

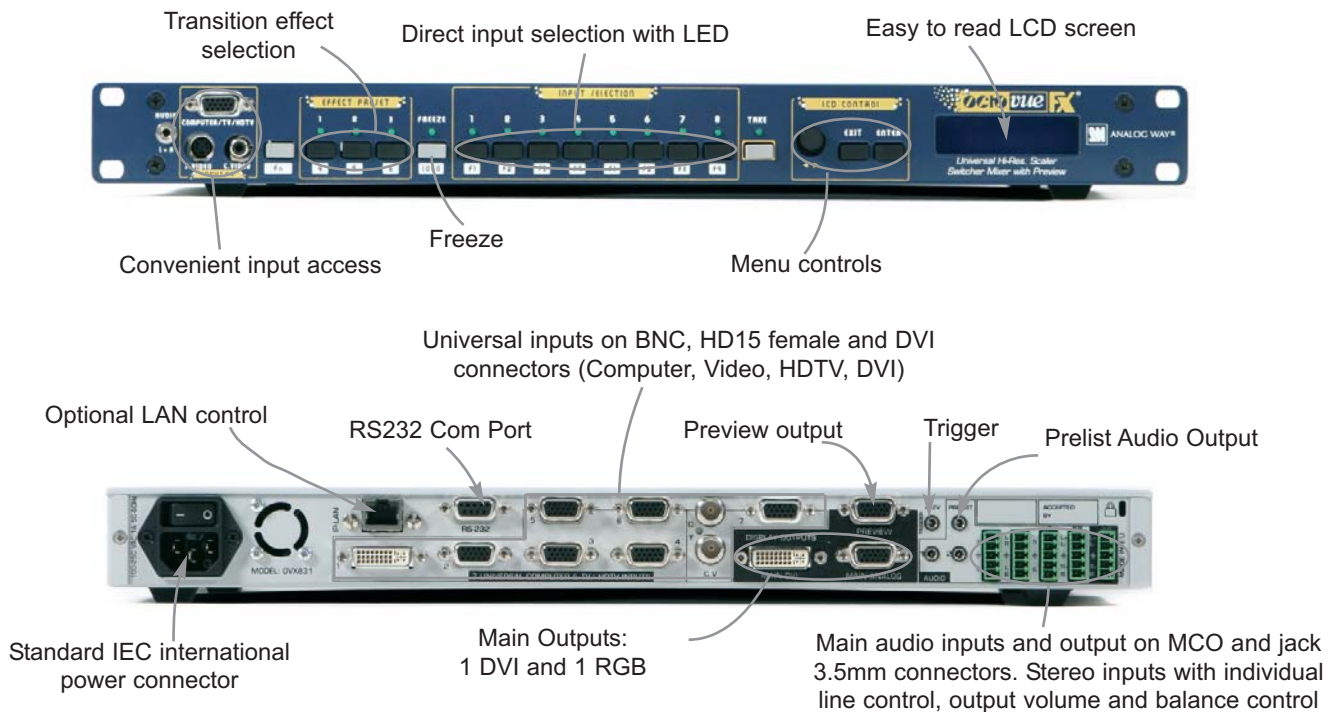
Octo Vue FX™

Octo Vue FX

PRELIMINARY

Ref. OVX831

- > Presentation A/V Seamless Switcher for Conference Room and Large Screen Projection
- > Features Scaled Preview and Hi-Res Picture in Picture (PIP)
- > Analog & Digital In/Out up to 1080p
- > Animated Logo, Fade, Title, Cut and Frame Stores



Inputs

- 8 Universal Inputs including 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

- PIP, Fading, Tiling, Seamless Cut, Clean Cut
- Ultra fast and smooth switching
- Logo inserter: choice of 1 animated or 8 still logos
- 4 full non-volatile memory frame stores



SEAMLESS SWITCHER

OCTO VUE FX

TECHNICAL SPECIFICATIONS

8 UNIVERSAL VIDEO 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), RGsB (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 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 RGB HV, RGB/S or RGsB selectable (H&V separated, Sync. Composite or SOG), RGB= 0.7V/p/p (75 Ohms load)

- 1 x DVI-D

- Resolution: 4/3 & 5/4 = VGA, SVGA, XGA, SXGA, SXGA+, UXGA, 16/9 & 16/10 = WVGA, WSVGA, WXGA, WSXGA, WSXGA+, 1080p

- Rate: Internal 50, 60, 72¹ & 75¹/Hz and Follow

⁽¹⁾ Not available for all resolutions

PREVIEW DISPLAY OUTPUT:

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

- Programmable effect keys

- Freeze/Logo On Off, Take

- LCD window & 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

BACK PANEL:

Input Connectors:

- Input #1: DVI-I

- Inputs #2 to #6: HD 15F

- Input #7: HD 15F + 2 BNC

- Audio inputs 1 to 5: on 5-pin screw terminal

- Audio inputs 6 to 8: 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

Others:

- 2 x RS232 serial com port: DB9F

- 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

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)

SUPPLIED WITH:

- 1 x Power cable

- 1 x Set of 5 audio 5-pin screw terminal

- 1 x Remote control software

- 1 x User Manual

WARRANTY:

3 year warranty on parts and

labor back to factory

Specifications subject to change without prior notice

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

It features many other effects: fading & titling, Hi-Res. logo insertion and frame store. 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.

Preview: OVX is fitted with a true scaled Preview out offering the ability 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 displayed to the audience.

PIP: OVX creates High quality picture insertion from any input. The PIP can be sized and moved anywhere over the background image. Background image can be switched between one Computer source and Frame. The PIP source can be fast & smoothly switched through a fade to black or customized color. The PIP opening offers a choice between Cut and Fade.

Title Effect: OVX can overlay a Live title from a Computer on any other Video or Computer source. The title remains on the screen during the transition. OVX also features a shadow title effect with settable vertical size and position that enhances the readability of the titling text over very bright images.

Fade Effect: OVX features cross-fade effects between Computer and Video (TV/HDTV) or Computer sources, with adjustment of the cross-fading duration.

Logos and Frames: OVX can store in its non volatile memory 8 Still or 1 Animated Logos and 4 Full Frame Images in true Hi-Res. 16 million colors. Recording is done either by direct acquisition from Input source or from Computer download of image files. Up to 2 Logos can be assigned to each input to be displayed at any position on the output screen. Logos can have any shape due to the keying capability, and transparency is user adjusted. Full Frames can be used as welcome or transition image or PIP Background.

OVX 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, **OVX** offers Auto Setup functions, 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 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 audio stereo input is provided to be mixed with the Video input audio line. **OVX** is fitted with a Dual RS232 Com port for Integral remote control and automatic control of other devices in the installation. Firmware is constantly updated with new features and improvements to maintain **OVX** at the latest standards available. Upgrades are available on **Analog Way** web site. An optional TCP/IP connection allows for long distant network remote control and/or upgrades.

This ultra compact and user friendly device is especially dedicated to high resolution A/V presentation displays, conference and boardrooms, Houses of Worship and events.

RK831 to control the Octo Vue FX:

- Easy to use Remote Keypad
- Ultra compact
- Metal enclosure
- Standard size

Download

at www.analogway.com:

- product spec sheets in pdf

- latest product upgrades

- latest control software

REFERENCES

- **OVX831**: OCTO-VUE FX™ with remote

control software

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

Interface

- **RK831***: Remote control keypad

* sold separately

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