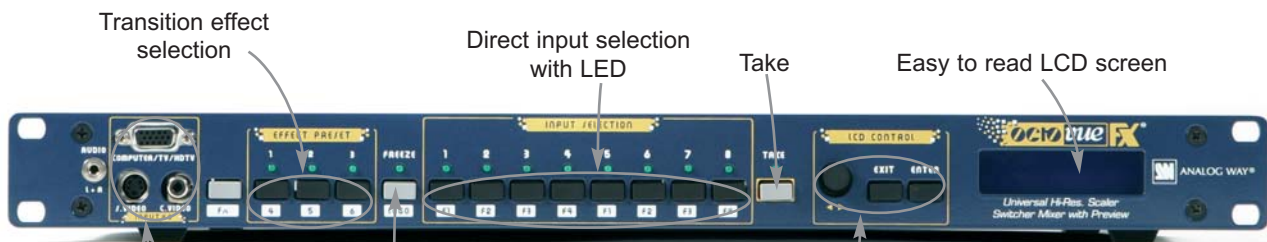
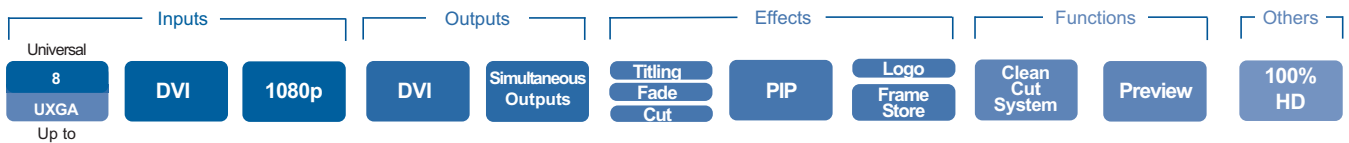


Octo Vue FX™

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

New!

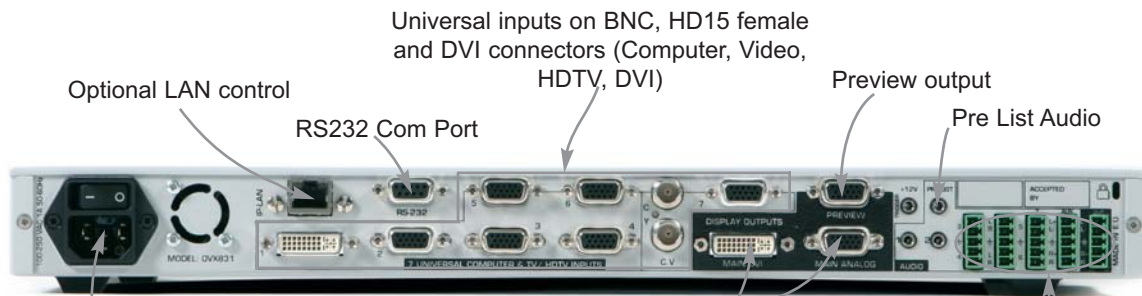
Model. OVX831



Convenient input for last minute connection

Freeze

Control Menu



Standard IEC international power connector

Main outputs: 1 DVI and 1 RGB

Main audio inputs and output on MCO and 3.5mm jack connectors. Stereo inputs with individual line control, output volume and balance control

Inputs

- Analog & Digital In/Out up to 1080p,
- 8 Universal Inputs with 1 DVI,
- Computer and DVI up to UXGA / 1080p
- Video: NTSC/ PAL/SECAM, S.Video, YUV, RGB, HDTV
- 8 + 1 Audio Stereo 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

- Scaled Preview, Hi-Res PIP, Fade, Titling, Seamless Cut, Clean Cut
- Ultra fast and smooth switching
- Logo inserter: 1 animated and up to 8 still logos
- 4 full frame stores in non volatile memory



ANALOG WAY®

www.analogway.com

P/N : OVX831/B1007-VA

Seamless Switchers

Technical Specifications

8 Universal Inputs

- **Composite Video** NTSC = 15.735 kHz/60 Hz
PAL/SECAM = 15.625 kHz/50Hz
- **S.Video (Y/C)** NTSC = 15.735 kHz/60 Hz
PAL/SECAM = 15.625 kHz/50Hz
- **Component (YUV)** 15.625 kHz/50 Hz – 625L
15.735 kHz/60 Hz – 525L
- **RGB/S** (TTL or 0.3V Analog), **RGB** (SOG: 0.3V Analog),
15.625 kHz/50 Hz - 625L, 15.735 kHz/ 60 Hz - 525L
- **HDTV:** Component (HD YUV 2/3 Level Sync.) 1080i/60-50Hz,
1080p, 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 1600x1200RB/60Hz and
1920x1080/60Hz (Fpx: 165MHz max)

Audio Inputs

8 + 1 Stereo Inputs

- 2 balanced audio inputs • Zi = 20 kOhms unbalanced
- 7 unbalanced audio inputs • Zi = 40 kOhms balanced
- Vi = + 18 dBu max • 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=0.7V/p (75 Ohms)
- 1 x DVI-D on DVI-I connector
- Resolution: **4/3 & 5/4** = SVGA, XGA, SXGA+, UXGA,
16/9 & 16/10 = WVGA, WSVGA, WXGA, WSXGA, WSXGA+, 1080p
- Rate: Internal 50, 60, 72(*) & 75(*) Hz and Follow
(*): depending on resolution

Preview Display Output

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

Logos and Frame Stores

- 8 logos & 6 frame stores, 16 million colors, non-volatile memory, Flash
capture of Video or Computer sources, 256 step keying threshold
control, adjustable H&V logo position, 2 logos allocated per input

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

User Controls and Connectors

FRONT PANEL:

User controls:

- Selection of inputs 1 to 8 and Frame memory,
- Programmable effect keys
- Freeze/Logo On Off, Take
- 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 HD15F-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

Specifications subject to change without prior notice

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Octo Vue FX™ by Analog Way is a High Resolution Digital and Analog Computer & Video Up/Down Scaler Switcher. In addition, **OVX 831** offers a true scaled preview and many effects including High Resolution PIP in Computer & Video formats, Title, Fade and logos and frames.

Preview: **OVX 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.

It is fitted with 8 Universal A/V inputs including one DVI, and 4 outputs: 2 Analog and 1 DVI for the Main; 1 Analog for the Preview. 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.

OVX 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 superior 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, **OVX 831** offers Auto Setup function, Auto Clock and Phase for Computers. Each input image control - brightness, contrast, color, hue, processing, aspect ratio, zoom, etc ... - can be individually set and stored in nonvolatile 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. **OVX** 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 especially designed for high resolution A/V presentation displays, Houses of Worship, conference and boardrooms, and events.

To Control Octo Vue FX

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



Axion



RKD500-T

References

> **OVX831:** OCTO-VUE FX™ with RS232 com port

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

* sold separately

Option

- **OPT-LAN:** Optional TCP/IP Control Interface

Cables for Octo Vue FX

- > **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/1.3ft to 1.8m/6ft
- > **VGA/BNC Adapter Cables** of 1.8m/6ft and 3m/10ft
- > **Remote Cables** from 0.5m/1.6ft to 30m/100ft
- > **DVI Cables** from 1.8m/6ft to 70m/230ft