

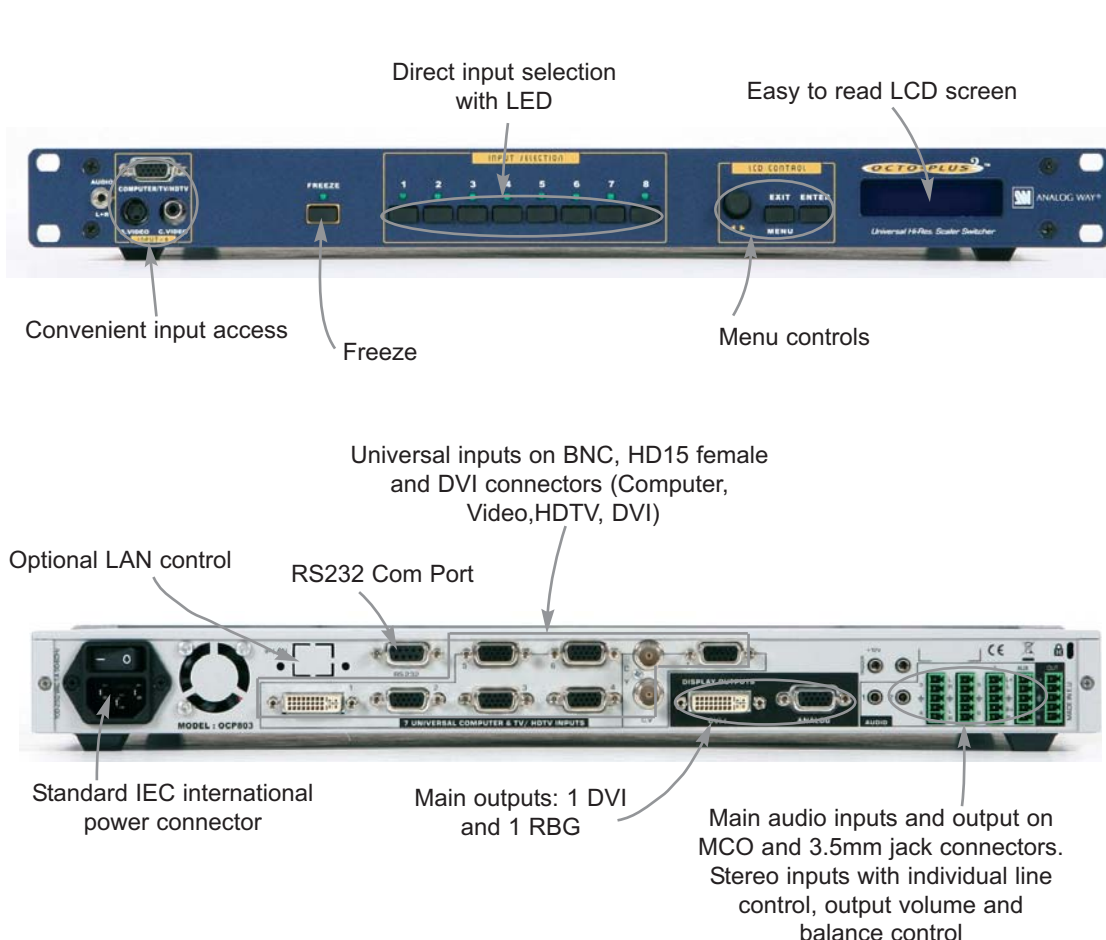
# Octo Plus<sup>2</sup>™

## Octo Plus<sup>2</sup>

New!

**Model OCP803**

- > HD Seamless Switcher for Conference Rooms, Houses of Worship and Large Screen Projections
- > 8 Universal Inputs with Audio:
  - NTSC / PAL / Secam, S. Video, YUV, RGB, HDTV
  - Computer up to UXGA/1080p
- > Analog and Digital DVI Inputs/Outputs up to 1080p



### Inputs

- 8 universal inputs with DVI
- Computer and DVI up to UXGA / 1080p
- Video: NTSC/PAL/SECAM, S. Video, YUV, RGB, HDTV
- 8 + 1 Stereo Audio with level adjustment for each input

### Outputs

- Main: 1 DVI + 2 RGB up to UXGA / 1080p
- Audio Stereo Main with level adjustment

### Effects

- Seamless Cut
- Ultra fast and smooth switching



ANALOG WAY®

[www.analogway.com](http://www.analogway.com)

P/N: OCP803-B1206-VA

# Seamless Switchers

## 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
  - 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), RGB (SOG: 0.3V Analog), 15.625 kHz/50 Hz - 625L, 15.735 kHz/60 Hz - 525L
- **HDTV: Component** (HDYUV 2/3 Level Sync.) 1080i/60-50Hz, 720p/60-50Hz, 480p/60Hz
- **Computer** (RGB HV, RGB/S and RGB): PC, Mac, Workstation, Automatic Sync. & centering, Resolution from 640x480 to 1600x1200 (up to 110kHz)
- **DVI:** Digital computer up to 1600x1200 RB/60Hz and 1920x1080/60Hz (Fpx: 165MHz max)

### AUDIO INPUTS:

- **8 + 1 Stereo Inputs**
  - 2 balanced audio inputs
  - 7 unbalanced audio inputs
  - $V_i = +18$  dBu max
  - $Z_i = 20$  kOhms unbalanced
  - $Z_i = 40$  kOhms balanced
  - Gain: adjustable

### MAIN DISPLAY OUTPUT:

- 2 x Buffered outputs (1 on HD15 F connector and 1 on DVI-I connector) RGB HV, RGB/S or RGB 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, WWSXGA, WSXGA+, 1080p
- Rate: Internal 50, 60, 72(\*) & 75(\*) Hz (Follow)
- (\*) : depending on resolution

### MAIN AUDIO OUTPUT:

- Stereo output (balanced & unbalanced)
- $V_o = +18$  dBu max -  $Z_o = 300$  Ohms (unbalanced)
- $V_o = +24$  dBu max -  $Z_o = 600$  Ohms (balanced)
- $G = 0$  dB nominal, with volume

### USER CONTROLS and CONNECTORS:

#### FRONT PANEL:

##### User controls:

- Selection of inputs 1 to 8
- Programmable effect keys
- Freeze
- LCD window & 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 - Jack Stereo 3.5

#### BACK 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 jack stereo

##### Output Connectors:

- Main Video: DVI-I + HD 15F
- Main Audio: 5-pin screw terminal

#### Others:

- 1 x DB9F with 2 RS232 ports
- 1 x Jack 3.5 : +12Vdc trigger
- Optional Ethernet Port 10/100BT: RJ45

### POWER SUPPLY:

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

### 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)

### SUPPLIED WITH:

- 1 x Power cable
- 1 x Set of 3 audio 5-pin screw terminals

**OCTO Plus<sup>2</sup>** by **Analog Way** is a **High Resolution Digital** and **Analog, Computer & Video Scaler Seamless Switcher**.

**OCP 803** is fitted with 8 Universal A/V inputs including one DVI, and 3 outputs : 2 Analog and 1 DVI for the Main. It performs an ultra fast and 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 Input.

**OCP 803** is a High Performance **State of the Art Up/Down Video and Computer Scaler**. Ready to fit the native resolution of the latest HD display devices, it provides a high quality image thanks to its high quality 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.

Easy to use, **OCP 803** offers an Auto Setup function and a powerful Auto Clock & Phase for Computers. Each input image control - brightness, contrast, color, hue, processing, aspect ratio, zoom, etc ... - can be individually set and stored in non volatile memories.

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 stereo audio input is provided to be mixed with the Video audio input lines. **OCP 803** is fitted with a Dual RS232 Com port for Integral remote control and automatic control of other devices in the installation. Field upgradable firmware maintains the high value of your equipment. Upgrades are available on the **Analog Way** web site. An optional TCP/IP connection allows for remote control and/or upgrade.

This ultra compact and user friendly device is designed for high resolution A/V presentation displays, Houses of Worship, conference and boardrooms, and events.

## REFERENCES

> **OCP803** : **OCTO Plus<sup>2</sup>** with RS232 com port

- **RKD500\***: Remote control keypad
- **RKD500-T \***: Remote control with T-Bar
- **RKD100\***: Remote control keypad
- \* : sold separately

## OPTION

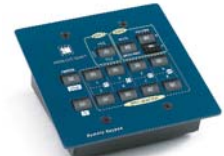
- **OPT-LAN** : Optional TCP/IP control interface

## To control the Octo Plus<sup>2</sup>:

- **RKD500-T**: Remote console with T-Bar
- **RKD500**: Remote console
- **RKD100**: Remote console
- **Axion**: High End Remote controller



RKD500-T



RKD100

## Cables for the Octo Plus<sup>2</sup>

- **S.Video Cables** from 1.8m/6ft to 20m/66ft - **Refs** 10009 - 10093 - 10094 - 10095
- **S. Video to BNC Cables** of 1.8m/6ft and 5m/16ft - **Refs** 10102 - 10103
- **RCA Cable** of 1.2m/4ft - **Ref.** 10010
- **RCA / BNC Adapter Cables** - **Ref.** 10011
- **Jack Stereo Cable** of 1.2m/4ft - **Ref.** 10012
- **Audio Stereo Cable** of 1.2m/4ft - **Ref.** 10013
- **VGA Cables** from 0.4m/1ft to 1.8m/6ft - **Refs** 10014 - 10015 - 10077
- **VGA/BNC adapter Cables** of 1.8m/6ft and 3m/10ft (M/M and F/M) - **Refs** 10023 - 10024 - 10025 - 10026
- **Remote Cables** from 0.5m/1ft to 30m/100ft - **Refs** 10109 - 10110 - 10111 - 10112 - 10113 - 10114
- Call us for long distance Copper DVI Cables from 1.8m/2ft to 70m/230ft

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