

COMPUTER & VIDEO A/V SCALER SEAMLESS SWITCHER

FOR HIGH RESOLUTION A/V PRESENTATION DISPLAY – CONFERENCE AND BOARD ROOMS
FULL SCREEN LCD/DLP/CRT PROJECTOR & PLASMA DISPLAY

OCTO-PLUS™ Ref. OCP 802

> 8 Universal A/V Inputs & 1 Microphone

Video: PAL/NTSC/SECAM, S.Video,

Component, RGB, HDTV

Computer: up to UXGA

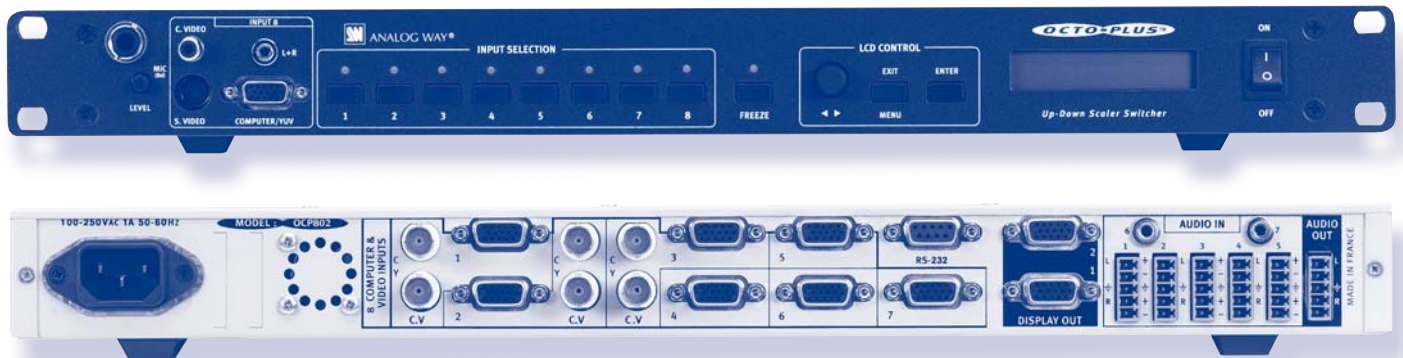
Stereo audio

> A/V Output:

Scaled from 640x480 to 1280x1024 (& D-ILA)

2 Boosted Outputs on HD15

Stereo audio Output



REFERENCE:

- OCP802: OCTO-PLUS™ with remote control software RS-232
- OPT-VOV 802 : Voice Over Control for microphone
- RK802 : Remote control keypad for OCP802

FEATURES:

- Ultra Smooth & Seamless Switching Modes
- 8 x Universal Inputs (Computer: from VGA to SXGA, and Video)
- 2 Outputs scaled up to SXGA, D-ILA (RGB HV, RGB/S)
- 1 x Microphone Input (Balanced) with Levels Control, Compressor, "Noise Gate" & Filter
- Balanced & Unbalanced Stereo Audio
- Individual trim level for all Audio Inputs
- Time base corrector
- Frame Converter or Follower
- 3/2 Pull Down Correction
- Improved active motion compensation

*Optional



ANALOG WAY®

Octo-Plus

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

DESCRIPTION :

The **OCTO-PLUS™** is a computer & video up/down scaler switcher with 8 universal A/V inputs. It performs an ultra-smooth transition between any scaled video & computer sources. It also allows a true seamless switching between one computer input (direct) and any other scaled video or computer inputs.

Each of the 8 inputs is fitted with a stereo audio line. The audio can either follow or break away from your video image. One additional full featured field operational microphone input is provided with "anti-pop" filter, Noise Gate and compressor function.

The **OCTO-PLUS™** can fit with the native resolution of your projection display and provide you a high image quality thanks to its integrated digital decoder, improved 3:2 Pull Down circuitry, auto-adaptive pixel by pixel 3D motion compensation, Time Base Corrector and its 2 Buffered Outputs. All individual image controls settings are stored in non-volatile memories.

This ultra-compact device is specially dedicated to the Rental & Installation market, for High Resolution A/V Presentation Display, Conference and BoardRooms.

TECHNICAL SPECIFICATIONS :

VIDEO INPUTS:

- 8 x Composite Video
SC \emptyset = 3.58 MHz/4.43 MHz
PAL/SECAM = 15.625 kHz/50 Hz
NTSC = 15.735 kHz/60 Hz
- 8 x S.Video (Y/C)
SC \emptyset = 3.58 MHz/4.43 MHz
PAL/SECAM = 15.625 kHz/50 Hz
NTSC = 15.735 kHz/60 Hz
- 8 x Component (YUV) or RGB/S or RGSB or RGB HV
YUV (0.7V p/p)
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 & HDTV INPUTS:

- 8 x Graphic Computer (PC, MAC®, WORKSTATION) Automatic synchronization recognition
Resolution from 640x480 up to 1280x1024 (up to 110 kHz)
- 8 x HDTV : Component (HD YUV 3 Level Sync)
RGB 3 Level, RGB HV
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 k Ω Unbalanced

Zi = 44 k Ω Balanced

Gain: adjustable

- 1 x Microphone input with Compressor, "Noise Gate"; High and Low Pass Filter; Microphone input mixed with the 8 Audio inputs; Adjustable level.

DISPLAY OUTPUT:

- 2 x buffered outputs
- RGB HV or RGB/S selectable (H&V separated or Sync. Composite)
- RGB = 0.7V p/p (75 Ω load)
- Selectable output resolution: VGA, SVGA, XGA, SXGA, D-ILA, D-ILA 16/9, plasma 852x480, 1365x768, 720p, 480p

AUDIO OUTPUT:

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

USER'S CONTROLS:

FRONT PANEL

- Selection of inputs (1 to 8)
- Microphone (Sensibility)
- Frame freeze

LCD WINDOWS & CONTROL BUTTONS FOR:

- Image adjustments
- Input format selection & status
- Output format display
- Output format & sync. selection
- Audio input level and output volume adjustments
- Position & size adjustments (horizontal & vertical)
- Front panel control lock out

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
- Micro phone: 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 (50W) (UL, CSA, GS, CE)
ON/OFF AC Main Switch

DIMENSIONS:

- 19", 1 U compatible
- D 300 x W 440 x H 44 mm
D 11.8" x W 17.3" x H 1.74"

WEIGHT: 3.5 kg (7.7 Lbs.)

SETTING

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

WARRANTY:

3 years warranty on parts and labor back to the factory