

# PRODUCTIONVIEW™ FX

## Camera Control Console with Video Switching, Video Mixing Transitions and Automated Control Functionality

Like the original ProductionVIEW, the ProductionVIEW FX incorporates all of the same matrix video switching, camera preset control and joystick camera control functionality that has made the ProductionVIEW one of the most fully featured video consoles on the market today. In addition to the ProductionVIEW's feature rich platform, the new ProductionVIEW FX (Figure 1) delivers user selectable, frame synchronized transitions that are completely seamless, professional and without compromise in quality.



Figure 1: ProductionVIEW FX Camera Control Console

Among the included transitions are straight cuts, fades (in and out), cross fades (one image fading into another) and wipes (up, down, side to side and corner). The user can select the transition and the transition time, up to four seconds, to automatically activate as the inputs are switched on the main and preview buses. The ProductionVIEW FX is extremely clean, extraordinarily powerful and remarkably easy to use. Once again, the overall value of the ProductionVIEW FX is unmatched in today's camera control, video mixing and video switching market.

- The ProductionVIEW FX's unique attributes start with Joystick control of up to six (6) PTZ cameras directly (without daisy chaining) and the six discrete camera control ports auto-sense the PTZ camera attached. Whether it be Sony® or Canon® or Vaddio PTZ cameras, the ProductionVIEW FX senses the cameras attached and provides for seamless control of the camera functions.
- Video transitions are user selectable and include the most popular, real world transition effects that are used every day in video productions. In the menus, the user can activate fades, cross fades, wipes as well as using the main bus off control to fade to black to end a video production segment. The transition times are assignable from zero (0) to four (4) seconds. The ProductionVIEW FX uses frame synchronizers with FPGA (field programmable gate arrays) for producing both pristine cuts and exceptionally smooth transitions providing for a professional video performance and amazingly clean video throughput.
- The inclusion of an internal 6 x 2 Video Switcher (for Preview and Main) and a built-in 4" LCD Video screen set the ProductionVIEW FX apart allowing complete monitoring of both Main and Preview sources at the touch of a button. Both the Main and Preview outputs are given S-Video, Composite Video outputs and Stereo Audio outputs for Audio-follow-Video applications.
- Each of the six camera inputs has been supplied with up to twelve (12) internal camera presets that are stored internally to the ProductionVIEW FX. Each input also has S-Video or Composite Video Inputs and Inputs 5 & 6 have stereo Audio inputs for DVD or VCR inputs.
- Each of the six cameras can also be adjusted individually for the environment in which it operates with auto/manual focus, auto/manual brightness, backlight compensation and one-push automatic white balance. The camera control ports are RJ-45F and are easily connected to the Vaddio camera packages using the Vaddio Cat. 5 wiring standard.
- The ProductionVIEW FX is equipped with an Automatic Camera Switching Mode like the Vaddio ControlVIEW products. Cameras 1 and 2 can have six presets each assigned to input triggers like TouchVIEW™ buttons, StepVIEW™ Mats or AutoVIEW™ Active IR ceiling mount sensors. Or, Camera 1 can be configured to respond to all 12 input triggers alone. Cameras 3 through 6 can be configured to each accept a single trigger for preset activation too.
- The ProductionVIEW FX also has 4 assignable Logic outputs for controlling external A/V or RGB switchers as well.



## WHAT'S INCLUDED

The Vaddio **ProductionVIEW FX** includes the following items:

- ProductionVIEW FX Video Control Console
- PowerRite 18 VDC Power Supply
- AC Cord Set
- Documentation

## TECHNICAL FEATURES

### Video Transitions

The user selectable video transitions are truly seamless with exceptional video quality. The transition times are assignable from zero (0) to four (4) seconds and include:

- Fades (in, out, fade to black with main off)
- Cross Fades (one image fades into another)
- Wipes (side to side, up and down and corner)
- Straight Cuts
- Transitions Available on Preview Bus

### 3-Axis Hall-Effect Joystick

High quality Hall-Effect joystick allows for control of Pan/Tilt (X/Y coordinates) and the zoom functions (twist for Z or zoom axis). This non-contacting joystick uses industrial quality magnets and sensors, providing solid, consistent performance throughout its entire lifetime.

### 6 X 2 Video Switcher

Six Video Inputs (S-Video or composite) can be switched to Two discrete Video Outputs; Preview and Main for individual monitoring.

### Individual RS-232 Camera Control Ports

The ProductionVIEW FX has six (6) discrete control ports, one for every camera/video input, so no daisy chaining control is required. Focus, brightness, backlight compensation and white balance are also controlled per camera.

### Operator (manual) and Presenter (automatic) Modes

In addition to a manual or "operator" mode, an Automatic Camera Switching mode for switching to camera presets assigned to Vaddio input triggers like the StepVIEW mats, AutoVIEW IR or TouchVIEW buttons.

### Compatible Cameras

The ProductionVIEW FX is capable of identifying by 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 Add-A-Cam PRO Camera Systems
- Sony EVI-D30, EVI-D100, EVI-D70 & EVI-HD1
- Sony BRC-300 3-CCD Camera
- Canon VC-C50i & VC-C50iR

### Twelve (12) Camera Presets per Camera

The ProductionVIEW FX has a total of 72 internal camera presets. Each camera connected to the individual control ports can have up to twelve presets stored internally for recall without storing presets in the camera.

### Built-in 4" Diagonal LCD Video Monitor

4" (10.16cm) Diagonal LCD Video Monitor is user assignable for viewing either the Preview Output or the Main Output of the video switcher.

### Master RS-232 Control Port

The master control port allows connection to other control systems for complete access to the internal functions of the ProductionVIEW FX.

### Vaddio Part Numbers

**999-5200-000** - ProductionVIEW FX (NTSC)

**999-5200-001** - ProductionVIEW FX (PAL)

## TECHNICAL SPECIFICATIONS

|   |   |
|---|---|
| <b>Compatible Cameras:</b>                                | Vaddio, Sony & Canon  |
| <b>Video Formats Supported:</b>                           | NTSC and PAL  |
| <b>Video Switcher:</b>                                    | 6 x 2, Audio follow Video on Ch. 5 & 6                                    |
| <b>Video Transitions:</b>                                 | Fades, Cross Fades, Wipes and Straight Cuts                               |
| <b>Video Inputs:</b>                                      | Six (6) Composite (BNC), Y/C (4-pin mini)                                 |
| <b>Video Outputs:</b>                                     | Two (2) discrete – Preview and Main) Composite (BNC), Y/C (4-pin mini)    |
| <b>Camera Control Ports:</b>                              | Six (6) RS-232 on RJ-45F  |
| <b>Control Interface:</b>                                 | One (1) RS-232 on DB-9  |
| <b>LCD Monitor:</b>                                       | 4" Diagonal, Switchable between Main and Preview                          |
| <b>Power Requirements:</b>                                | PowerRite 15 VDC Switcher   |
| <b>Control Inputs for Automatic Mode (input 1 and 2):</b> | Cameras 1 & 2 have 6 presets each or Camera 1 can have 12                 |
| <b>Control Inputs for Automatic Mode (inputs 3-6):</b>    | Cameras 3 through 6 have one preset each, or configurable as logic output |
| <b>Weight:</b>  | 8.5 lbs. (3.85kg)   |
| <b>Dimensions (H x W x D):</b>                            | 16" (40.64cm) x 10" (25.4cm) x 4" (10.16cm)                               |