

PRODUCTIONVIEW™ SUPER JOYSTICK

Integration Joystick with Six Discrete Camera Control Ports, On-board Camera Presets, LCD Preview Monitor and External Control Capability

The Vaddio™ ProductionVIEW Super Joystick is a unique integration joystick controller that is based on the ProductionVIEW series of camera controllers. The Super Joystick has six individual RS-232C camera control ports for direct control of PTZ cameras which eliminates the need for daisy chain control cabling. The camera control ports are on RJ-45 connectors which easily connect to the Vaddio EZCamera™ cabling packages using a Cat. 5 wiring standard.

Each of the six camera control ports will auto-configure based on the robotic PTZ camera system connected to that port upon boot up. Whether it is a Vaddio, Sony® or Canon® PTZ camera system the ProductionVIEW Super Joystick senses the cameras and provides for seamless control of the camera functions. Each of the six cameras attached has been supplied with 12 internally stored camera presets effectively removing the internal preset limitations of the camera. Each of the six cameras attached can also be adjusted individually for the operating environment with adjustments for auto/manual focus, auto/manual brightness, backlight compensation and one push automatic white balance.

The ProductionVIEW Super Joystick has two rows of six external control switches which can be used in a variety of ways. These switches are tied to trigger outputs and can be used to control external video switchers with contact closures or tally lights for studio applications. The Super Joystick also has provision for external control of select HD switchers/mixers with built-in RS-232 codes in the system menu. And like all ProductionVIEW series controllers, a 4" LCD preview monitor is built-in. Overall, the ProductionVIEW Super Joystick is a unique and advanced camera controller that is unmatched in today's market for functionality, convenience and value.



Figure 1: ProductionVIEW Super Joystick

WHAT'S INCLUDED

- Vaddio Super Joystick Controller
- 18 VDC Power Supply
- AC Cord Set
- Documentation

TECHNICAL FEATURES

Individual RS-232C Camera Control Ports

The ProductionVIEW Super Joystick has six (6) discrete control ports which eliminates the need to daisy chain control cabling. Focus, brightness, backlight compensation and white balance are also controlled per camera.

Master RS-232 Control Port

A master RS-232 control port on a DB-9F allows connection to other control systems for complete access to the internal functions of the ProductionVIEW Super Joystick.

3-Axis Hall-Effect Joystick

The Hall-Effect joystick allows for control of pan/tilt (X/Y coordinates) and the zoom function (twist for zoom axis). This non-contacting joystick uses industrial quality magnets and sensors, providing solid, consistent performance throughout its entire lifetime.

Six Auto-Configuring Camera Control Ports

Like all other ProductionVIEW controllers, the Super Joystick is capable of identifying and auto-configuring the RS-232 camera control port for each camera attached. The control codes for the following cameras are built-in:

Vaddio WallVIEW Series Cameras
 Vaddio CeilingVIEW Series Cameras
 Vaddio HideAway Series Cameras
 Vaddio Add-A-Cam PRO Series Systems
 Sony EVI-D30, EVI-D100, EVI-D70, & EVI-HD1
 Sony BRC-300 3-CCD Camera
 Canon VC-C50i & VC-C50iR

TECHNICAL FEATURES (CONTINUED)

Twelve (12) Camera Presets per Camera

Each camera connected to the individual control ports can have up to 12 presets each, for a total of 72 presets, stored in the Super Joystick for recall without storing presets in the camera.

Built-in 4" Diagonal LCD Video Monitor

Like all ProductionVIEW Series Controllers, a 4" (101.6mm) Diagonal LCD Video Monitor is built-in for viewing up to two external video inputs (i.e. preview, main).

External Control Capability

The ProductionVIEW Super Joystick has two rows of six external control switches. These switches are tied to trigger outputs and can be used to control external video switchers or control systems with contact closures, or tally lights for studio applications. The Super Joystick also has provision for external control of select

HD switchers/mixers with built-in RS-232 codes in the system menu. All button pushes also can be reported out of the Master RS-232 port for translation by a control system (i.e. Crestron® or AMX®) to control many other external RS-232 switchers, mixers or scalars.

Menu Driven System

The ProductionVIEW Super Joystick menus are displayed on a back-lit 2 line LCD and allow the operator to customize the set-up and operation of the joystick for a wide variety of applications.

Convenient Labeling

The individual and master RS-232 control port pin-outs are clearly labeled on the back panel.

Vaddio Part Numbers

999-5300-000 for North America
999-5300-001 for International



Figure 2: ProductionVIEW Super Joystick Rear Panel Connectors

TECHNICAL SPECIFICATIONS

ProductionVIEW Super Joystick	
System Part Numbers	999-5300-000 North America (North American AC Cord Set) 999-5300-001 International (Euro and UK AC Cord Set)
System I/O	Six (6) RS-232 Camera Control Ports on RJ-45 Connectors One (1) Master RS-232 Control Port on DB-9F Six (6) External Control A (Preview) Triggers/Tally on Phoenix Type Connectors Six (6) External Control B (Main) Triggers/Tally on Phoenix Type Connectors One (1) Ext. Video A (Preview) Input on BNC Connector One (1) Ext. Video B (Main) Input on BNC Connector One (1) Power Connector (Coaxial, Positive Center, 5.5mm OD x 2.5mm ID)
Joystick	3-Axis, Hall Effect, Non-contacting type
LCD Monitor	4" (101.6mm) Active Matrix with 960 x 234 Resolution
LCD Display	2-Line Back-lit Display
Internally Stored Presets	72 (12 per PTZ camera attached)
Camera Control Parameters	Brightness, Focus, AWB (auto white balance) and BLC (back light compensation)
Power Supply	18 VDC 2.75 Amp
Weight	7lbs/3.175kg
Dimensions (H x W x D):	4" (10.2cm) x 16" (40.6cm) x 10" (25.4cm)