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VL-VB200 Video Soundbar

Vuelogic VL-VB200 Video Soundbar User Guide

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Vuelogic VL-VB200 Video Soundbar

INTRODUCTION

This product is an all-in-one meeting videobar with ultra-wide angle 4K camera, microphone and speaker. It is ideal for applications in huddle rooms, small meeting rooms, private offices and home offices.

FEATURES

- Wide angle 4K video camera with 120° FOV.
- 4 x MEMS digital microphone arrays with a range of 3 ~ 5 meters and an angle of 180°.
- 2 x 3W Stereo full range speakers with passive radiator bass enhancement.
- Includes AEC (Acoustic Echo Cancellation), AGC (Automatic Gain Control), ANS (Automatic Noise Suppression) and full duplex mode communication to make all participants feel like they are in the same room.
- Auto Framing / Speaker Tracking / Presenter Tracking based on AI technology makes meetings more intimate and friendly.
- Plug and play with excellent compatibility for OS and UC applications, such as Zoom, WebEx, Tecent meeting, Teams, etc.
- Windows and MAC OS App provided for easy control.

PACKAGE CONTENTS

- 1x Video Bar
- 1x DC 12V Power Adapter
- 1x Magnetic Lens Cap
- 1x Wall-mounted Bracket
- 6x Expansion Screws
- 6x Mounting Screws

SPECIFICATIONS

AUDIO AND VIDEO	
Input/Output	1 x USB-C
Video Resolutions (Max)	3840×2160 @30Hz
Output Video Encoding	MJPEG/YUY2/H.264/H.265 | UVC 1.1

CAMERA AND SENSOR	
Lens	Fixed focus
Sensor	1/2.8", CMOS, Effective Pixel: 8.0M
White Balance	Auto
Backlight Compensation	Auto
Digital Noise Reduction	2D, 3D Digital noise reduction supported
Viewing Angle	FOV 120°
ePTZ	Supported | 5 x Digital Zoom
HDR	Supported
Tracking Mode	Auto Framing / Speaker Tracking / Presenter Tracking

SPEAKERPHONE	
Microphone	4 x Linear microphone arrays with echo cancellation Pick-up Range: 5m
Speaker	2 x 3 W

COMMUNICATION AND CONTROL	
USB-C	USB Type-C female with locking
Control Method	Windows or MAC OS App

| GENERAL	
Operating Temperature	0°C ~ 40°C, 10% to 90%, non-condensing
Storage Temperature	-20°C ~ 60°C, 10% to 90%, non- condensing
MTBF	>30000h
Power Supply	DC12V 2A
Power Consumption (Max)	6W
Dimension (Width x Height x Depth)	460 mm x 97.43 mm x 61 mm (with Bracket)
Net Weight	0.81 kg (with Bracket)
Gross Weight	2.06 kg

PANEL DESCRIPTION

ID	NAME	DESCRIPTION
1	Speaker	Outputs audio signal of the input source.
2	Microphone	4 x Linear mic arrays for picking up sound.
3	Lens	Camera lens
4	Status LED	• Constant blue: The device is powered on. The device is in standby state. • Constant white: The device is working properly. • Blinking white quickly: The device is being upgraded. • Constant red: The device's microphone is muted.
5	Power	12V 2A DC power input. Connect to the power adapter provided.
6	USB-C	USB Type C port. Connect to the PC for transmitting audio and 4 K camera video signal using the USB-C cable provided.
7	🔒	Kensington security slot

INSTALLATION

**Note:** Before installation, please ensure the device is disconnected from the power source.

To install the device on a monitor:
Place the device on the top of a monitor, then adjust the bracket's angle so that the device stands firmly on the monitor.
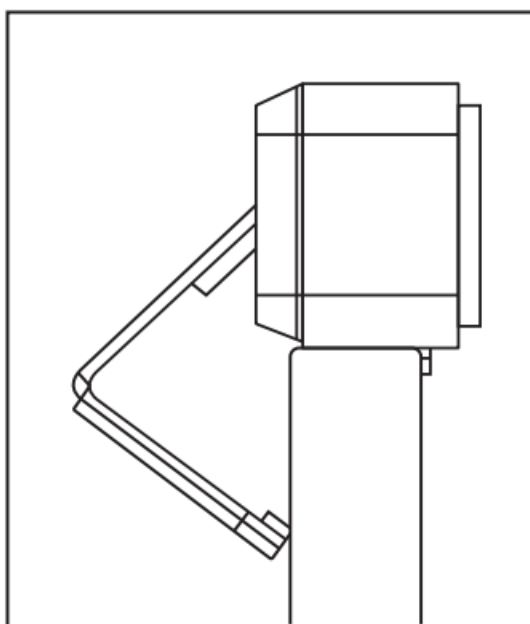

To install the device on a tripod

1. Screw the tripod's clip into the M12 thread hole at the device's bottom.
2. Secure the device along with the clip on the tripod, adjust to a position and height you desire.
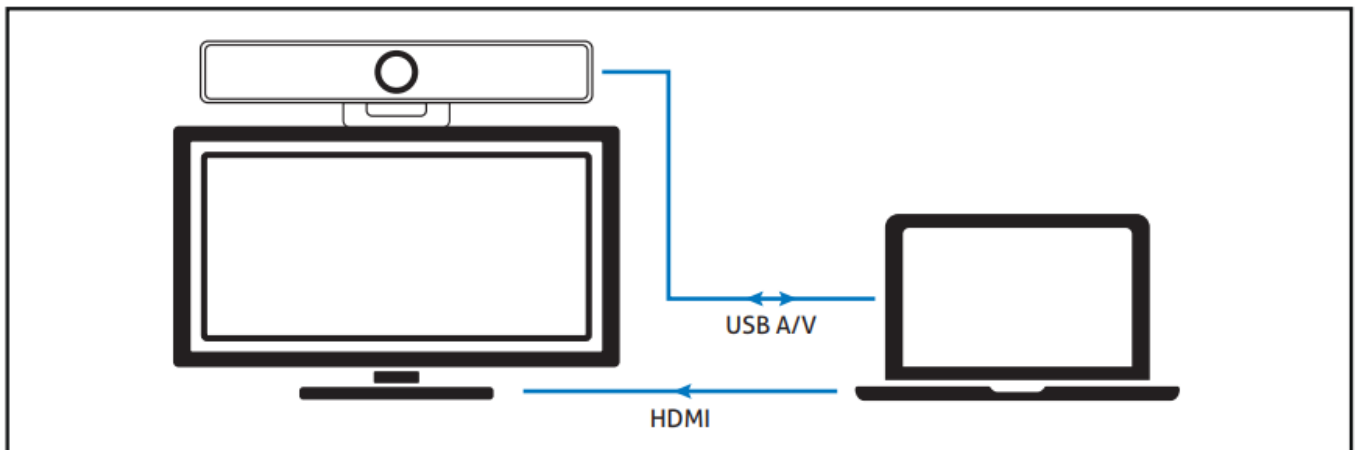

Stativ Clip
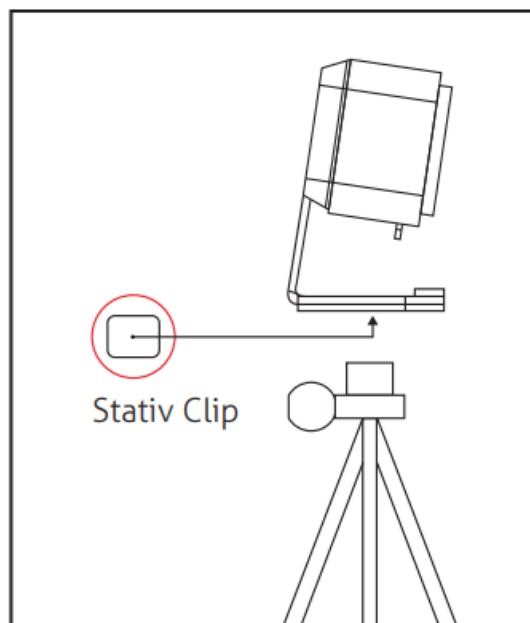
To install the device on the wall:

1. Drill holes in the wall you desire, then insert the expansion screws provided into the holes.
2. Secure the wall-mounted bracket provided on the wall using the screws provided.
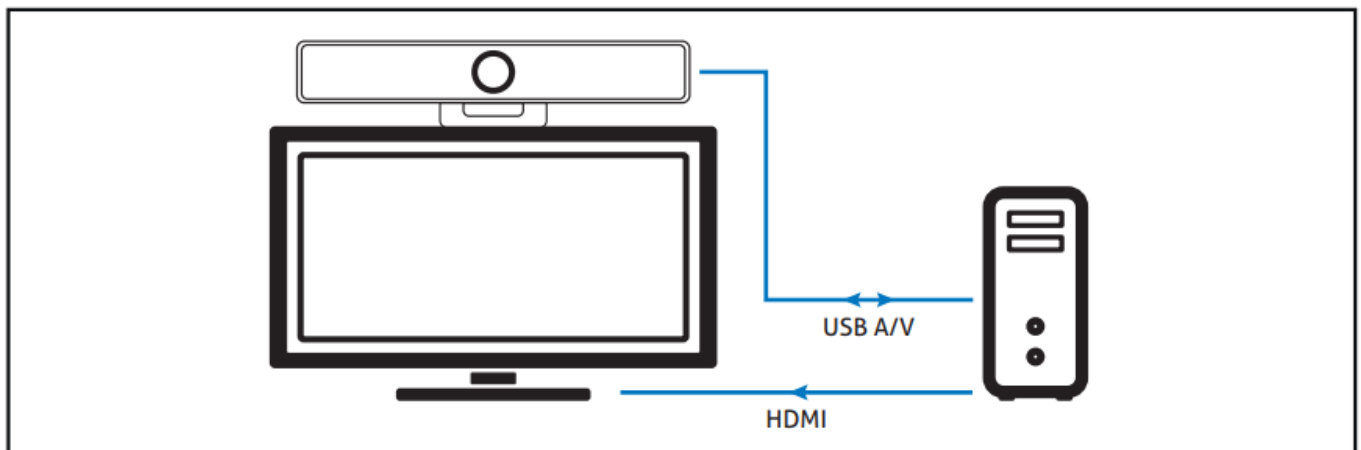3. Secure the device on the wall-mounted bracket.

| Step 1 | Step 2 | Step 3 | Step 4 |
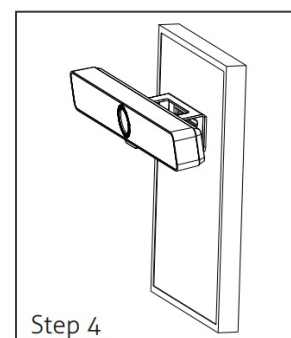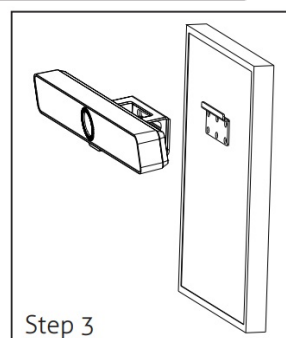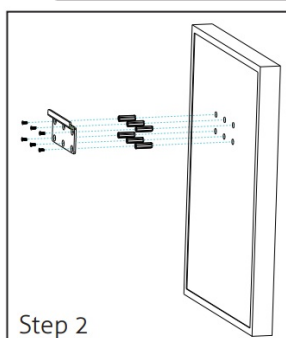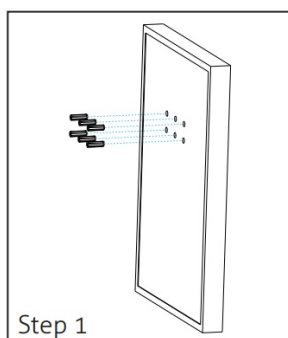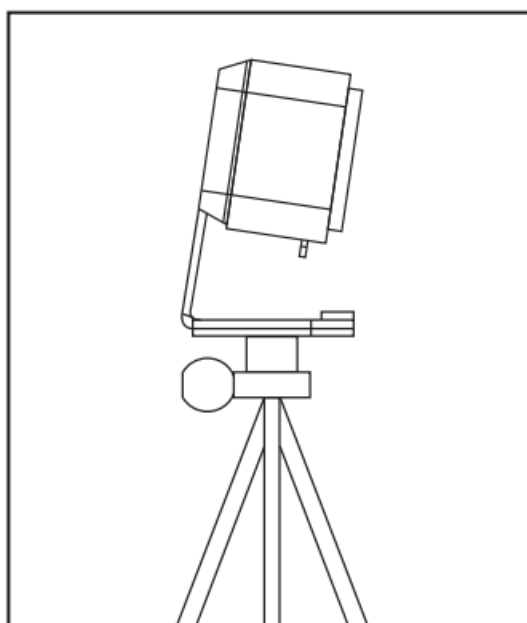
APPLICATION

Application 1 – Huddle/small room (for 2~7 people)

Application 2 – Private office/Home office

Note: After the device is connected to a computer, it can be detected by the system and specific applications in the name of the following:

- **Model:** VB200
- **Camera:** VB200
- **Speaker:** VB200
- **Microphone:** VB200

Controls-Videos

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MY DEVICES

PureLink VB200

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PureLink VB200
CONNECTED

Click the icon to start preview.
Other apps can't access the camera while you preview it on this app.

| Video | Color Adjustment |

Tracking Mode: Auto Framing ⌄
Tracking Effect: Smooth ⌄
Tracking Speed: Slow ⌄
Mirror: ⬤○
Powerline Frequency: 50Hz ⌄
(Anti Flicker)
HD: ⬤

ELEMENTS	DESCRIPTION/OPTIONS
Tracking Mode	• Auto Framing (default): Camera tracks group participants automatically. • Speaker Tracking: Camera tracks speakers automatically. • Presenter Tracking: Camera tracks the first recognized presenter automatically. • Off
Tracking Effect	Tracking effect is available when Auto Framing is enabled. • Smooth (default): The tracking image moves smoothly in the frame. • Immediate: The tracking image switches from one to another immediately in the frame.
Tracking Speed	Tracking speed is available when Auto Framing is enabled. • Slow (default)/Normal/Fast
Mirror	• Mirror image function • On: Image flipped horizontally. • Off (default setting): Image not flipped horizontally.
Powerline Frequency (Anti Flicker)	Change the frequency to prevent flicker in the video. • 50Hz (default) /60Hz
HD	• On (default): Turn on for better image quality. • Off: Turn off for better compatibility.
◎	Click this icon to enable camera preview. Note: Other Apps cannot use the camera until camera preview is disabled.

Controls-Color Adjustment
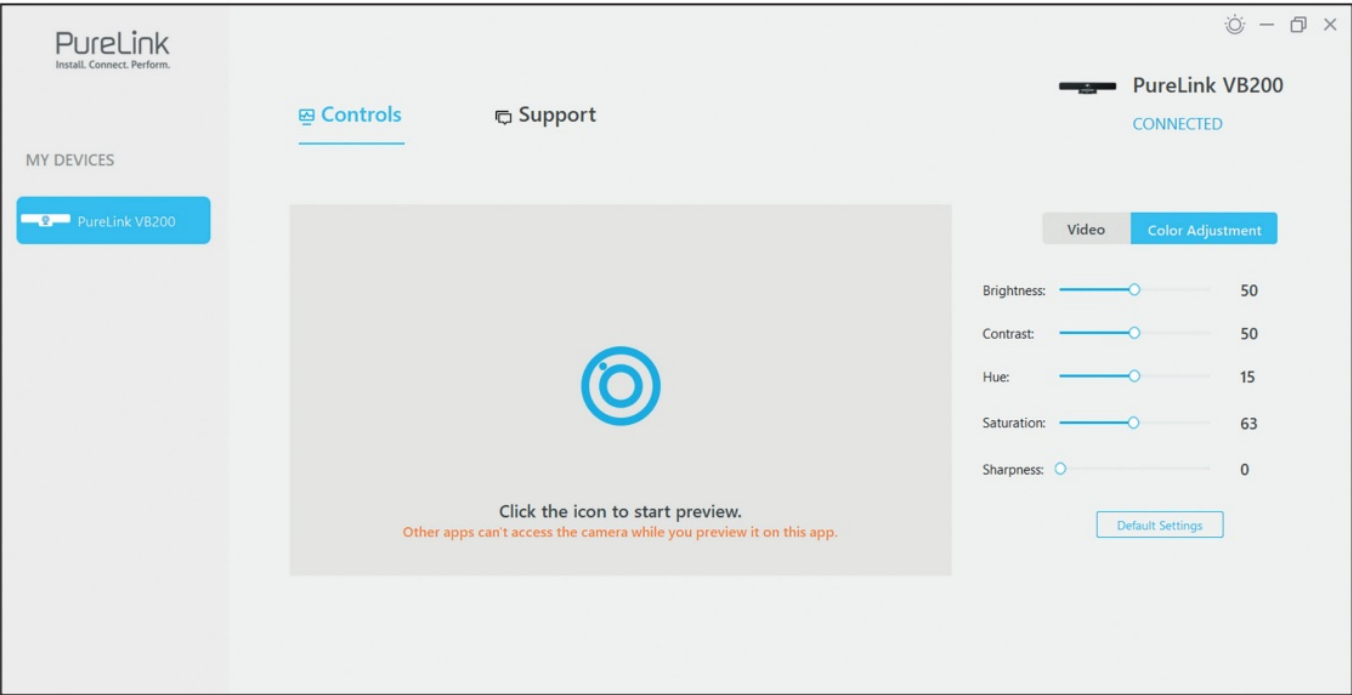
ELEMENTS	DESCRIPTION/OPTIONS
Brightness	Adjust the brightness of the camera manually.
Contrast	Adjust the contrast of the camera manually.
Hue	Adjust the hue of the camera manually.
Saturation	Adjust the saturation of the camera manually.
Sharpness	Adjust the sharpness of the camera manually.
Default Settings	Restores all color parameters to their default values.

Support
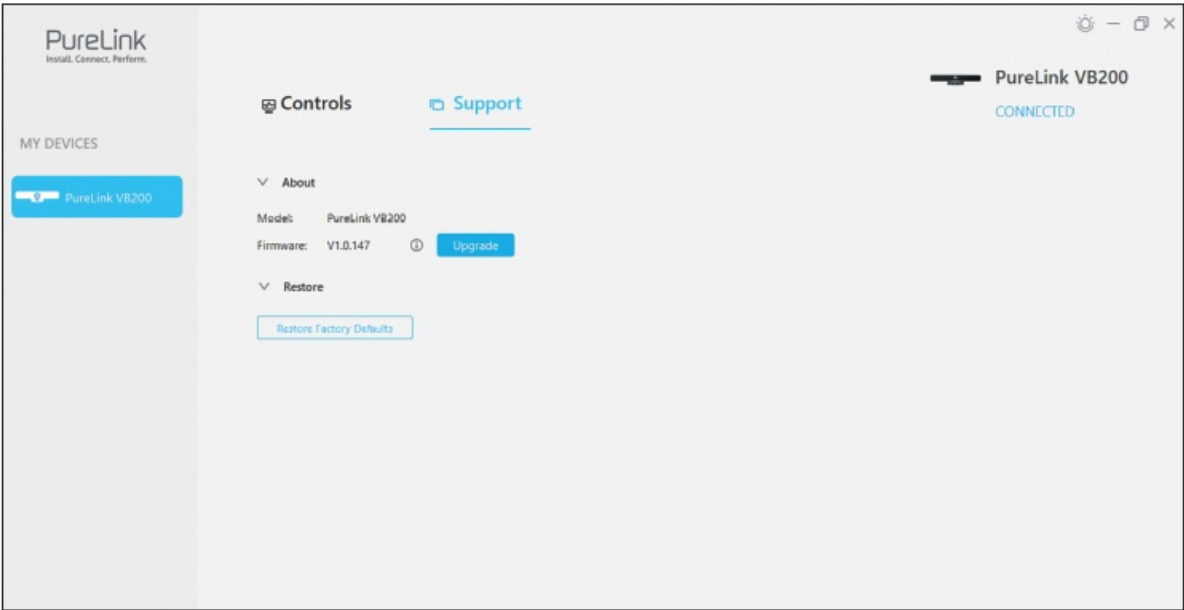
ELEMENTS	DESCRIPTION/OPTIONS
About	Displays device model and firmware information.
About-Upgrade	Select the firmware file and upload it for upgrade.
Restore	Restore Factory Defaults

For further support or questions please contact us under **https://www.purelink.de/en/anfrage-formular-purelink.de** or scan the QR- code below.

CE CONFORMITY

PureLink GmbH hereby declares that this product is in compliance with the essential requirements and other relevant provisions of theEMC Directive 2014/30/EU and the RoHS Directive 2011/65/EUamended by 2015/863/EU.PureLink GmbH hereby declares that this product is in compliancewith the essential requirements of the Electromagnetic Compatibility Regulations 2016 and all other applicable UK regulations. The EU Declaration of Conformity is available here: **www.purelink.de**

DISPOSAL OF DEVICE

WEEE-Reg.-№ DE 93847290 According to the European WEEE Directive, electrical and electronic equipment may not be disposed of with household waste. As a consumer, you are obliged to return electrical and electronic equipment free of charge at the end of its service life to the public collection points set up for this purpose or to the point of sale. Details on this are regulated by the respective national law. The symbol on the product, the instructions for use or the packaging refers to these regulations Recycling old appliances in this way is an important contribution to the protection of our environment.

DISCLAIMER OF LIABILITY
PureLink GmbH will not be held liable, nor provide any warranty for damage resulting from improper installation, assembly and use of the product, or failure to observe the operating instructions and/or safety instructions.

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Documents / Resources

	Vuelogic VL-VB200 Video Soundbar [pdf] User Guide VB200, VL-VB200 Video Soundbar, VL-VB200, Video Soundbar, Soundbar

References

- **PU PureLink | Deutsch**
- **PU Anfrage-Formular PureLink.de | PureLink | English**
- **User Manual**