

Installation Guide for the SpeakerVIEW Controller

This guide contains only the information required to install this product. Refer to the **Complete Manual for SpeakerVIEW** for information on configuring and using this product.

Overview

This guide provides information about:

- **SpeakerVIEW Controller**, 999-73000-000 (worldwide)



What's in this Guide

This guide covers:

- Product Features
- Tips for a successful installation
- Information on connecting the system components
- System power-on

SpeakerVIEW Controller Features

- SpeakerVIEW Controller is a network based intelligent processor that can automate an AV installation using the location information provided by selected beamforming microphones
- It has an intuitive webUI that allows the user to assign user configurable Actions to trigger events
- It can connect to up to 8 microphones to receive this location data
- SpeakerVIEW Controller can connect to and control a single Vaddio endpoint, either a multi-camera video switcher or a standalone camera.

For more information on what you can do with SpeakerVIEW Controller, please consult the **Complete Manual for Vaddio SpeakerVIEW**, which can be downloaded from the [Legrand AV website](#).

On this page you'll also find a list with all the Vaddio devices that can be controlled by SpeakerVIEW Controller.

Unpacking SpeakerVIEW Controller

Make sure you received all the items you expected.



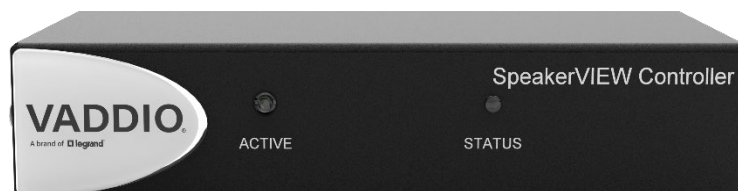
The box should contain these items:

- SpeakerVIEW Controller
- 1/2 rack unit mounting ears

A Quick Look at the SpeakerVIEW Controller

Physical features of the device – controls, status lights, and connectors.

Front panel



- **ACTIVE light and push button**
 - Push button to toggle between tracking mode ON and OFF
 - LED is blue during normal operation
- **STATUS light** – Multicolor LED shows device status:
 - Purple – Booting up/initializing
 - Blue – Normal operation, Tracking is Enabled
 - Blinking Red – Tracking mode is disabled (Setup Mode)
 - Yellow – Firmware update in progress
 - Blinking Yellow – Factory Reset Mode active

Back panel



From left to right:

- **NETWORK PoE** (RJ45 connector) – Power, control via web interface or commandline. Connect to a powered port on a PoE switch or use an optional PoE injector.
- **RESET button** – Press and hold using a straightened paperclip or SIM card ejector tool while applying power to perform physical factory reset.

Installation and connections

This section covers how to install and connect the product. It also provides safety information and other guidance related to installing the product.

Don't void your warranty!

Caution

This product is for indoor use. Do not install it outdoors or in a humid environment without the appropriate protective enclosure. Do not allow it to come into contact with any liquid.

Do not install or operate this product if it has been dropped, damaged, or exposed to liquids. If any of these things happen, return it to Vaddio for safety and functional testing.

Before you start

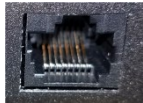
Prepare for a successful installation:

- Be sure you can identify all cables correctly.
- If you make cables for this installation, check them for continuity.
- Talk to the network administrator. If installing the device in a non-DHCP network (one that does not automatically assign IP addresses), you will need to configure the device with a static IP address as directed by the network administrator.

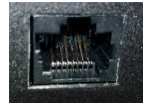
Cabling notes

Caution

Do not use pass-through RJ-45 connectors when making cables for this product. Poorly crimped connectors of this type can cause intermittent connections and degraded signal quality. They can also damage the connectors on the product, which will void your warranty



Intact – will make reliable contact with cable connector



Damaged – Bent contact fingers will NOT make reliable contact with cable connector

When making category cables for this product, use Cat-5E or better cable. We recommend using high-quality connectors and a high-quality crimping tool.

We recommend shielded cabling if the cables will be coiled, run tightly with other cables, or routed near sources of electromagnetic interference such as power lines or fluorescent light fixtures.

Caution

Check your cables. Connecting a cable to the wrong port or using the wrong pin-out can result in equipment damage and will void the warranty.

Pro Tip

Label all cables at both ends.

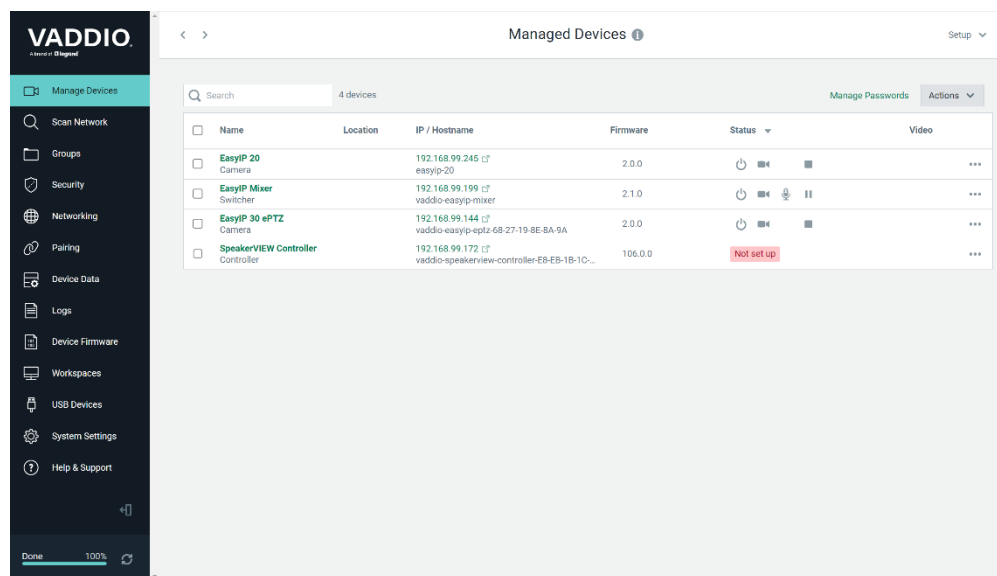
SpeakerVIEW Controller Initial Setup

SpeakerVIEW Controller is a network device that is designed to be powered over PoE (Power over Ethernet). This power is usually provided by your PoE network switch.

If you do not have a PoE network switch available, you can power SpeakerVIEW Controller using a PoE injector. Vaddio recommends using the [Luxul PI-25 PoE+ Power Injector](#) to power SpeakerVIEW Controller.

Discovering SpeakerVIEW Controller on the network

Use [Vaddio Deployment Tool](#) to find the current IP address of the Controller.



Click the "Not set up" button to set up the Administrator password.

Not set up

Enter and confirm your preferred Administrator password:



Now you're ready to connect to the product by clicking on the IP address of the product in the Deployment Tool interface.

Basic connections

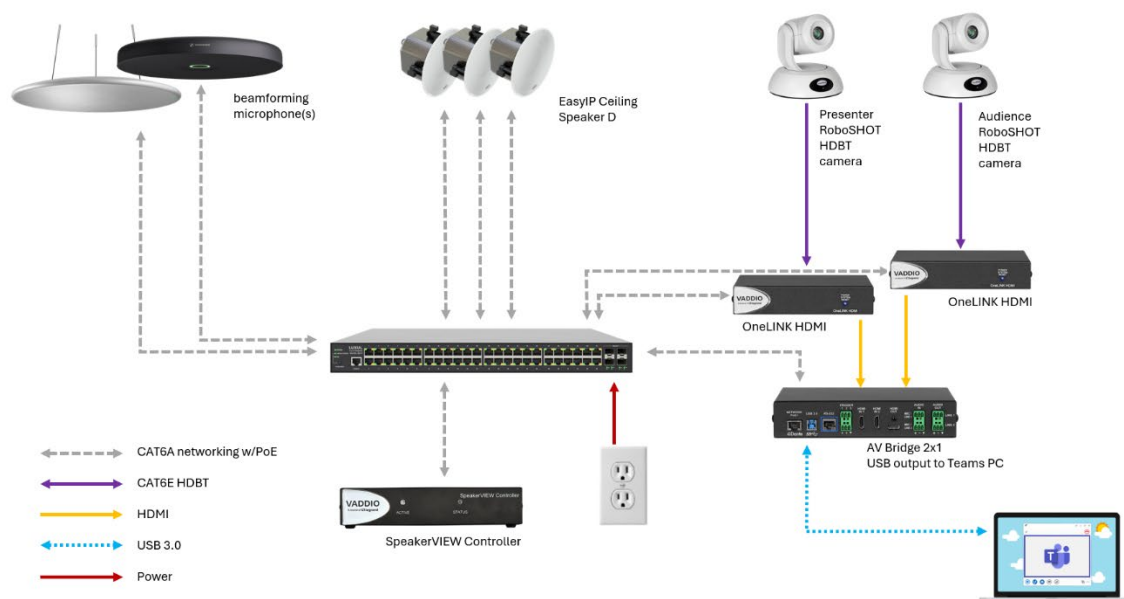
An example of a SpeakerVIEW Controller being used to automate a 2 camera setup in an educational setting.

The SpeakerVIEW Controller will connect over the network to the supported third party ceiling microphone(s) and receive the active talker location information from the microphone(s).

SpeakerVIEW Controller will process this information from up to 8 microphones in a room.

Then it will, again over the network, drive a video switcher to position the connected cameras to capture what is happening in the room.

The video switcher will use the Dante audio coming from the microphones and the networked Dante ceiling speakers to bring immersive audio + video in the room and over USB to the remote part of the lecture.



Next Steps

Nothing will happen until the SpeakerVIEW Controller is paired with your microphones and the Vaddio video switcher. Refer to the **Complete Manual for SpeakerVIEW** for information on setting up the speaker framing functionality of the system.

Operation, Storage, and Care

For smears or smudges on the product, wipe with a clean, soft cloth. Do not use any abrasive chemicals.

Keep this device away from food and liquids.

Do not operate or store the device under any of the following conditions:

- Temperatures above 40° C (104° F) or below 0° C (32° F)
- High humidity, condensing or wet environments
- Inclement weather (you know — storms, very hot weather, and any other weather that makes you want to stay indoors and perhaps go back to bed)
- Severe vibration
- Corrosive atmosphere
- Dry environments with an excess of static discharge

Do not attempt to take this product apart. There are no user-serviceable components inside.

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