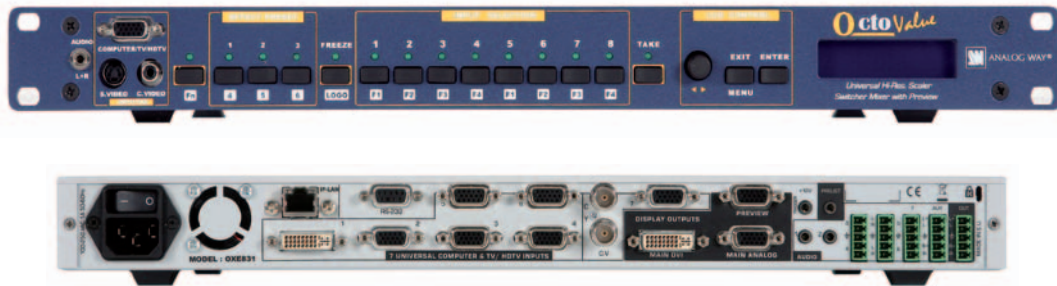


## HD Seamless Switcher for Houses of Worship, Conference Rooms and Large Screen Projections



### 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 AV presentations

### Reference

- > OXE831: Octo Value

### To Control Octo Value

- > [Remote Control Software \(RCS\)](#): OXE831 (Supplied)
- > [RKD500-T](#): Remote Keypad RKD500-T

### Key Features

#### 8 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

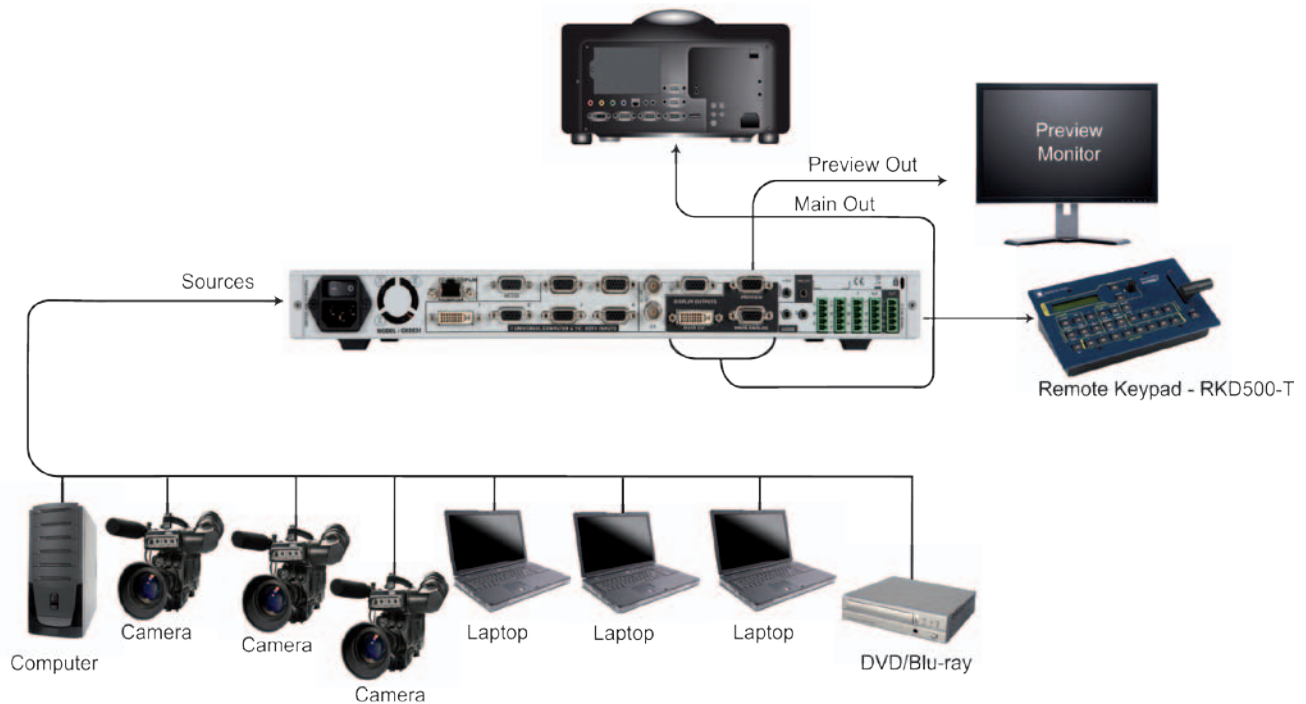
- Main: 1 DVI + 2 RGB up to WUXGA/1080p
- Preview: XGA RGBHV
- Audio Stereo Main and Pre-List with Level adjustment

#### Effects

- Scaled Preview, Hi-Resolution PIP, Fade, Tinting, 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), 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<sup>(\*)</sup> (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 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), 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

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

### 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

- 3.4 kg/7.49 lbs

### 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 supply cable
- 1 x DVI-VGA adapter
- 1 x HD15F-5BNC 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

Specifications subject to change without prior notice



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