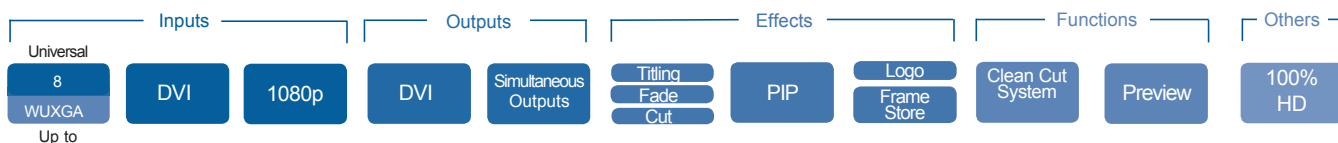


Octo Value

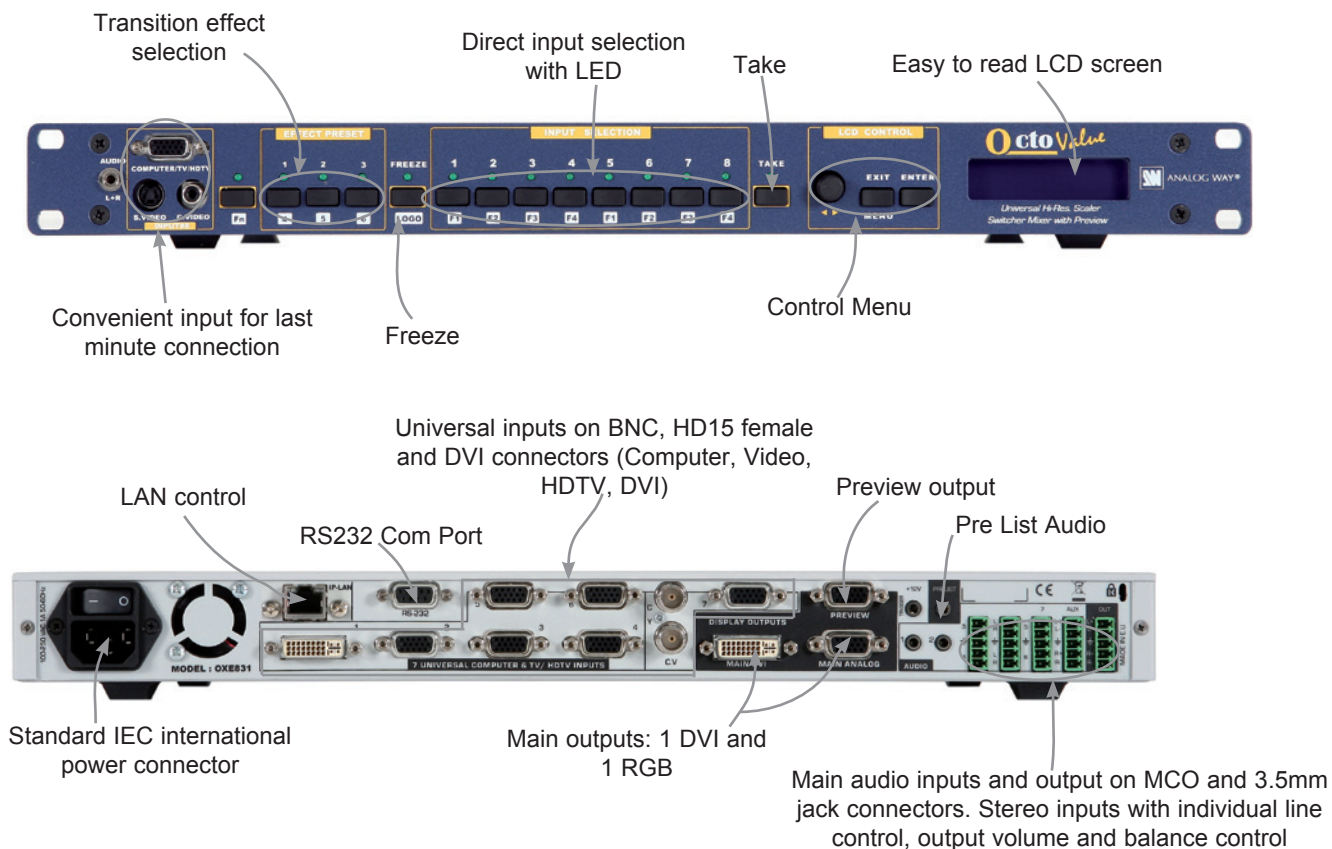


Ref. OXE831

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



Preliminary Pictures



Inputs

- Analog & Digital In/Out up to 1080p,
- 8 Universal Inputs with 1 DVI,
- Computer and DVI up to WUXGA / 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 WUXGA / 1080p
- Preview: XGA RGBHV
- Audio Stereo Main and Pre- List with level adjustment

Effects

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



ANALOG WAY®

www.analogway.com

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), 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
1920x1200/60Hz, RB⁽¹⁾ (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 = WVGA, WSVGA, WXGA, WSXGA, WSXGA+,
WXGA, 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), resolu-
tion: XGA, Rate: Internal 60Hz

Logos and Frame Stores

- 8 logos & 4 frames stored, 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
- 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 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 - 3.5 Stereo Jack

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 stereo jack

Output Connectors:

- Main Video: DVI-I + HD 15F
- Preview Video: HD 15F

- Main Audio: 5-pin screw terminal

- PreList Audio: 3.5 Stereo Jack

Other:

- 1 x DB9F with 2 RS232 ports
- 1 x 3.5 Jack : +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

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

Preview: The Octo Value 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.

Octo Value 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, Octo Value 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 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. The Octo Value 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 and a 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, boardrooms and events.

Reference

> OXE831: Octo Value with RS232 com port

To control Octo Value

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

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

⁽¹⁾RB = Reduced Blanking

Vers: SB-01/19/10-OXE831

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