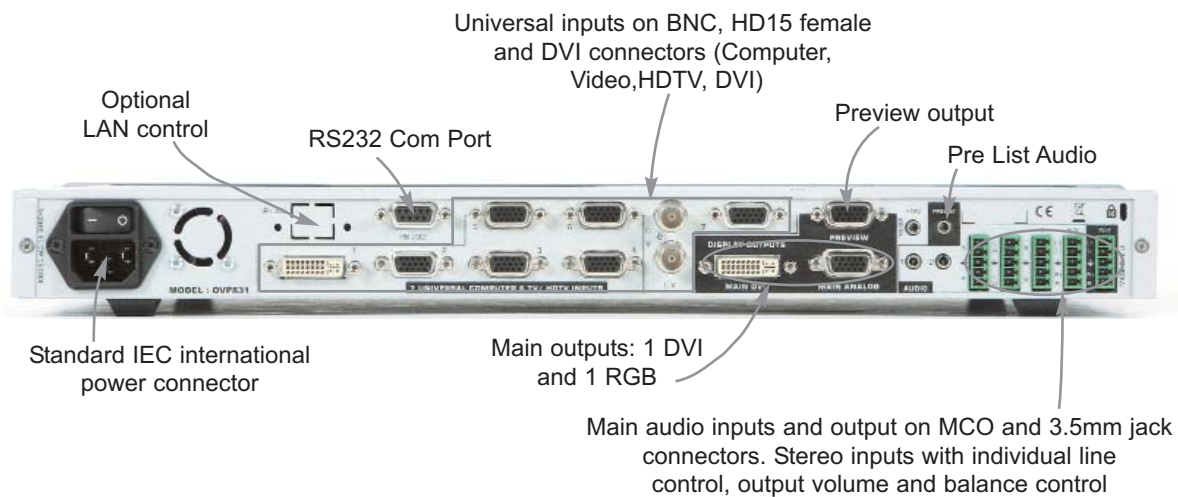
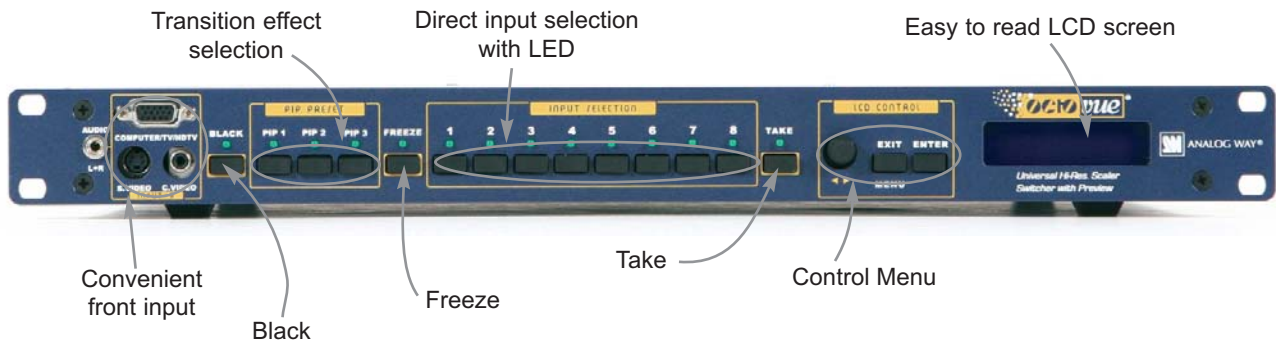
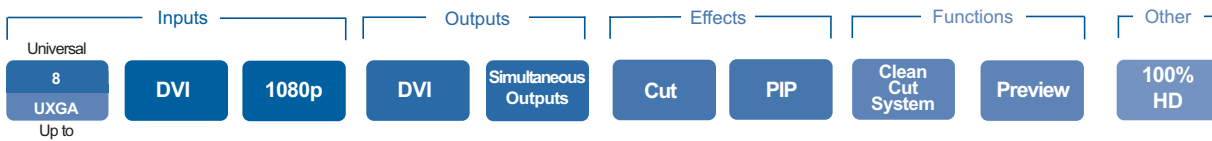


# Octo Vue™

HD Seamless Switcher for Conference Rooms, Houses of Worship and Large Screen Projections

**New!**

**Model. OVP831**



## Inputs

- Analog and Digital Inputs/Outputs up to 1080p
- 8 Universal Inputs with DVI in & out and Audio
- Computer and DVI up to UXGA / 1080p
- Video : NTSC/PAL/SECAM, S. Video, YUV, RGB, HDTV
- 8 + 1 Stereo Audio with level adjustment for each input

## Outputs

- Main : 1 DVI + 2 RGB up to UXGA / 1080p
- Preview : XGA RGBHV
- Audio Stereo Main and Pre-List with level adjustment

## Effects

- Features Scaled Preview and Hi-Res. Picture in Picture
- Seamless and Clean Cut
- Ultra fast and smooth or colored switching



ANALOG WAY®

[www.analogway.com](http://www.analogway.com)

P/N : OVP831/B1107-VA

# Seamless Switchers

## Technical Specifications

### 8 Universal Inputs

- **Composite Video** NTSC = 15.735 kHz/60 Hz  
PAL/SECAM = 15.625 kHz/50Hz  
NTSC = 15.735 kHz
- **S.Video (Y/C)** PAL/SECAM = 15.625 kHz/50Hz  
15.625 kHz/50 Hz - 625L  
15.735 kHz/60 Hz - 525L
- **Component (YUV)** 15.625 kHz/50 Hz - 625L  
15.735 kHz/60 Hz - 525L
- **RGB/S** (TTL or 0.3V Analog), **RGsB** (SOG: 0.3V Analog), 15.625 kHz/50 Hz - 625L, 15.735 kHz/60 Hz - 525L
- **HDTV:** Component (HDYUV 2/3 Level Sync.) 1080i/60-50Hz, 720p/60-50Hz, 480p/60Hz
- **Computer** (RGB HV, RGB/S and RGsB): PC, Mac, Workstation. Automatic Sync. & centering. Resolution from 640x480 to 1600x1200 (up to 110kHz)
- **DVI:** Digital computer up to 1600x1200/60Hz and 1920x1080/60Hz (Fpx: 165MHz max)

### Audio Inputs

#### 8 + 1 Stereo Inputs

- 2 balanced audio inputs
- 7 unbalanced audio inputs
- Vi = + 18 dBu max
- Zi = 20 kOhms unbalanced
- Zi = 40 kOhms balanced
- Gain: adjustable

### Main Display Output

- 2 x Buffered outputs (1 on HD15 F connector and 1 on DVI-I connector) RGB HV, RGB/S or RGsB selectable (H&V separated, Sync. Composite or SOG), RGB= 0.7Vp/p (75 Ohms)
  - 1 x DVI-D on DVI-I connector
  - Resolution: **4/3 & 5/4** = SVGA, XGA, SXGA+, UXGA, **16/9 & 16/10** = WWGA, WWSVGA, WXGA, WSXGA, WSXGA+, 1080p
  - Rate: Internal 50, 60, 72(\*) & 75(\*) Hz (Follow)
- (\*) depending on resolution

### Preview Display Output

- 1 x RGB HV separated Sync - RGB = 0.7V p/p (75 Ohms), resolution: XGA, Rate: 60Hz

### Main Audio Output

- Stereo output (balanced & unbalanced)
- Vo = + 18 dBu max - Zo = 300 Ohms (unbalanced)
- Vo = + 24 dBu max - Zo = 600 Ohms (balanced)
- G = 0dB nominal, with volume

### Prelist Audio Output

- Stereo output unbalanced
- Vo = + 18 dBu max
- Zo = 300 Ohms
- G = 0dB nominal, with master volume

### User Controls and Connectors

#### FRONT PANEL

##### User controls:

- Selection of inputs 1 to 8
  - Programmable effect keys
  - Freeze, Take, Black
  - LCD screen & control buttons for menu: Test patterns, proc. image adjust., input format selection, output format display, output format & sync., audio input level and output, volume adjustments, position & size adjustments, front panel control lockout
- #### Input Connectors:
- Input #8: Video - RCA, Mini DIN 4 and HD15F, Audio - Jack Stereo 3.5

#### REAR PANEL

##### Input Connectors:

- Input #1: DVI-I
- Inputs #2 to #6: HD 15F
- Input #7: HD 15F + 2 BNC
- Audio inputs 3 to 7 and auxiliary: on 5-pin screw terminal
- Audio inputs 1 and 2: on 3.5 jack stereo

##### Output Connectors:

- Main Video: DVI-I + HD 15F
- Preview Video: HD 15F
- Main Audio: 5-pin screw terminal
- Prelist Audio: Jack Stereo 3.5

##### Other:

- 1 x DB9F with 2 RS232 ports
- 1 x Jack 3.5 : +12Vdc trigger
- Optional Ethernet Port 10/100BT: RJ45

### Power Supply

- Internal, universal, automatic, 100-250, VAC;50/60 Hz (50 W) (UL, CSA, GS, CE),ON/OFF AC Main Switch

### Supplied with

- 1 x Power cable
- 1 x Set of 5 audio 5-pin screw terminals
- 1 x DVI-VGA adapter
- 1 x HD15M-5BNC adapter cable of 0.5m (1.5ft)
- 1 x Remote control software
- 1 x User Manual

### Dimensions: 19", 1U Compatible

- D 10.4" x W 19" x H 1.74"
- D 265 mm x W 482 mm x H 44 mm

### Weight: 3.5 kg (7.7 lbs)

### Warranty

- 3 year warranty on parts and labor back to factory

**Octo Vue™** by Analog Way is a **High Resolution Digital and Analog, Computer & Video Scaler Seamless Switcher**. In addition, **OVP831** offers a **true scaled preview** and many effects including **High Resolution PIP** in Computer & Video formats.

**Preview: OVP 831** is fitted with a true scaled Preview out offering the facility to visualize any source before displaying it on the Main output. Preview out ensures easy and safe presentations since any Video or Computer source can be checked on a simple LCD screen before being shown to the audience.

**OVP 831** is fitted with 8 Universal A/V inputs including one DVI, and 4 outputs: 2 Analog and 1 DVI for the Main\*. It performs an ultra fast and smooth transition between any Video or Computer sources. It also allows a true seamless switching between one computer Input (direct) and any other Video or Computer Input.

**OVP 831** is a High Performance State of the Art Up/Down Video and Computer Scaler. Ready to fit the native resolution of the latest HD display devices, it

provides a high quality image thanks to its high quality digital decoder, improved 3:2 and 2:2 pull down circuitry, auto-adaptative pixel by pixel 3D motion compensation, time base corrector, frame rate converter & follower.

Easy to use, **OVP 831** offers an Auto Setup function and a powerful Auto Clock & Phase for Computers. Each input image control - brightness, contrast, color, hue, processing, aspect ratio, zoom, etc ... - can be individually set and stored in non volatile memories.

Each of the 8 Inputs is fitted with a stereo audio line. The audio can either follow or break away from the Video image. One additional stereo audio input is provided to be mixed with the Video audio input lines.

**OVP 831** is fitted with a Dual RS232 Com port for Integral remote control and automatic control of other devices in the installation. Field upgradable firmware maintains the high value of your equipment. Upgrades are available on the Analog Way web site. An optional TCP/IP connection allows for remote control and/or upgrade.

This ultra compact and user friendly device is designed for high resolution A/V presentation displays, conference and boardrooms, and events.

\* and one Analog for the Preview

## To Control Octo Vue

- **RKD500-T:** Remote control keypad with T-Bar
- **RKD500:** Remote control keypad
- **Axion:** High end event controller



Axion



RKD500-T

## References

> **OVP831:** OCTO VUE with RS232 com port

- **RKD500-T \***: Remote control with T-Bar
- **RKD500\***: Remote control

\* : sold separately

## Option

- **OPT-LAN:** Optional TCP/IP control interface

## Cables for Octo Vue

- > S.Video Cables from 1.8m/6ft to 20m/66ft
- > S. Video to BNC Cables of 1.8m/6ft and 5m/16ft
- > RCA Cable of 1.2m/4ft
- > RCA / BNC Adapter Cables
- > Jack Stereo Cable of 1.2m/4ft
- > Audio Stereo Cable of 1.2m/4ft
- > VGA Cables from 0.4m/1ft to 1.8m/6ft
- > VGA/BNC adapter Cables of 1.8m/6ft and 3m/10ft
- > Remote Cables from 0.5m/1ft to 30m/100ft
- > DVI Cables from 1,8m/3ft to **70m/230ft**

Specifications subject to change without prior notice

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