

Installation Guide for the EasyIP PCC and PCC Mini Four-Camera Joystick Controllers

Overview

This guide provides information about:

- EasyIP PCC four-camera joystick controller, 999-57755-000 (worldwide)
- PCC Mini four-camera joystick controller, 999-57750-000 (worldwide)

About this guide

This guide covers:

- Controls and connections
- Tips for a successful installation
- Connection diagram
- Equipment power-on

Complete product information is available in the **Complete Manual for the EasyIP PCC Four-Camera Joystick Controller**.



Features

- Simple control of up to four cameras:
 - EasyIP PCC for EasyIP cameras
 - PCC Mini for other Vaddio cameras
- Three-axis Hall effect joystick
- Illuminated pushbuttons for camera selection
- Web interface for operation and administrative control
- Use with the Vaddio Device Controller or manage from your PC
- Your EasyIP Switch powers the EasyIP PCC; a PoE+ mid-span power injector powers the PCC Mini

A quick look at the camera controller

The EasyIP PCC and PCC Mini look identical except for the model information.



Camera buttons (lower row) – Select the camera to use for the next shot (the preview camera). The buttons are only illuminated if they are assigned to cameras.

Preset buttons (upper row) – Use these buttons to select presets 1 through 4 on the selected preview camera. The buttons are only illuminated if the corresponding presets have been stored on the camera.

Joystick – Left/right to pan, forward/back to tilt, twist to zoom.



Kensington lock slot – Keep your joystick from adventuring away into the wide, wonderful world.

PoE+ Gigabit Ethernet port – Power and network connectivity, including access to cameras.

Courtesy HDMI output – Video from the camera you are currently controlling.

IP button – Press to overlay the device's IP address on the HDMI video output display.

Installation

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

Note

This product is intended for installation and use only in environments where all RS-232 and PoE/PoE+ connections originate within the building.

Or in UL's preferred phrasing...

PoE-type networks connected to this equipment are for intra-building use only and should not be connected to lines that run outside the building in which this product is located.

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.

Cabling notes

Best practices for making cables:

- Use Cat-5e or better cable. We recommend shielded cabling if the cables will be coiled, run tightly with other cables, or placed close to sources of electromagnetic interference such as power lines or fluorescent light fixtures.
- Use high-quality standard RJ-45 connectors; 568B termination recommended.
- Use a high-quality crimping tool.



Caution

When building cables for Vaddio products, do not use pass-through RJ-45 connectors. If they are crimped incorrectly, they can cause intermittent connections and degrade signal quality. Incorrectly crimped pass-through connectors can also damage the connectors on the product, which will void your warranty.



Intact – will make reliable contact with the cable connector



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

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

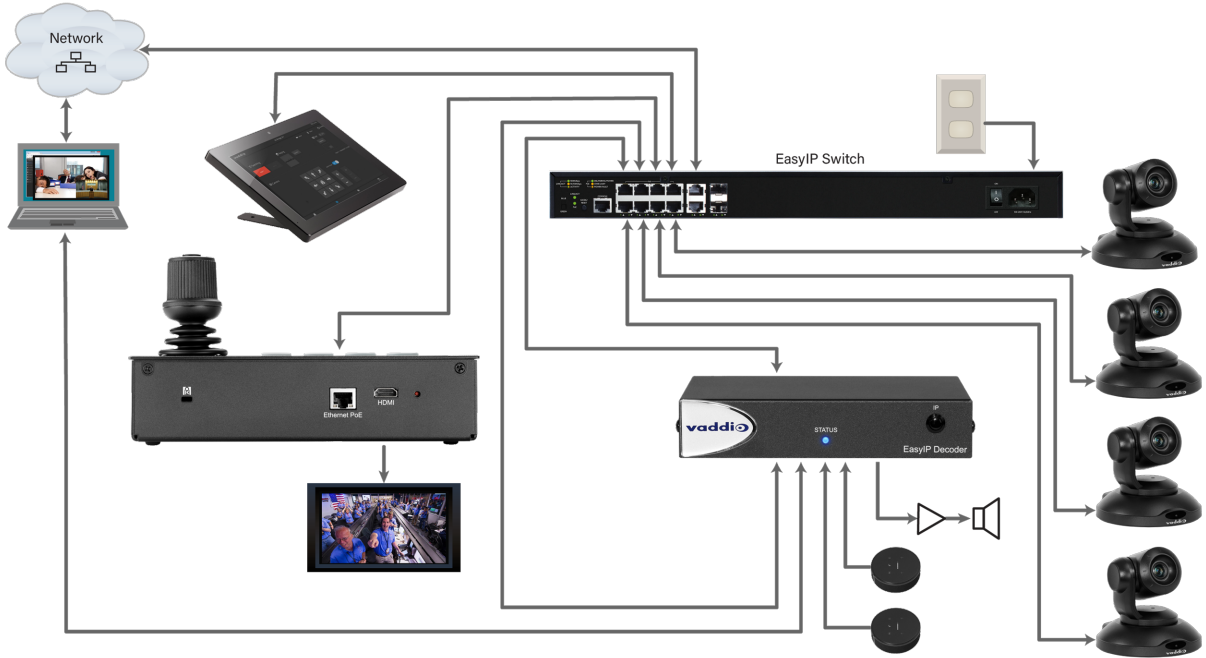
To prevent tragic mishaps, label both ends of every cable.

Basic connections

Because the EasyIP PCC and PCC Mini are for different environments, the connections are different.

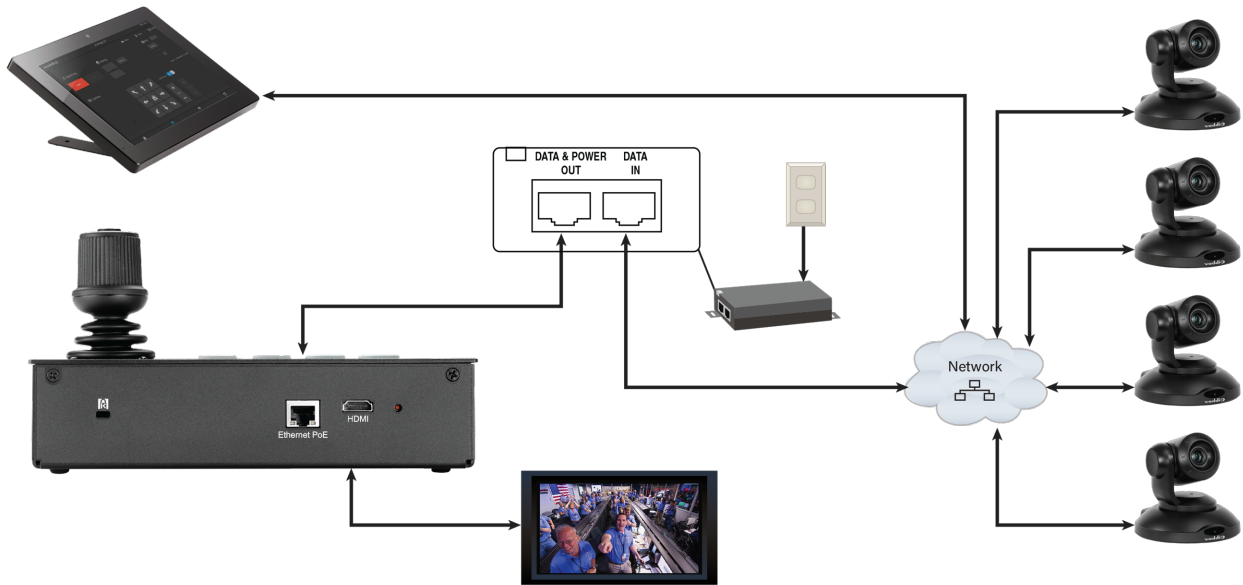
Connecting the EasyIP PCC controller

The EasyIP PCC connects to the EasyIP Switch that powers the rest of the EasyIP installation. A Vaddio Device Controller provides access to the web interfaces of all the EasyIP products connected to the switch.



Connecting the PCC Mini controller

The PCC Mini connects to the network via a PoE+ mid-span power injector. A Vaddio Device Controller provides access to Vaddio products on the same subnet.



Ensuring compatibility

The controller may be unable to communicate with Vaddio cameras if their firmware is out of date. When you set up the controller, be sure the associated cameras have been updated to the latest firmware.

Powering up

When you power up the device for the first time, you will need to access the web interface to configure it for operation.

Next steps

The joystick controller is now ready to configure. Until the product is configured, it is not functional. Refer to the **Complete Manual for the EasyIP PCC and PCC Mini Four-Camera Joystick Controllers**.

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
- Severe vibration
- Corrosive atmosphere
- Dry environments with an excess of static discharge
- As a shield while dueling (the dimensions are all wrong for that)

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

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