



## ViewSonic VB-WPS-001 BYOM for ViewBoard Cast Button User Guide

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### BYOM for ViewBoard® Cast Button User Guide



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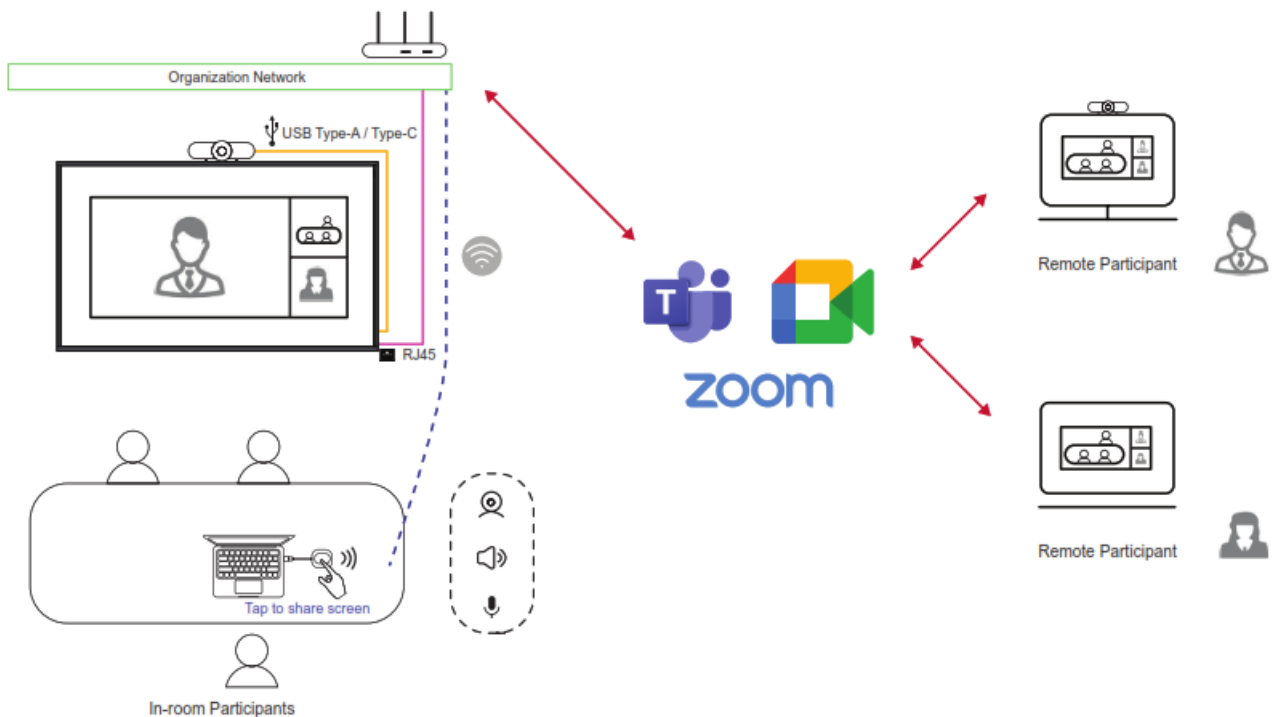
At ViewSonic®, we believe that our products have the potential to make a positive impact in the world, and we are confident that the ViewSonic® product you have chosen will serve you well. Once again, thank you for choosing ViewSonic®!

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## Introduction

ViewBoard Cast Button's advanced feature of BYOM (Bring your Your Own Meeting) lets you use your own laptop to host a video conference with your preferred conferencing software (e.g., Microsoft Teams, Zoom, and Google Meet). You can extend your meeting to a ViewSonic IFP/CDE series device, optimizing workplace productivity.



## Device Requirements

- Windows 10/11, Intel i5 series CPU or above
- MacOS 10.10 or above
- ViewSonic IFP/CDE series device with vCastReceiver installed and activated, or an OPS slot-in set to PC as the input source with ViewBoard Cast Pro installed and activated
- ViewSonic IFP/CDE series device connected with an external USB webcam
- ViewSonic IFP/CDE series device paired with ViewBoard Cast Button

## How T o Use

1. Plug the ViewBoard Cast Button into your laptop.
2. Start the ViewBoard Cast application (vCastReceiver) or the ViewBoard Cast Pro (Castro) and wait for the ViewBoard Cast Button to connect with the camera.

**NOTE:**

Connection to the camera is established when the camera icon on the ViewBoard Cast changes from gray to white.

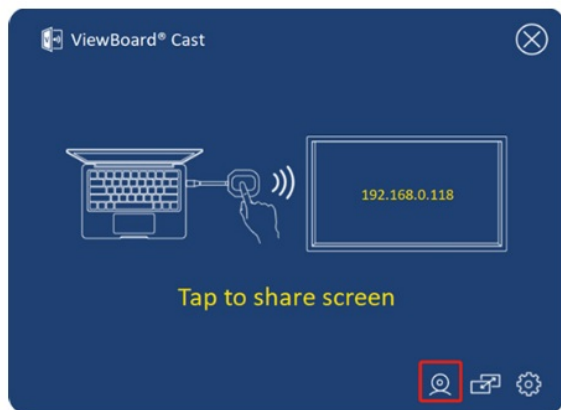


Figure 1

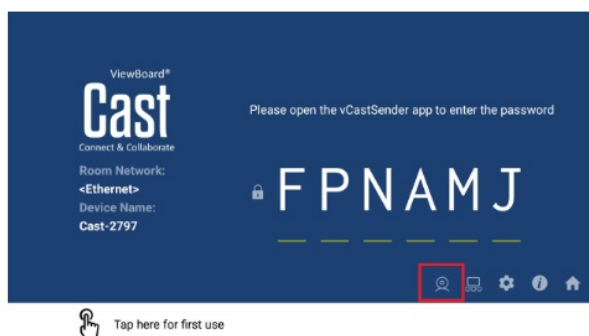

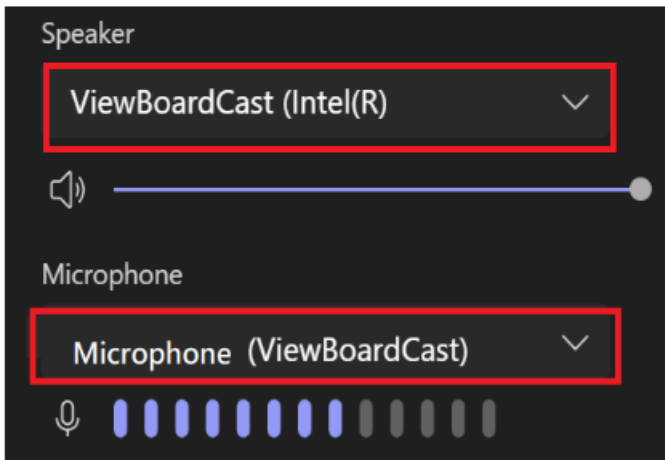
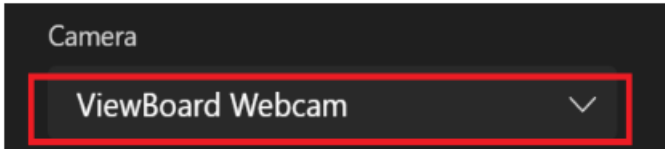

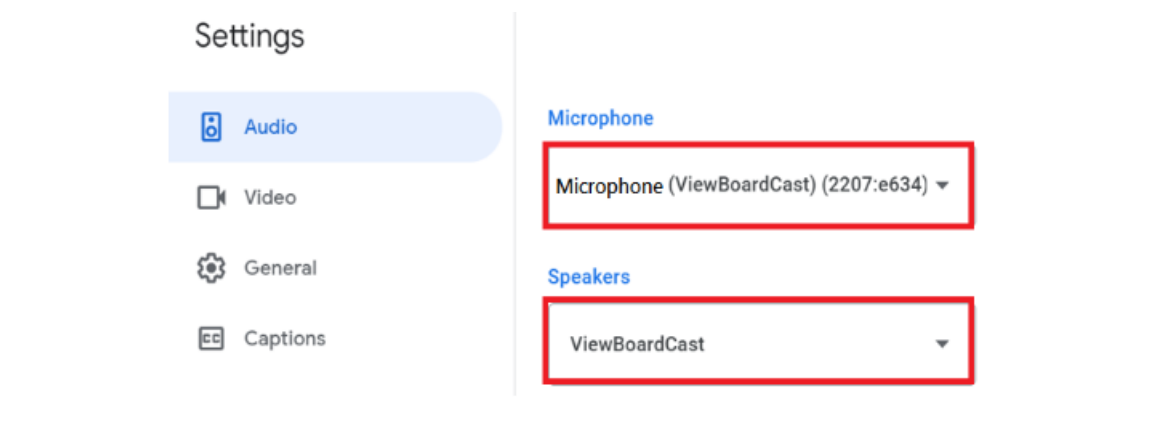
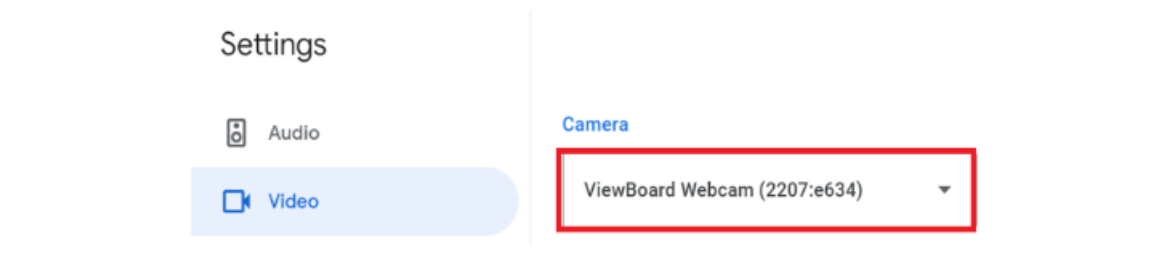

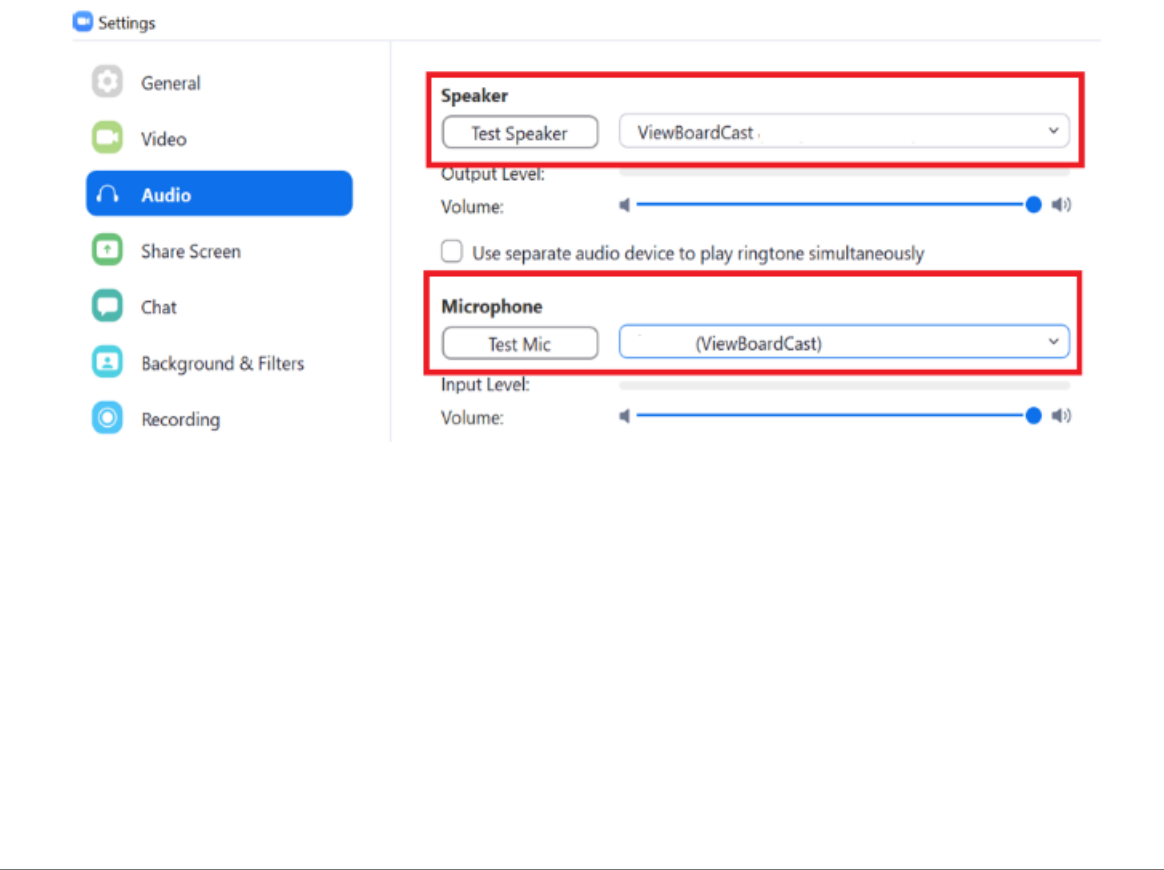
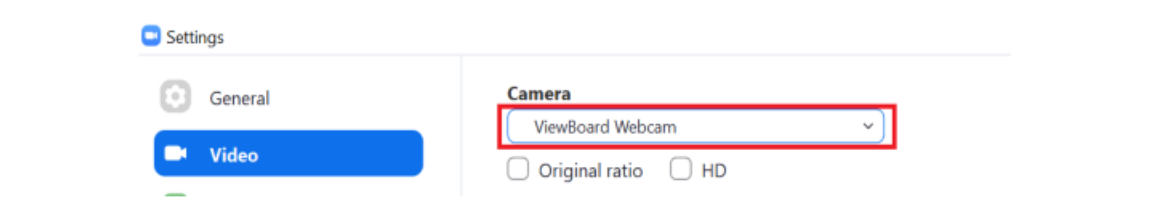


Figure 2

3. Start a meeting on Microsoft Teams, Zoom, or Google Meet from your laptop.
4. Tap the ViewBoard Cast Button to share content onto the ViewBoard IFP/CDE device.
5. Select “ViewBoard Cast” as your Microphone/Speaker source and “ViewBoard Webcam” as your Camera source from the conferencing software.

**NOTE:** Refer to the screenshots on next page.

Conf eren cing Soft ware		Audio and Video Settings	
	Audio		
	Video		

	Audio	 <p>Settings</p> <p>Audio</p> <p>Microphone (ViewBoardCast) (2207:e634)</p> <p>Speakers</p> <p>ViewBoardCast</p>
	Video	 <p>Settings</p> <p>Video</p> <p>ViewBoard Webcam (2207:e634)</p>
	Audio	 <p>Settings</p> <p>Audio</p> <p>Speaker</p> <p>Test Speaker ViewBoardCast</p> <p>Output Level:</p> <p>Volume:</p> <p>Use separate audio device to play ringtone simultaneously</p> <p>Microphone</p> <p>Test Mic (ViewBoardCast)</p> <p>Input Level:</p> <p>Volume:</p>
	Video	 <p>Settings</p> <p>Video</p> <p>Camera</p> <p>ViewBoard Webcam</p> <p>Original ratio HD</p>

## Network Information

### Network Recommendation

- Wi-Fi: 802.11ac 5GHz channel for table on non-DFS channels in your country.

**NOTE:** In the USA, channels are 36~48 and 149~165.

- Bandwidth: At least 10Mbps in a typical deployment. Latency shall be less than 50ms for HD video streaming, more than 10Mbps is required.
- Ports:  
TCP 56789, 25123, 8212, 8000, 8600  
UPD 48689, 25123
- Port and DNS for activation:  
Port: 443  
DNS: <https://vcastactivate.viewsonic.com>
- OTA service:  
Server Port: TCP 443  
Server FQDN Name: <https://vcastupdate.viewsonic.com>

## Appendix

### Troubleshooting

This section describes some common problems that you may experience when using the ViewBoard Cast Button.

**NOTE: Please** contact your sales representative or IT department if you are experiencing any further problems.

Problem or Issue	Possible Solutions
ViewBoard Cast Button is not pairing with IFP/ CDE device	<ul style="list-style-type: none"> <li>•Check that the ViewBoard Cast Button is plugged Into your laptop.</li> <li>•Check that the LED indicator changes to static blue.</li> </ul>
LED indicator is only flashing white	<ul style="list-style-type: none"> <li>•Check that the IFP/CDE device is working correctly.</li> <li>•Verify that the pairing information is entered correctly.</li> </ul>
IFP/CDE device cannot be found in the conferencing software	<ul style="list-style-type: none"> <li>•Re-plug the USB webcam into the IFP/CDE device and restart the IFP/CDE device.</li> </ul>
Audio and/or video is not outputting from the IFP/CDE device	<ul style="list-style-type: none"> <li>•Check the device settings of the conferencing software.</li> <li>•Check the volume settings of the laptop and the IFP/ CDE device.</li> <li>•Restart the IFP/CDE device.</li> </ul>
Audio and/or video stops working during the conference	<ul style="list-style-type: none"> <li>•Check that the network signal is strong.</li> <li>•Check device settings in the conferencing software.</li> <li>•Re-pair the ViewBoard Cast Button with the IFP/ CDE device.</li> <li>•Restart the ViewBoard Cast (vCastReceiver) or ViewBoard Cast Pro (vCastPro) and reconnect your laptop to the IFP/CDE device.</li> </ul>
Bad audio and/or video quality through the IFP/CDE device	<ul style="list-style-type: none"> <li>•Ensure the Wi-Fi network signal strength is good. <ul style="list-style-type: none"> <li>» Use 5GHz channel. The allocated bandwidth must be at least 10Mbps or higher.</li> </ul> </li> <li>•Restart ViewBoard Cast (vCastReceiver) or ViewBoard Cast Pro (vCastPro).</li> </ul>
Remote participant hears an echo when speaking	<ul style="list-style-type: none"> <li>•Avoid placing the webcam (with microphone) or microphone next to the speaker.</li> <li>•Avoid facing the webcam (with microphone) or microphone toward the speaker.</li> <li>•Reduce the microphone volume to max. 100% if needed.</li> <li>•Adjust the volume of the IFP/CDE device to 30% or less.</li> <li>•Adjust your laptop volume to 70% or less.</li> </ul>
Volume is too low	<ul style="list-style-type: none"> <li>•Verify that your microphone is not muted on the OS audio settings.</li> <li>•Increase the microphone volume in the OS audio setting.</li> <li>•Update the webcam or speaker to the latest firmware.</li> </ul>

## Regulatory and Service Information

### Compliance Information

This section addresses all connected requirements and statements regarding regulations. Confirmed corresponding applications shall refer to nameplate labels and relevant markings on the unit.

#### FCC Compliance Statement

This device complies with part 15 of 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 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.

### Canadian Regulatory Statements

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

### CE Conformity for European Countries



The device complies with the EMC Directive 2014/30/EU and Low Voltage Directive 2014/35/EU.

The following information is only for EU-member states:




■ The mark shown to the right is in compliance with the Waste Electrical and Electronic Equipment Directive 2012/19/EU (WEEE). The mark indicates the requirement NOT to dispose of the equipment as unsorted municipal waste, but use the return and collection systems according to local law.

### Customer Service

































For technical support or product service, see the table below or contact your reseller.

**NOTE:** You will need the product's serial number.

Country/ Region Website Country/ Region Website			
Asia Pacific & Africa			
Australia	<a href="http://www.viewsonic.com/au/">www.viewsonic.com/au/</a>	Bangladesh	<a href="http://www.viewsonic.com/bd/">www.viewsonic.com/bd/</a>
410 (China)	<a href="http://www.viewsonic.com.cn">www.viewsonic.com.cn</a>	to (Vnet3Z)	<a href="http://www.viewsonic.com/hk/">www.viewsonic.com/hk/</a>
Hong Kong (English)	<a href="http://www.viewsonic.com/hk-en/">www.viewsonic.com/hk-en/</a>	India	<a href="http://www.viewsonic.com/in/">www.viewsonic.com/in/</a>
Indonesia	<a href="http://www.viewsonic.com/id/">www.viewsonic.com/id/</a>	Israel	<a href="http://www.viewsonic.com/il/">www.viewsonic.com/il/</a>
6* (Japan)	<a href="http://www.viewsonic.com/jp/">www.viewsonic.com/jp/</a>	Korea	<a href="http://www.viewsonic.com/kr/">www.viewsonic.com/kr/</a>
Malaysia	<a href="http://www.viewsonic.com/my/">www.viewsonic.com/my/</a>	Middle East	<a href="http://www.viewsonic.com/me/">www.viewsonic.com/me/</a>
Myanmar	<a href="http://www.viewsonic.com/mm/">www.viewsonic.com/mm/</a>	Nepal	<a href="http://www.viewsonic.com/np/">www.viewsonic.com/np/</a>
New Zealand	<a href="http://www.viewsonic.com/nz/">www.viewsonic.com/nz/</a>	Pakistan	<a href="http://www.viewsonic.com/pk/">www.viewsonic.com/pk/</a>
Philippines	<a href="http://www.viewsonic.com/ph/">www.viewsonic.com/ph/</a>	Singapore	<a href="http://www.viewsonic.com/sg/">www.viewsonic.com/sg/</a>
JAM (Taiwan)	<a href="http://www.viewsonic.com/tw/">www.viewsonic.com/tw/</a>	ISLY10111,10	<a href="http://www.viewsonic.com/th/">www.viewsonic.com/th/</a>
ViOt Nam	<a href="http://www.viewsonic.com/vn/">www.viewsonic.com/vn/</a>	South Africa & Mauritius	<a href="http://www.viewsonic.com/za/">www.viewsonic.com/za/</a>
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Europe	<a href="http://www.viewsonic.com/eu/">www.viewsonic.com/eu/</a>	France	<a href="http://www.viewsonic.com/fr/">www.viewsonic.com/fr/</a>
Deutschland	<a href="http://www.viewsonic.com/de/">www.viewsonic.com/de/</a>	Ka3ar(craii	<a href="http://www.viewsonic.com/kz/">www.viewsonic.com/kz/</a>
Pocuis	<a href="http://www.viewsonic.com/ru/">www.viewsonic.com/ru/</a>	Espana	<a href="http://www.viewsonic.com/es/">www.viewsonic.com/es/</a>
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United Kingdom	<a href="http://www.viewsonic.com/uk/">www.viewsonic.com/uk/</a>		

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References

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-  [ViewSonic Australia | ViewBoards, Monitors, and Visual Solutions](#)
-  [ViewSonic Bangladesh | ViewBoards, Monitors, and Visual Solutions](#)
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- [vcastactivate.viewsonic.com](https://vcastactivate.viewsonic.com)

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