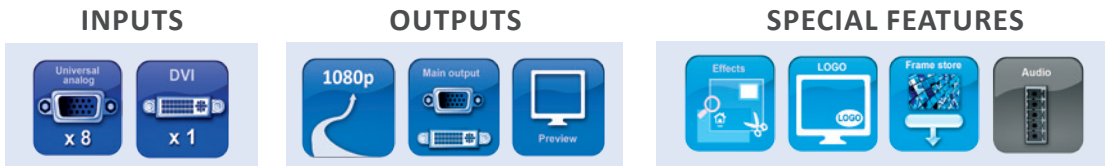
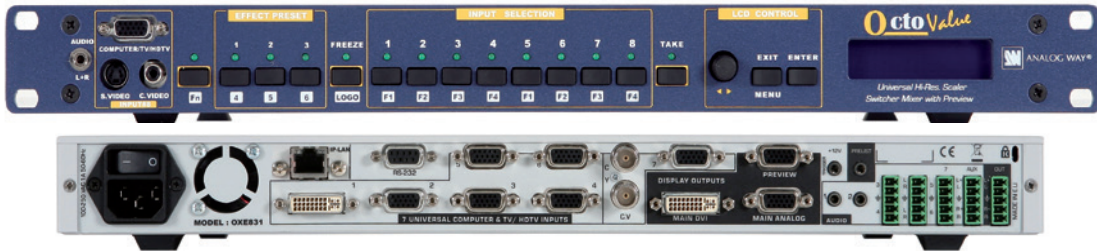


# Octo Value - Ref. OXE831

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



## Octo Value at a glance

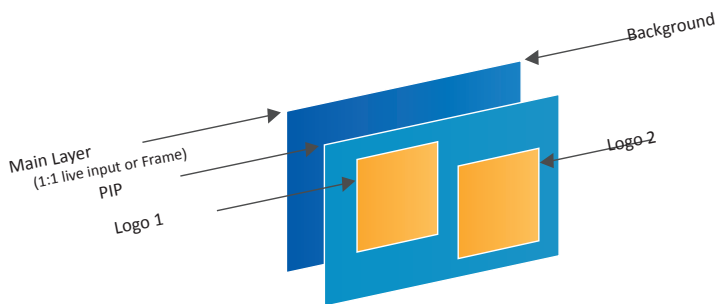
- ▶ Hi-Res. Computer & Video Up/Down Scaler Switcher
- ▶ Main & Preview Outputs
- ▶ Very High Quality Digital Decoder providing a superior image
- ▶ Easy-to-use
- ▶ Numerous Effects for A/V presentations

## To Control Octo Value

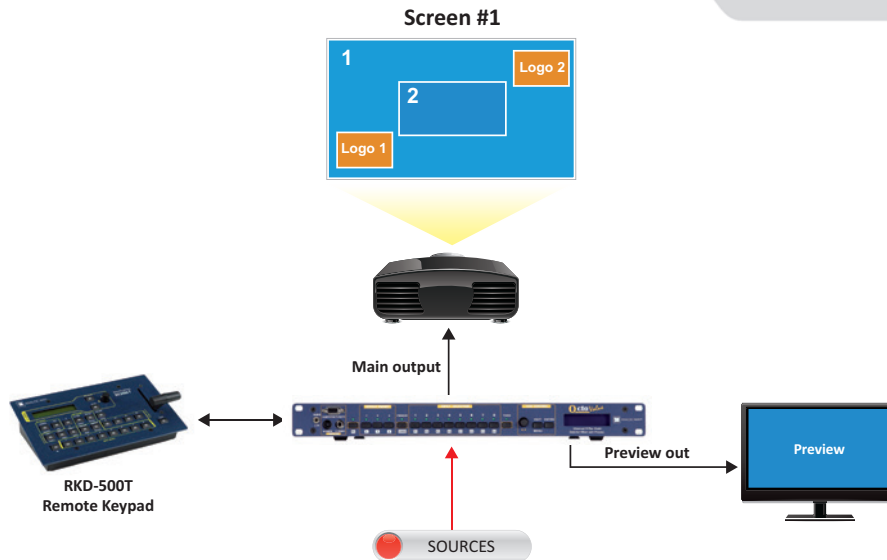
- ▶ Remote Control Software (RCS): OXE831 (Supplied)
- ▶ RKD500-T: Remote Keypad

## Key features

- ▶ **8 inputs**
  - Analog & Digital In/Out up to 1080p
  - 8 Universal Analog inputs with 1 DVI
  - Computer and DVI up to WUGA/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 WUGA/1080p
  - Preview: XGA RGBHV
  - Audio Stereo Main and Pre-List with level adjustment
- ▶ **Effects**
  - Scaled Preview, Hi-Resolution PIP, Fade, Titling, Seamless Cut, Clean Cut
  - Ultra fast and smooth switching
  - Logo inserter: 1 animated and up to 8 still logos
  - 8 full frames stored in a non-volatile memory



## ► Diagram:



## 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 RGB): 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

### ► Main Display output

- 2 x Buffered outputs (1 on HD15 F connector and 1 on DVI-I connector) RGB HV, RGB/S or RGB 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), resolution: XGA, Rate: Internal 60Hz

### ► Logos and frames

- 8 logos & 8 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

#### Pre-List Audio Output

- Stereo output unbalanced
- Vo = + 18 dBu max

### ► 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

### ► Connectors - 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

#### • Miscellaneous:

- 1 x DB9F with 2 RS232 ports
- 1 x 3.5 Jack: +12Vdc trigger

### Dimensions:

- 1U, 19"
- D 10.4" x W 19" x H 1.74"
- D 265 mm x W 482 mm x H 44 mm

### Weight:

- 3.4 kg
- 7.49 lbs

### Power Supply:

Internal, universal, automatic, 100-250 V; 50/60 Hz (50W) (UL, CSA, GS, CE), On/Off AC Main Switch

### Supplied with:

- 1 x Power supply cord
- 2 x DVI-VGA adapter
- 1 x HD15F-5BNC/F adapter cable of 0.5m (1.5ft)
- 1 x RJ45: TCP/IP Control
- 1 x Set of 5 audio 5 pin screw terminals
- 1 x Remote Control Software (RCS) (PC only)\*
- 1 x User Manual\* (PDF version)
- 1 x Quick Start Guide\*

### Warranty:

3-year warranty on parts and labor back to factory.



\* All User Manuals and Quick Start Guides are also available on [www.analogway.com](http://www.analogway.com)

**(i)** Specifications subject to change without prior notice

All technical specifications are available on our website