

PRODUCTIONVIEW™

PRECISION CAMERA CONTROLLER

Joystick Camera Controller with Color and Focus Controls

In our continuing drive to redefine camera control, Vaddio introduces the Precision Camera Controller system. Designed to control up to seven PTZ cameras, the Precision Camera Controller can be used as a stand-alone device or in conjunction with a variety of video switchers or mixers on the market today.

The control surface gives system users real-time knobs and buttons to control functions. In addition to a joystick controller with separate pan, tilt and zoom speed adjustment knobs, there are controls for red & blue gain, detail, iris and gain.

Two Precision Camera Controllers can be linked together to allow the user to control all cameras from either controller. The system is capable of storing up to 14 pan, tilt and zoom position presets per camera. Two discrete control buses can be configured to select PTZ cameras, as well as control an external switcher or mixer via either RS-232 or tally outputs on the back of the console.

Precision Camera Controller is the ideal camera control system for a variety of applications, including houses of worship, local government, videoconferencing, live event production and other situations where PTZ camera control is required.



Figure 1: ProductionVIEW Precision Camera Controller

WHAT'S INCLUDED

- Vaddio Precision Camera Controller
- 18 VDC Power Supply
- AC Cord Set
- Documentation

TECHNICAL FEATURES

Color and Shading Controls

Controls for red and blue gain, detail, iris and gain are all accessible on a per-camera basis from the console. One-push white balance (OPWB) and auto white balance (AWB) are also available.

Focus Controls

A large focus wheel for fast, accurate manual focus of the camera is built-in. With the push of a button, Fast Focus will zoom the camera in to allow manual adjustment of focus, and then with a second button push, will zoom the camera out to its previous zoom position.

3-Axis Hall-Effect Joystick

The improved Hall-Effect joystick includes larger handle for better grip, along with a button that moves the PTZ camera to its home position when pressed.

Seven Auto-Configuring RS-232 Control Ports

The Precision Camera Controller has seven (7) discrete control ports which eliminates the need to daisy chain control cabling. The Precision Camera Controller is capable of auto-sensing each camera attached. Control codes for the following cameras are built-in:

Vaddio WallVIEW™ Series Cameras
 Vaddio CeilingVIEW™ Series Cameras
 Vaddio HideAway™ Series Cameras
 Vaddio Model Series Cameras
 Vaddio Add-A-Cam™ PRO Camera Systems
 Panasonic® AW-HE100 Camera
 Sony® EVI & BRC Series Cameras
 Canon® VC-C50i & VC-C50iR

TECHNICAL FEATURES (continued)

Link To Second Precision Camera Controller

The Link port on Precision Camera Controller allows two Precision Camera Controllers to be connected, allowing camera control from one Precision Camera Controller or the other.

External Control Capability

The Precision Camera Controller has two rows of seven external control switches. These switches can be tied to Tally outputs and can be used to control external video switchers through contact

closures, or connected to tally lights such as those found on Vaddio's WallVIEW CCU series of camera systems.

Master RS-232 Control Port

The master control port allows connection to other control systems or third-party video switchers and mixers.

Vaddio Part Numbers

999-5700-000 for North America

999-5700-001 for International



Figure 2: ProductionVIEW Precision Camera Controller Rear Panel Connectors

TECHNICAL SPECIFICATIONS

ProductionVIEW Precision Camera Controller	
Part Numbers:	999-5700-000 (North America) 999-5700-001 (International)
System I/O:	Seven (7) RS-232 Camera Control Ports on RJ-45 Connectors One (1) Link Port on RJ-45 One (1) RS-232 Control Port on DB-9F Seven (7) Tally Outputs – Group A Seven (7) Tally Outputs – Group B One (1) Power Connector (Coaxial, Positive Center, 5.5mm OD x 2.5mm ID)
Compatible Cameras:	Vaddio WallVIEW, HideAway, Model and Add-Cam Series Cameras Panasonic AW-HE100 PTZ Camera Sony EVI and BRC Series PTZ Cameras Canon VC-C50i and VC-C50iR
Joystick:	3-Axis, Hall-Effect, Non-contacting type with button on top
Internally Stored Presets:	98 (14 per PTZ camera attached)
Camera Control Parameters:	Iris, Gain, Detail, Red Gain, Blue Gain, Focus on rotary encoders. Pan, Tilt and Zoom on joystick. Auto Iris, Backlight Compensation, One-Push White Balance, Auto White Balance, Fast Focus and Auto Focus on buttons. <i>Note: not all functions are compatible with all cameras</i>
LCD Display:	8 – line backlit LCD display
Power Requirements:	PowerRite 18 VDC, 2.75 Amp
Weight:	5 lbs. (2.27kg) – approximate weight
Dimensions (H x W x D):	16" (40.64cm) x 7" (17.8cm) x 3.75" (9.53cm)