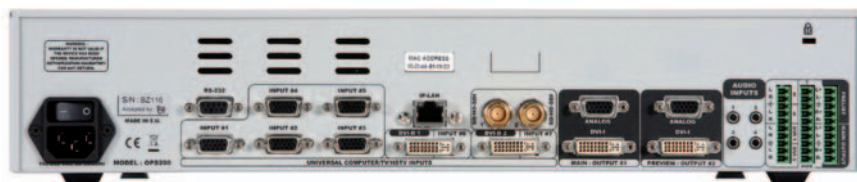


# OPS200

Ref. OPS200

Multi-Layer Hi-Resolution Mixer Seamless Switcher with 3 Scalers for Rental & Staging and High-End installations



## Inputs



## Outputs



## Features



## OPS200 at a glance

- > Up to 3 Live Sources on Screen
- > 11 inputs allowing a wide variety of source types, both Analog and Digital
- > High Resolution I/O of up to 2K
- > Smooth Move transitions to enhance your presentation

## 11 Inputs

- 2 DVI Inputs
- 7 Universal Analog Inputs
- 2 x 3G/HD/SD-SDI
- SDTV, EDTV, HDTV and Computer formats up to 2K
- Full digital In/Out Processing

## Outputs

- 2 Analog and Digital Outputs: Main & Preview
- Computer Formats up to 2K
- RGBHV and DVI

## Reference

> OPS200: Ref. OPS200

## To Control OPS200

- > Remote Control Software (RCS): OPS200 (Supplied)
- > ARC200: Axion2
- > ORC50: Orchestra
- > TRK-800: Triple Remote Keypad TRK-800
- > RK-300: Remote Keypad RK-300

## Operation Modes & Effects

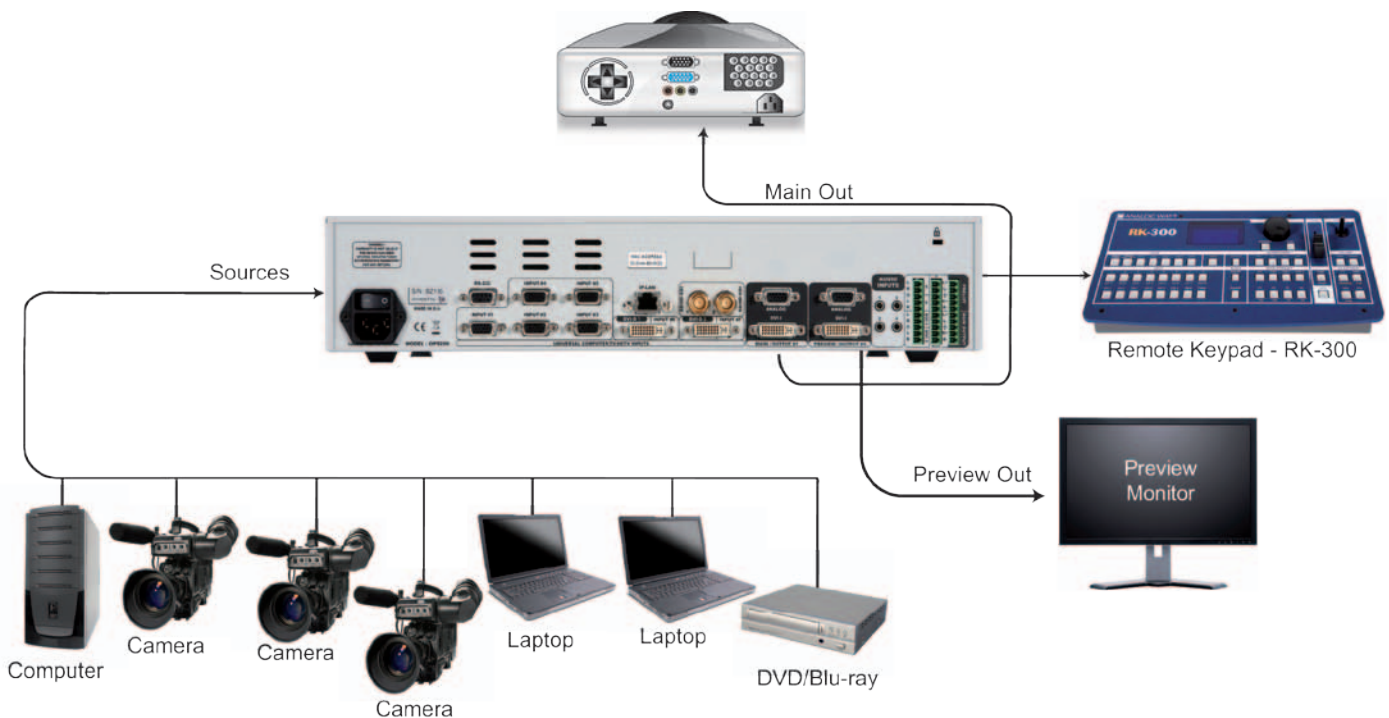
- 1 Operation Mode: Mixer
- 2 PIPs on Live Background
- 3 PIPs on Background Frame
- 7 Full Frames, 7 Logo Memories
- PIP: Pan & Zoom resizing up to 1000%
- PIP Open/Close Animation
- Transitions: Fade (Dissolve), Cut, Wipe, Slide
- Dynamic PIP (Moving from A to B)
- PIP Border (Edge: 1 Color, 1 Width)
- Smooth Move effect
- Chroma/Luma Key/DSK Title
- DSK on Analog & Digital Inputs



ANALOG WAY<sup>®</sup>

Pioneer in Analog, Leader in Digital

## Connecting the OPS200:



## Technical Specifications

### 7 Universal Inputs - Analog Inputs (All inputs #1 to #7)

#### SD-TV:

- Composite, S.Video, YUV, RGsB or RGBS
- NTSC: 15.735kHz/60Hz
- PAL/SECAM : 15.625kHz/50Hz

#### ED/HD-TV:

- RGsB, RGBS or YUV
- 480p/60 Hz – 576p/50 Hz - 720p, 1080i, 1035i/50 or 60Hz – 1080p/24, 25, 30, 50 or 60 Hz – 1080psF/24, 25 or 30 Hz

#### Computer:

- RGBHV, RGBS or RGsB
- Resolution up to 1600x1200/60 Hz, 1920x1200 /60 Hz or 2048x1080/60 Hz
- Horizontal frequency from 31.5 to 130 kHz
- Vertical frequency up to 130 Hz
- FpxMax = 165MHz

### 4 Digital Inputs (DVI-I 1, DVI-I 2, SDI1 and SDI2)

- DVI-I: SD-TV, ED-TV, HD-TV and Computer formats
- SDI: SD-TV & HD-TV – YUV/10bits/4:2:2, or 3G-SDI
- Automatic synchronization detection

### Main and Preview Outputs

#### Computer Digital and Analog:

- RGBHV, RGBS or RGsB and DVI
- Resolution up to 1600x1200/60 Hz, 1920x1200/60 Hz or 2048x1080/60 Hz
- Vertical frequency 50, 60, 72 or 75 Hz depending on Output format
- FpxMax = 165MHz

#### HD-TV:

- RGsB, RGBS or YUV, DVI
- 720p, 1080i, 1035i/50 or 60Hz - 1080p/24, 25, 30, 50 or 60Hz - 1080psF/24, 25 or 30Hz

### Operation Standards

SMPTE 259M, SMPTE 274M, SMPTE 292M, SMPTE 296M and SMPTE 424M

### Audio Stereo In/Out

- Input: - 9 Audio stereo inputs + 1 Auxiliary + 2 from embedded SDI

#### - AUX and input #7 Balanced

- Vi = +15dB
- Zi = 20 kOhms (Unbalanced)/40 kOhms (Balanced)
- Adjustable Level per input
- Outputs:

- 2 independent outputs
- Balanced/Unbalanced
- Vo = +15 dBu/300 Ohms (Unbalanced)
- Vo = +21 dBu/600 Ohms (Balanced)

### User Controls - Front Panel

- Standby On/Off
- Input, Layer and Logo direct access
- Freeze/Black
- Effect and preset selection
- Large Graphic VFD screen with control knobs and buttons for easy and fast access to menus and adjustments

### Connectors - Rear Panel

- Input #1 to #5 Connectors: - HD15-F: (Analog SD/ED/HD-TV and Computer)
- Input #6 to #7 and DVI-I 1 to DVI-I 2 Connectors: - DVI-I Female: (Analog SD/ED/HD-TV and Computer)
- Input SD/HD-SDI - SDI 1 & SDI 2: BNC-F
- Audio: - 3.5mm Stereo jack: inputs #1 to #4 - 10 pins MCO connectors: 2 for Inputs and 1 for Outputs
- DB9: Dual RS232 for remote control
- RJ45: Ethernet connection
- AC main connector with On/Off switch

### Main and Preview Output Connectors

- Each output is fitted with: - DVI-I Female: (Digital and Analog) RGB or YUV - HD15 Female: RGB or YUV

### Dimensions: 2U, 19"

- D 13" x W 19" x H 3.15"
- D 330 mm x W 480 mm x H 88 mm

### Weight:

- 5kg/11lbs

### Power Supply

- Internal, universal, automatic, 100-240 V; 50/60 Hz; 140 W (UL, CSA, GS, CE)

### Supplied with

- 1 x Power supply cord
- 2 x DVI-I male to HD15 Female and DVI-D female breakout cable
- 1 x HD15 to 5 BNC cable
- 1 x Ethernet cross cable (for update)
- 1 x Remote Control Software (RCS) (PC Only)\*
- 1 x User Manual\*
- 1 x Set of 3 audio 10-pin screw terminals
- 1 x Quick Start Guide\*

### Warranty

3-year warranty on parts and labor back to factory

Specifications subject to change without prior notice



\* All RCS, User Manuals and Quick Start Guides are also available on [www.analogway.com](http://www.analogway.com)