

COMPUTER & VIDEO A/V SCALER SMOOTH SWITCHER

FOR HIGH RESOLUTION PRESENTATION DISPLAY
CONFERENCE & BOARDROOMS

Octo-Quattro™

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OCTO-QUATTRO™ Ref: OTR401

- > 4 Universal Inputs with Audio/Video
NTSC/PAL/SECAM, S.Video,
YUV, RGB, HDTV
Computer: up to UXGA
- > A/V Outputs:
Scaled from 640x480 to 1280x1024
(& D-ILA)
- > Stereo Audio Output



REFERENCE:

- OTR401: OCTO-QUATTRO™ with remote control software RS-232
- Option : Ref. OPT-LAN : IP/Ethernet Control

FEATURES:

- Ultra Smooth Switching
- 4 Universal Inputs (from VGA to UXGA, Video, HDTV)
- Auto Image Centering
- Output Scaled up to SXGA, D-ILA, HDTV
- Balanced & Unbalanced Stereo Audio
- Frame Converter or Follower, TBC
- Improved Active Motion Compensation
- Test Patterns
- On/off Control of display device

DESCRIPTION:

The OCTO-QUATTRO™ is a computer & video up/down Scaler Ultra-Smooth Switcher with 4 universal A/V inputs. It performs an ultra fast and soft transition between any scaled sources

Each of the 4 Inputs is fitted with a stereo audio line. The audio can either follow or break away from the video image. The volume of each Audio can be individually adjusted.

The OCTO-QUATTRO™ 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-adaptive pixel by pixel 3D motion compensation, Time Base Corrector. All individual image controls settings are stored in non-volatile memories.

This compact device is especially dedicated to the installation market, for entry level High Resolution A/V Seamless presentation displays, conference and boardrooms.

The RS232 & IP Ethernet Controls offer also a futur proof capability about upgrades.

Easy to use, the OCTO-QUATTRO offers Auto Image Centering, Auto Pixel Clock, Auto Scan. Also an Auto Projector ON/OFF through RS232 control and a jack \varnothing 3,5 mm powered by a +12Vdc output, is provided.

TECHNICAL SPECIFICATIONS:

4 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, MACTM, WORKSTATION. Automatic Synchronization & Centering.
Resolution from 640x480 to 1600x1200 (up to 130KHz)
- HDTV: Component
(HD YUV 3 Level Sync.)
1080i/60Hz, 720p/60Hz, 480p/60Hz

AUDIO INPUTS:

- 4 x Stereo Inputs
4 Balanced audio inputs
 $V_i = +4$ dBu max.
 $Z_i = 22$ K Ω Unbalanced
 $Z_i = 44$ K Ω Balanced
Gain: adjustable, each

DISPLAY OUTPUT:

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

AUDIO OUTPUT:

- Stereo output (Balanced & Unbalanced)
- $V_o = +4$ dBu max.
- $Z_o = 300\Omega$ Unbalanced
- $Z_o = 600\Omega$ Balanced
- $G = 0$ dB nominal, with Master Volume

USER'S CONTROLS:

FRONT PANEL:

- Selection of Inputs - 1 to 4
- Frame Freeze
- Black

LCD WINDOWS & CONTROL BUTTONS

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

CONNECTORS:

INPUTS :

- Inputs 1 & 2: on BNC & HD 15F
- Inputs 3 & 4: on HD 15F
- Audio inputs 1 to 4: on 5-pin screw terminal

OUTPUTS

- Display output: HD 15F connectors
- Audio output: 5-pin screw terminal (balanced)
- Jack \varnothing 3,5 mm for +12Vdc out

OTHERS:

- RS 232 Serial com port for remote control and update
- Optional RJ45 for IP/LAN CONTROL

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)

SUPPLIED WITH:

- 1 VGA M/M cable
- 1 x S.Video Cable (mini DIN4-2 BNC)
- 1 power cable
- 1 set of 5 audio 5-pin screw terminal
- 1 remote control software

WARRANTY:

- 3 years warranty on parts and labor back to factory