

HIGH RESOLUTION LOGO INSERTER AND SEAMLESS SWITCHER

FOR HIGH RESOLUTION PRESENTATION DISPLAY with YOUR COMPANY LOGO
CONFERENCE & BOARDROOMS - FULL SCREEN PROJECTION

OCTO-LOGO™ Ref: OLG 802

> 8 Universal Inputs with Audio/Video & 1 Microphone

NTSC / PAL / SECAM, S.Video, YUV, RGB, HDTV

Computer: up to UXGA

> Outputs:

2 x Scaled up to 1280 x 1024 (& D-ILA)

> LOGO Inserter

Logo(s) from Computer and Video Sources

Capture of 8 logos and 1 Frame Store



REFERENCE:

- OLG802: OCTO-LOGO™ with remote control software RS-232
- OPT-VOV 802: Voice Over Control for Microphone*

FEATURES:

- 8 Universal Inputs (up to UXGA, Video, HDTV) + Audio
- Auto Image Centering
- 2 Buffered Outputs Scaled up to SXGA, D-ILA, HDTV
- 8 Logos and 1 Full Frame stored in Non-Volatile Memory with True 16 Million Colors
- Flash Capture of Logo by Keying or Image Cut-Out
- Up to 2 Logos Allocated by Input
- Ultra Fast, Smooth and Seamless Switching Modes
- 1 Fully Featured Microphone Input
- Improved Active Motion Compensation, FRF, TBC, FRC
- 2:2 and 3:2 Pull Down Correction
- Test Patterns

*Optional

www.analogway.com

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VOICE OVER (DUCKER)
(Optional, factory mounted).
Allows to adapt automatically the selected audio source with the level of the speaker microphone (Ref. OPT-VOV 802)

DESCRIPTION:

The **OCTO-LOGO™** is a computer & video up/down scaler switcher featuring **LOGO Insertion and FRAME Still Store functions**, thanks to its large non-volatile memory. Fitted with 8 universal A/V inputs, it performs a fast and ultra-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 inputs.

LOGO INSERTION of a true Hi-Res. 16 million colors image defined either by keying or image cut-out. The **FRAME STORE** and **LOGO(S)** can be flash captured from any video or computer sources into a non-volatile memory. Up to 2 logos can be allocated by input and positioned anywhere on the screen (quickly and smoothly). The **Frame Store** can be used as a **Welcome Image** or as a **Transition Image** while switching between 2 sources.

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 full featured field operational microphone input is provided with "anti-pop" filter, Noise Gate and compressor function.

The **OCTO-LOGO™** can fit with the native resolution of the projection display and provide you with a high image quality thanks to its integrated 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 and its 2 Buffered Outputs. All individual image controls settings are stored in non-volatile memories.

This ultra compact device is especially dedicated to strengthen your company image in High Resolution Corporate A/V presentation displays, conference and boardrooms.

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
- **Computer (RGB HV, RGB/S et RGsB):** PC, MAC™, WORKSTATION. Automatic Synchronization & Centering. Resolution from 640x480 to 1600x1200 (up to 110KHz)
- **HDTV: Component** (HD YUV 3 Level Sync.)
1080i/60Hz, 720p/60Hz, 480p/60Hz

AUDIO INPUTS:

- 8 x Stereo Inputs
5 Balanced audio inputs
3 Unbalanced audio inputs
Vi = + 4 dBu max.
Zi = 22 kΩ Unbalanced

Zi = 44 kΩ Balanced

Gain: adjustable

- 1 x Microphone input with 2:1 Compressor & Limiter 10:1, « Noise Gate » threshold adjustable, High and Low Pass Filters, Microphone input mixed with the 8 Audio inputs; adjustable level

DISPLAY OUTPUT:

- 2 x Buffered Outputs
- RGB HV, RGB/S or RGsB selectable (H&V separated, Sync. Composite or SOG)
- RGB = 0.7V p/p (75Ωload)
- Selectable output resolution: VGA, SVGA, XGA, SXGA, D-ILA, 16/9, Plasma 852x480, 1365x768, 720p, 480p

AUDIO OUTPUT:

- Stereo output (Balanced & Unbalanced)
- Vo = + 4 dBu max.
- Zo = 300Ω Unbalanced
- Zo = 600Ω Balanced
- G = 0 dB nominal, with Master Volume

USER'S CONTROLS:

FRONT PANEL:

- Selection of Inputs - 1 to 8
- Microphone (Sensibility)
- Frame Freeze

LOGO & FRAME STORE

- Up to SXGA, 16 Million colors
- Non-Volatile Memory
- Flash Capture of Video or Computer Sources (64M)
- 256 Steps keying threshold control
- Settable H&V Logo position
- 2 logos allocated by input

LCD WINDOWS & CONTROL BUTTONS

- Image adjustments
- Input format selection
- Output format display
- Output format & sync. selection
- Audio input level and output volume adjustments
- Position & size adjustments (H&V)
- Front panel control lockout

CONNECTORS:

INPUTS :

- Inputs 1 to 3: on BNC & HD 15F
- Inputs 4 to 7: on HD 15F
- Input 8: on RCA, Mini DIN 4 or HD 15F
- Audio inputs 1 to 5: on 5-pin screw terminal
- Audio inputs 6 to 8: on 3.5 jack stereo
- Microphone: on 6.35 jack stereo (balanced)

OUTPUTS

- Display output: 2 x HD 15F connectors
- Audio output: 5-pin screw terminal (balanced)

OTHER

- RS 232 Serial com port for remote control and update

POWER SUPPLY:

- Internal, universal, automatic 100-250 VAC; 50/60 Hz (50 W) (UL, CSA, GS, CE) ON/OFF AC Main Switch

DIMENSIONS:

- 19", 1 U Compatible
- D300 x W482 x H44 mm
- D11.8" x W19" x H1.74"

WEIGHT: 3.5 Kg (7.7 Lbs)

VOICE OVER SETTING (Optional)

- Threshold: variable -255 steps
- Depth: 8 steps (0dB to mute)
- Release Time: 0.5 sec. or 2 sec.
- Hold Time: 2 sec.

SUPPLIED WITH:

- 1 VGA M/M Cable
- 1 power cable
- 1 set of 6 audio 5-pin screw terminal
- 1 remote control software RS 232

WARRANTY:

3 years warranty on parts and labor back to factory