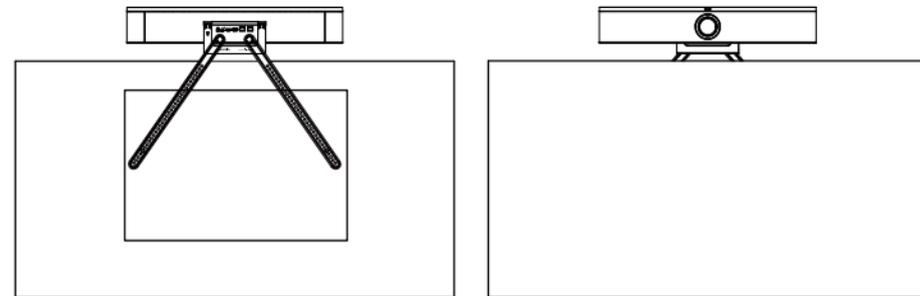
1. Install the wall mount bracket onto the wall by using the included screws and anchors.
2. Attach the video bar to the wall mount bracket.



Option C: Above or Below Your Monitor

- An optional TV mount bracket* can position the video bar above or below your monitor.
- The bracket can attach to the VESA-standard mounting holes available on most monitors.

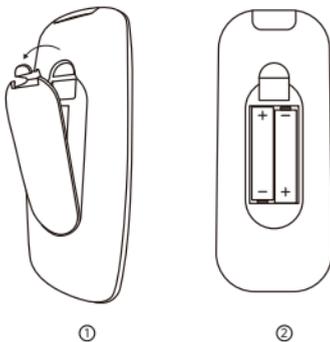
1. Adjust the bracket so that it can support the monitor while aligning with the mounting holes.
2. Fasten the bracket to the monitor using the screws from the back of the monitor.
3. Attach the video bar to the bracket.



* TV Mount is an optional accessory

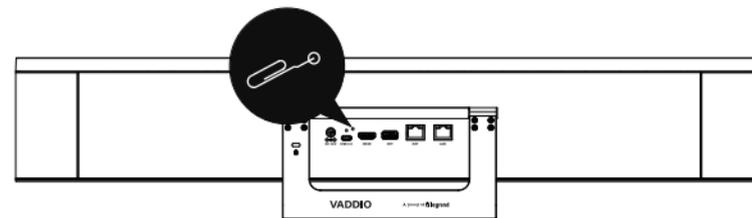
Preparing the Remote

1. Press to open the battery cover.
2. Insert two new AAA batteries (not included) matching the polarity (+/-) indicated, and close the battery cover.



Pairing the Remote with Video Bar

- Your remote is already paired with the video bar and ready for use when powered on.
 - You may need to manually pair a remote with the video bar when replacing a lost remote or experiencing any control problems.
1. Turn on the video bar and make sure that you can see an image output.
 2. Press and hold  and  until the LED on the remote turns solid red. This indicates that the pairing history has been cleared.
 3. Insert a paper clip (not included) into the reset key and push gently. The LEDs on the video bar will light up blue in a sequence during the pairing process.
 4. Press and hold  until the LEDs on the video bar flash blue. This indicates that pairing is completed.



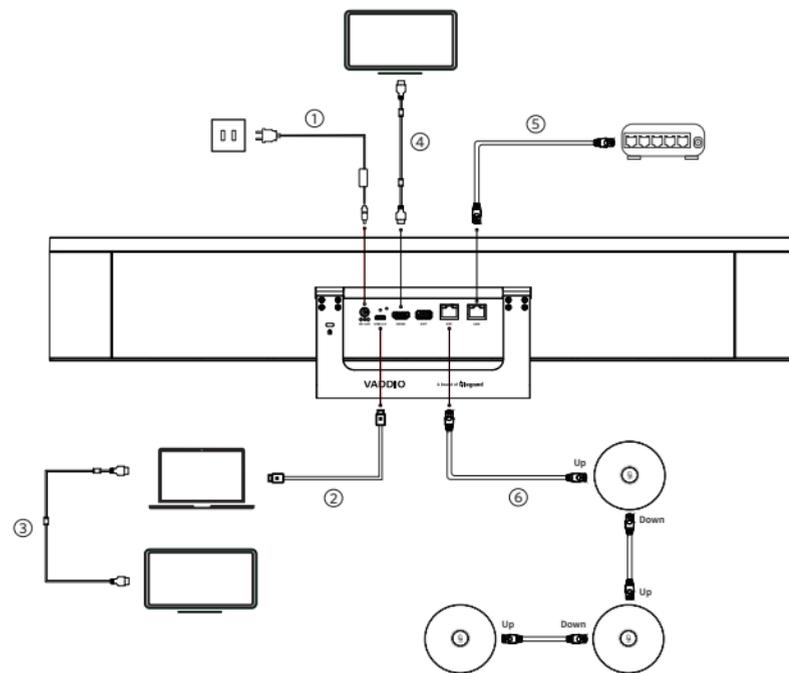
Connecting

Option A: Connecting to Computer (USB Cable)

1. Plug the provided power adapter and power plug into the video bar.
- The LEDs on the video bar will turn white.
2. Connect your computer to the USB-C port on the video bar using the provided USB cable. Your video bar will be ready to use when connected.
3. Connect the computer to one or more monitors depending on the computer's capability.
4. Optional: To stream video from the video bar, connect it to a monitor using an HDMI cable (not included).
5. Optional: To extend the voice pickup range in a medium-sized meeting room, connect an external microphone to the USB-A port on the video bar using the USB cable (not included).



- The video bar will automatically turn on once connected to a power supply.
- Your computer and video bar cannot be connected to the same monitor simultaneously.
- Make sure to select "USB Video Conference Bar" as the audio and video device in your conferencing software.
- If the HDMI port cannot output video, change the resolution on the monitor and/or video bar to 4K@30fps. For details, please refer to **Settings > General Settings** in this manual.



Option B: Connecting to Smartphone (Bluetooth)

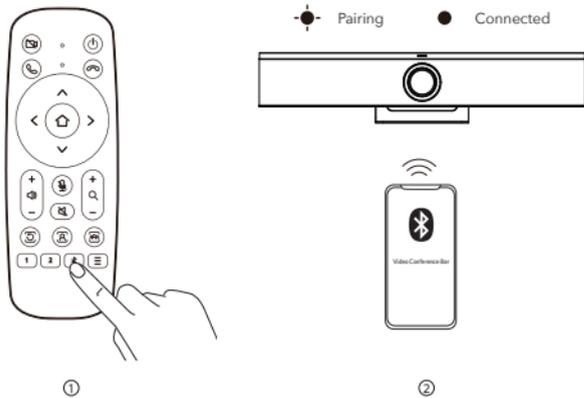
The video bar only supports audio calls when connected to a smartphone via Bluetooth pairing.

1. Press  on the remote to enter Bluetooth pairing mode.

- The LEDs on the video bar will flash blue.

2. Select "USB Video Conference Bar" on your device's Bluetooth list to connect.

- When successfully connected, the LEDs on the video bar will turn solid blue.



• To disconnect Bluetooth, press  again.

Using Camera Presets

The remote includes buttons that can be used to set two default camera positions.

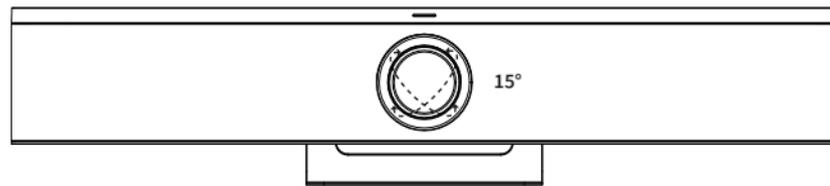
Saving Camera Presets

1. Make sure to exit tracking mode by pressing .

2. Use   to adjust the camera to the position you want.

3. Press and hold the **1** or **2** button for 3s to save the preset.

- Old presets will be overwritten.



Applying Camera Presets

1. Make sure to exit tracking mode by pressing .

2. Press the **1** or **2** button to apply a preset.

LED Light Guide

	Solid white	Camera in use
	Solid purple	Camera not in use
	Solid red	Microphone muted
	Lighting up blue in a sequence	Pairing with remote
	Flashing blue	Paired with remote
	Flashing blue	Pairing with Bluetooth device
	Solid blue	Paired with Bluetooth device
	Flashing amber	Updating firmware

Login Web

Enter the video bar IP address (**192.168.100.88**) in the browser prompts a login interface. Input the username (**admin**) and password (**test**) to access the video bar WEB interface.

Settings

Press  on the remote to set up the video bar.

MENU
General Settings
Video Settings
Audio Settings
UVC EXT Settings
Information
Restore Default
Exit

General Settings

On the home menu, select **Settings** > **General Settings** and press .

Language	Select an on-screen display language.
EPTZ	Enable / disable pan, tilt and zoom operations.
Zoom Limit	Set the maximum zoom level of the camera.
HDMI Format	1080P@60 / 1080P@50 / 1080P@30 / 4K@30 / 480P60 The video bar's output resolution needs to be consistent with the monitor's resolution.
Tracking Mode	Off / Participants / Speaker / Smart Gallery

Video Settings

On the home menu, select **Settings** > **Video Settings** and press .

2D NR	Enable / disable automatic noise reduction for static images.
3D NR	Enable / disable automatic noise reduction for dynamic images.
WDR Enable	Enable / disable Wide Dynamic Range (WDR) imaging.
Backlight	Enable / disable computer backlight.
Anti Flicker	Select a frame capture frequency to prevent flickering.
Flip-H	Enable / disable horizontal flip of images.

Flip-V	Enable / disable vertical flip of images.
OSD Mirroring	Turn On-Screen Display (OSD) mirroring on / off.
Style	Default / Zoom.

Audio Settings

On the home menu, select **Settings** > **Audio Settings** and press .

3A Enable	Enable / disable auto gain control, auto noise cancellation, and auto echo cancellation.
Mic Equalizer	Enable / disable mic equalizer.

UVC EXT Settings

On the home menu, select **Settings** > **Video Settings** > **UVC EXT Settings** > **Backlight Enable** > **On** to accept an external command to turn the backlight on.

Information

On the home menu, select **Information** and press . You can check the software version and release date, and the firmware version.

Restore Default

On the home menu, select **Restore Default** > **Yes** and press  to reset the video bar.

Specifications (Video Bar)

Input	12V  2A
USB Port	1 x USB 3.0, USB-C
	1 x USB 2.0, USB-A
HDMI Port	1 x HDMI, Version 1.4b
EXT Port	1 x EXT, Cascade Microphone
LAN Port	1 x RJ45
Resolution	4K@30fps, 1080P@30fps, 720P@30fps
Voice Algorithm	Beamforming, AGC (Auto Gain Control), AEC (Acoustic Echo Cancellation), ANC (Auto Noise Cancellation)
Field of View (FOV)	121°
Sensor	8.51 MP CMOS (1 / 2.5 in.)
Video Codec	H.264, MJPEG, YUV2, NV12
Speaker	96db SPL @ 0.5m
Voice Pickup Distance	6 m
Bluetooth Version	5.0

Specifications (Microphone)

Array Microphone	Built-in 6 mics to form ring array microphone, 360° omnidirectional pickup
Sensitivity	-38 dBFS
Signal Noise to Ratio	65 dB(A)
Frequency Response	50Hz ~ 16kHz
Pickup Range	3 m
Automatic Echo Cancellation (AEC)	Support
Automatic Noise Suppression (ANS)	Support
Automatic Gain Control (AGC)	Support
Network Interface	1 x Up: Up cascade network interface
	1 x Down: Down cascade network interface
USB Interface	1 x USB: USB audio interface
Cascade Method	PoE network cable
Power Supply	PoE cascade, 48V, support IEEE 802.3at

Specifications are subject to change without notice.

FCC Caution

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

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 interference that may cause undesired operation.

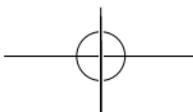
This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna. FCC ID: W59VAD50909



ISED Statement

EN

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

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

Radiation Exposure Statement

This equipment complies with Canada 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.

FR

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;
- 2.L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Déclaration d'exposition aux radiations

Cet équipement est conforme Canada limites d'exposition aux radiations dans un environnement non contrôlé. Cet équipement doit être installé et utilisé à distance minimum de 20cm entre le radiateur et votre corps.

IC:8584A-VAD50909

