Octo Plus2™
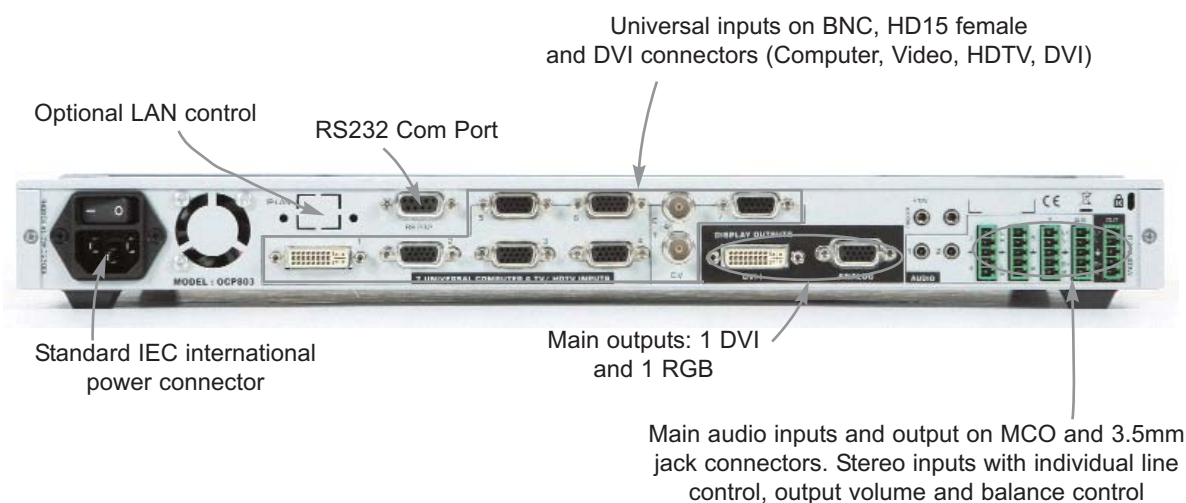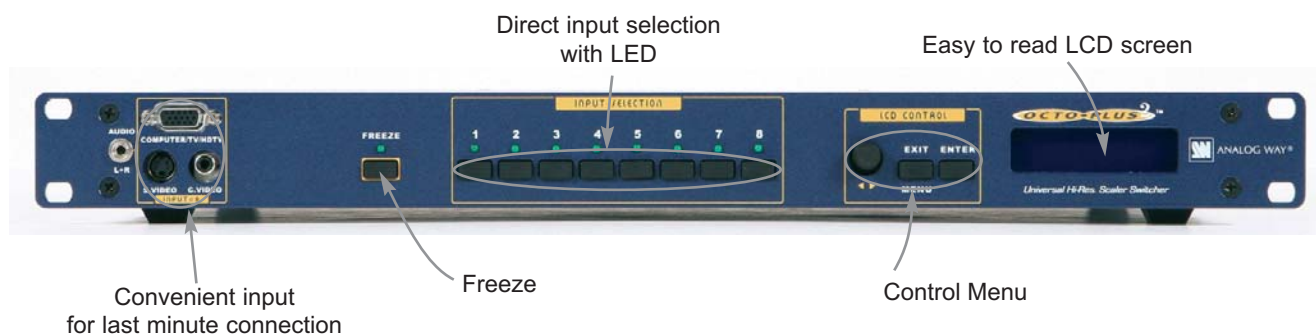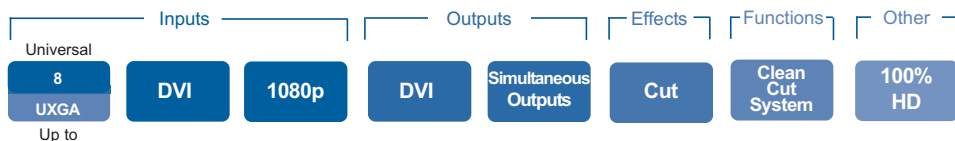
HD Seamless Switcher for Conference Rooms,
Houses of Worship and Large Screen Projections

New!

Model. OCP803

Inputs			Outputs		Effects	Functions	Other
Universal 8 UXGA Up to	DVI	1080p	DVI	Simultaneous Outputs	Cut	Clean Cut System	100% HD

Direct input selection
with LED

Easy to read LCD screen

Convenient input
for last minute connection

Freeze

Control Menu

Universal inputs on BNC, HD15 female
and DVI connectors (Computer, Video, HDTV, DVI)

Optional LAN control

RS232 Com Port

Standard IEC international
power connector

Main outputs: 1 DVI
and 1 RGB

Main audio inputs and output on MCO and 3.5mm
jack connectors. Stereo inputs with individual line
control, output volume and balance control

Inputs
• Analog and Digital DVI Inputs/Outputs up to 1080p
• 8 Universal Inputs with 1 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
• 1 DVI + 2 RGB up to UXGA / 1080p
• Audio Stereo with level adjustment

Effects
• Seamless Cut
• Ultra fast and smooth or colored switching

ANALOG WAY®

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), **RGsB** (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 RGsB): 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
- Vi = + 18 dBu max
- Zi = 20 kOhms unbalanced
- Zi = 40 kOhms balanced
- Gain: adjustable

Display Output

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

Audio Output

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

User Controls and Connectors

FRONT PANEL
User controls:
- Selection of inputs 1 to 8
- Freeze
- LCD screen & 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

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

Other:
- 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

Supplied with

- 1 x Power cable
- 1 x Set of 5 audio 5-pin screw terminals
- 1 x DVI-VGA adapter
- 1 x HD15M-5BNCF adapter cable of 0.5m (1.5ft)
- 1 x Remote control software
- 1 x User Manual

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)

Warranty
3 year warranty on parts and labor back to factory

Specifications subject to change without prior notice

Octo Plus^2™ 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. 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.

To Control Octo Plus^2

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

Axion

RKD500-T

RKD100

References

- **> OCP803:** OCTO Plus^2 with RS232 com port

- **RKD500-T *:** Remote control with T-Bar
- **RKD500*:** Remote control keypad
- **RKD100*:** Remote control keypad

* : sold separately

Option

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

Cables for Octo Plus^2

- S.Video Cables from 1.8m/6ft to 20m/66ft
- S. Video to BNC Cables of 1.8m/6ft and 5m/16ft
- RCA Cable of 1.2m/4ft
- RCA / BNC Adapter Cables
- Jack Stereo Cable of 1.2m/4ft
- Audio Stereo Cable of 1.2m/4ft
- VGA Cables from 0.4m/1ft to 1.8m/6ft
- VGA/BNC adapter Cables of 1.8m/6ft and 3m/10ft
- Remote Cables from 0.5m/1ft to 30m/100ft