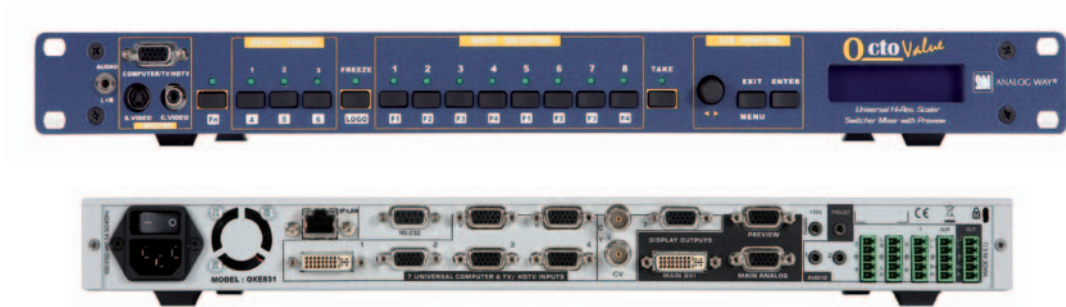


Octo Value

Ref. OXE831

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



OXE831 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

Reference

> [OXE831](#): Octo Value

To Control Octo Value

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

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

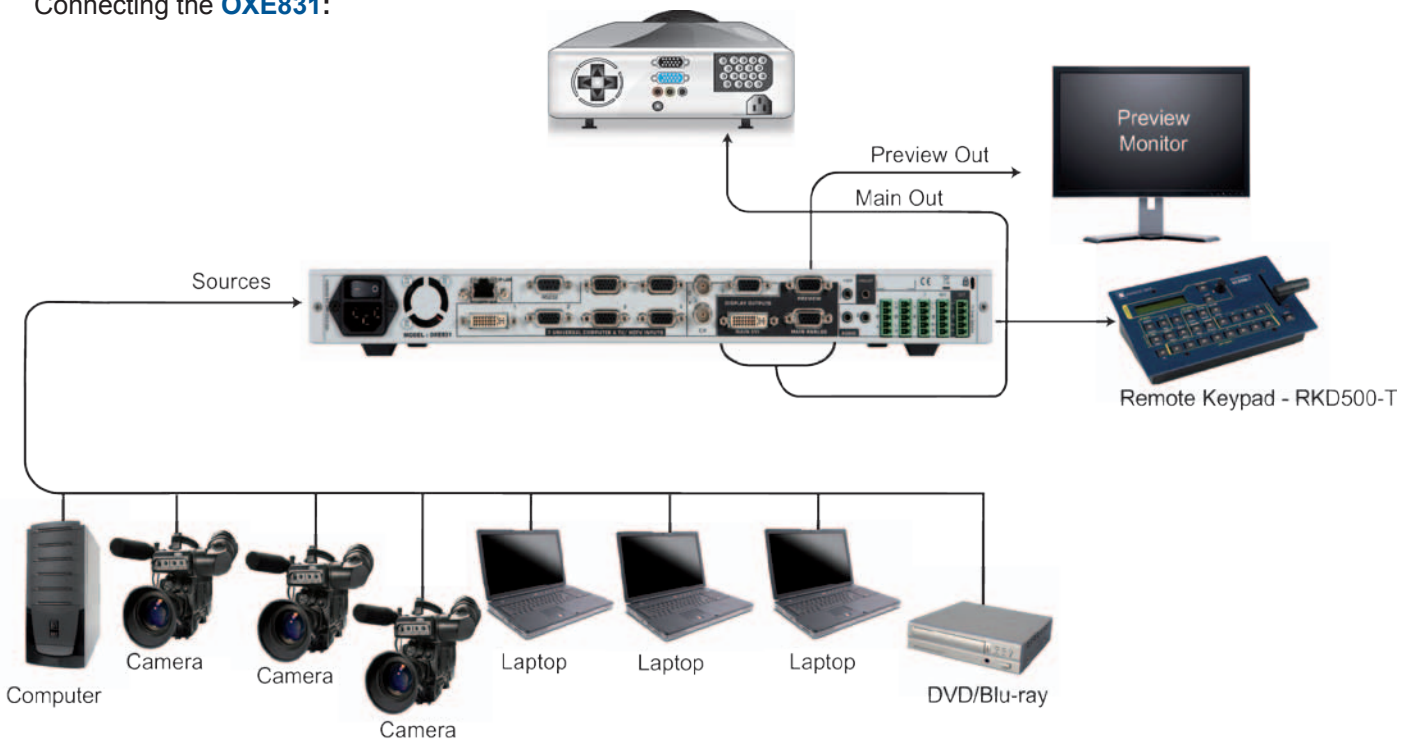
Effects

- 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



ANALOG WAY
Pioneer in Analog, Leader in Digital

Connecting the OXE831:



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

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

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

- 3.5 kg/7.7 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 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 RJ45: TCP/IP Control
- 1 x Remote Control Software (RCS) (PC Only)*
- 1 x User Manual*
- 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 available on www.analogway.com