

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**
 - **COMPUTER: UP TO SXGA**
 - **STEREO AUDIO**
- **A/V OUTPUT:**
 - **SCALED FROM 640 X 480 TO 1280 X 1024 (& D-ILA)**
 - **2 BOOSTED OUTPUTS ON HD15**
 - **STEREO AUDIO OUTPUT**



REFERENCE:

- OCP802: OCTO-PLUS™ with remote control software RS-232

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

DESCRIPTION:

- The OCTO-PLUS™ is a computer & video up/down scaler switcher with 8 universal A/V inputs. It performs a fast and clean 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 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 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 INPUTS:

- 8 x Graphic Computer (PC, MAC®, WORKSTATION)
Automatic synchronization
recognition
- Resolution from 640x480 up
to 1280x1024 (up to 110 kHz)

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

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.)

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