

# VAIL CAST



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The VAIL Cast is a universal compact digital amplifier that can seamlessly connect to all popular voice control platforms, mobile devices, and computers. Once connected to the speakers of your choice you can access the power and flexibility of music and audio in one room or an entire home through its ability to connect to Apple, Amazon, Google, Spotify, and others. It can be placed on any surface or be mounted into the wall.

\*Note that some services may require separate subscriptions or fees from the respective providers.

## WHAT'S IN THE BOX

1 VAIL Cast

1 Wall Mount Bracket Kit  
(Necessary only for Wall Mounting)

1 Power Supply

1 IR Receiver (3 volt)

## SEE OUR INSTRUCTIONAL VIDEOS AT

[www.vanguarddynamics.com/vail-cast](http://www.vanguarddynamics.com/vail-cast)



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# Quick Start Guide

Detailed Instructions Available at [www.vanguarddynamics.com](http://www.vanguarddynamics.com)

## Connect to Your Network

To use all features of your VAIL Cast it must first be connected to the network that the devices (computers, tablets, phones) you wish to operate it with reside. You only need to connect it using one of the following methods. Once it is on your network you can enable features in other platforms through their respective set ups. **IMPORTANT:** If you have multiple devices, setup one VAIL Cast at a time and leave the others powered off. This will make it easier to select and name the correct device. After connecting to your network the VAIL Cast will check for updates. If updates are available the CAST light will flash multiple colors. Please wait for the flashing to stop before proceeding to additional steps.

First connect the included power supply to the DC IN location on the back of the VAIL Cast. Wait a few moments for it to power up. You will first see all the lights on the front flashing. Once they have stopped you will be ready to proceed with the steps below.

USE ONE METHOD: Android or iOS

### via Android

On your mobile device, if you do not already have it installed, please install the Google Home App first. Open the Google Home App on your Android device, select "Set up Chromecast built-in speaker". Follow the guided setup process.

### via iOS

On your mobile device if you do not already have it installed, please install the Apple Home App first. Open the Home App, click "+" and select "Add Accessory". Then click, "I don't have a Code or Cannot Scan" and select VAIL Cast when it appears.

## Alexa Connection

To connect to Alexa, you must first connect the VAIL Cast to your network using Google Home or Apple Home as described above. Note the process below is a one-time setup. Once complete the VAIL Cast will be available for use with Alexa and the process will only have to be repeated if you reboot the VAIL Cast.

Search for the App called VAIL Cast in the Android or Apple Stores. Download the App and follow the instructions.

## Bluetooth Connection

You can also stream audio to VAIL Cast via Bluetooth.

Note: you must repeat this process with every device. The VAIL Cast Bluetooth pairing remains hidden until Step 1 is done.

Step 1. Press and hold the VOLUME UP and VOLUME DOWN buttons simultaneously for 5 seconds until BT LED is blinking Blue.

Step 2. Go to your mobile device to pair new device. Select VAIL Cast or the custom name you have given VAIL Cast.

## TV Connection

One advantage of the VAIL Cast is that it allows you to listen to audio from your TV through the speakers connected to the VAIL Cast. Most new TVs have a "fixed" audio output. That means that while the remote for the TV will control the volume on the TV it will not raise, lower or mute the audio output (optical or digital) from your TV. To control the volume on your TV you will need to learn the IR commands from your TV remote into the VAIL Cast as described.

Step 1. Connect your TV audio to the VAIL Cast. If it is an optical output on the TV, use an optical audio cable and connect to the OPTIC input on the VAIL Cast. If it is an analog audio output connect the audio output to the jack marked LINE on the VAIL Cast. The LINE jack is a 3.5mm stereo input.

Step 2. To control volume via an Infrared TV remote, connect the included IR receiver to the plug on the back of VAIL Cast. If you plan to use an IR receiver not supplied, it MUST BE 3 volts. Once the IR receiver is connected follow the steps below using the remote of the TV/source you have the VAIL Cast connected to.

1. Press and hold down VOLUME UP and MUTE buttons simultaneously on VAIL Cast for 5 seconds to enter IR learning mode until OPT led blinks purple.

2. Once CAST led blinks white, point the remote control to the VAIL IR receiver and press VOLUME DOWN on your remote control 3 times, then press VOLUME DOWN on VAIL Cast 3 times. OPT led will blink purple as confirmation that VOLUME DOWN has been programmed.

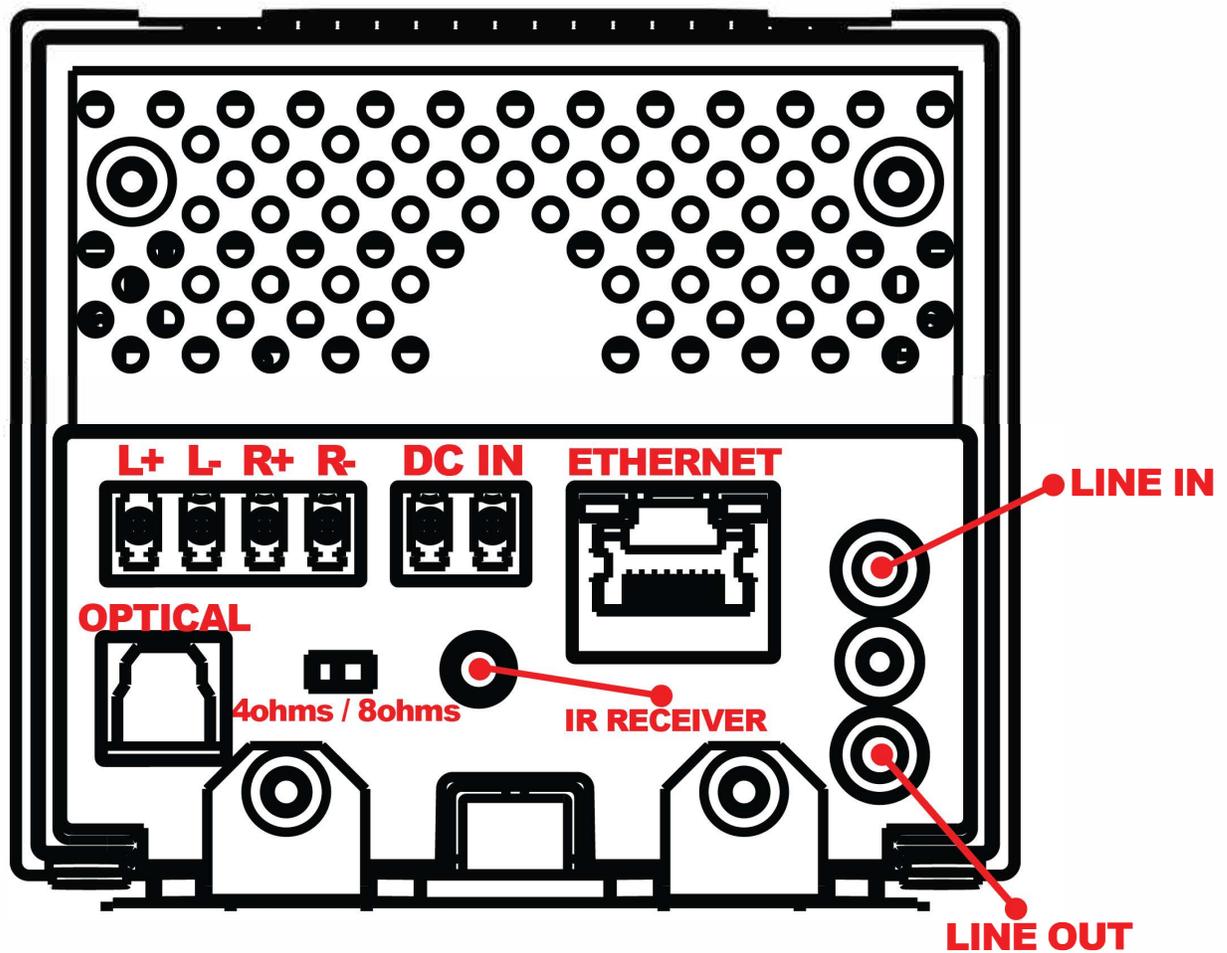
3. Once OPT led blinks white, point remote to the VAIL IR receiver and press MUTE on your remote control 3 times, then press MUTE on VAIL Cast 3 times. OPT led will blink purple as confirmation that MUTE has been programmed.

4. Once AUX led blinks white, point remote to the VAIL IR receiver and press VOLUME UP on your remote control 3 times, then press VOLUME UP on VAIL Cast 3 times. OPT led will blink purple as confirmation that VOLUME UP has been programmed.

After Completing the above steps, please test to make sure the commands are working with the source operating.



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1. Read these instructions – All the safety and operating instructions should be read before this product is operated. 2. Keep these instructions – The safety and operating instructions should be retained for future reference.
3. Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow all instructions – All operating and use instructions should be followed.
5. Do not use this apparatus near water – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized plug, if provided. A polarized plug has two blades with one wider than the other. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where it exits from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug the apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as; the power-supply cord or plug is damaged, liquid has been spilt or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14. CAUTION: Servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

## FCC STATEMENT

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. 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 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 radiofrequency 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.
- Only operate the device in accordance with the instructions supplied. This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## IC STATEMENT

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. The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure. Users can obtain Canadian information on RF exposure and compliance. This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This Class B digital apparatus complies with Canadian ICES-003. This Category II radiocommunication device complies with industry Canada Standard RDD-310.

## TRADEMARK AND LICENSE



Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Apple, iPad, iPad Air, iPad Pro, iPhone and AirPlay are trademarks of Apple Inc., registered in the U.S. and other countries. To control this AirPlay 2-enabled speaker, iOS 11.4 or later is required.

Google, Android, Google Home and Chromecast built-in are trademarks of Google LLC. Amazon, Alexa and all related logos and motion marks are trademarks of Amazon Inc. or its affiliates.

Use your phone, tablet or computer as a remote control for Spotify. Go to [spotify.com/connect](https://spotify.com/connect) to learn how.

The Spotify p Software is subject to third party licenses found here: <https://www.spotify.com/connect/third-party-licenses>.

The device must be able to be awakened by the Google service in various power modes, the LS9X module and the Ethernet module in the device needs to be in working mode all the time, so the device power consumption will be greater than 2W when the device enters the network standby.