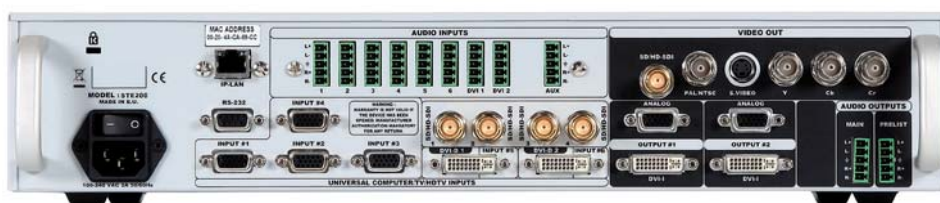


# Smart Edge FX

NEW

Ref. STE200

Hi-Resolution Seamless Switcher with Dual Output Edge Blending for Large Screen dedicated to High-End AV Presentations



## Inputs

## Outputs



## Features



### Smart Edge FX at a glance

- > Hi-Res. Seamless Switcher with Dual Output Edge Blending
- > Full High Resolution digital processing
- > 4 x 3G/HD/SD-SDI
- > 2 PIPs on Frame Background with Logo
- > Up to 3 x STE200 for Large Screen with 6 video projectors
- > Horizontal or Vertical Edge Blending

### Key Features

#### 12 Inputs

- 2 DVI Inputs
- 6 Universal Analog Inputs
- 4 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: Output #1 & Output #2
- Computer Formats up to 2K
- RGBHV and DVI
- Video Output: SD/HD-TV Analog and 3G/HD/SD-SDI

#### Operation Modes & Effects

- 1 Operation Mode: Dual Output Edge Blending
- Logo & Frame Store (1 Logo + 1 frame simultaneously on display)
- 4 Logos & 4 Frame stores
- PIP: Pan & Zoom resizing up to 1000%
- PIP: Flying/Zooming, PIP animation or moving from A to B
- PIP: Cropping animation
- PIP Open/Close animation

(...)

### Reference

- > STE200: Smart Edge FX
- > AW212080: Sync Cable for multiple machine mode

### To Control STE200

- > Remote Control Software (RCS): STE200 (Supplied)
- > ARC200: Axion2
- > ORC50: Orchestra
- > TRK-800: Triple Remote Keypad TRK-800
- > RK-300: Remote Keypad RK-300

⚠ RK-300 & TRK-800 can not be used in multiple machine mode.

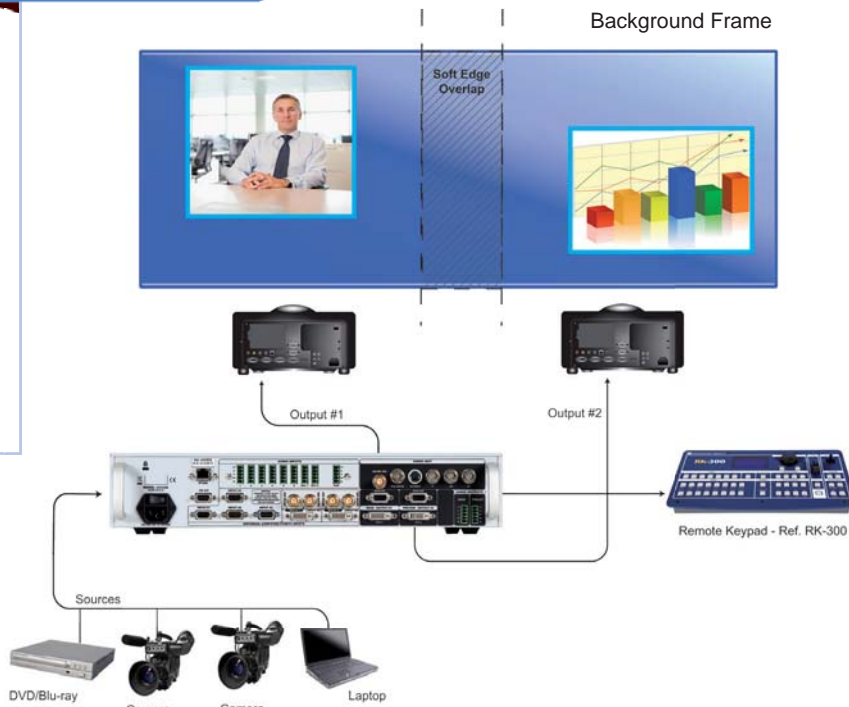


ANALOG WAY  
Pioneer in Analog, Leader in Digital

## Key Features

- 1 PIP on Live Background + 1 Logo
- 2 PIPs on Frame Background + 1 Logo
- Dynamic PIP (Advanced or Basic)
- PIP Border (Edge: 1 Color, 1 Width, 1 Height)
- Dynamic Fit: Automatic adjustment of the PIP to fit the image borders
- Transitions: Fade (Dissolve), Cut, Wipe, Slide
- Smooth Move effect
- Chroma/Luma Key/DSK Title
- DSK on Analog & Digital inputs
- 8 Memory Presets
- Internal Test Patterns
- Audio Breakaway
- Audio Delay Compensation
- 6 Preset Layouts

## Diagram



## Technical Specifications

### 6 Universal Inputs - Analog Inputs (All inputs #1 to #6)

#### SD-TV:

- Composite, S.Video, YUV, RGB or RGsB
- 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

### 6 Digital Inputs (DVI-I 1, DVI-I 2, SDI1 to SDI4)

- 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 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

### Video Outputs

- Analog and Digital SD/HD-TV
- SD-TV: NTSC/PAL, S.Video, RGB/YUV and SDI
- HD-TV: RGB/YUV and HD-SDI, or 3G-SDI

### Audio Stereo In/Out

#### Input:

- 8 Audio stereo inputs + 1 Auxiliary (All Balanced/Unbalanced)
- 4 inputs from embedded SDI
- Vi = +15dBu max
- Zi = 40 kOhms (Balanced)
- Adjustable Level per input

#### Output:

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

### User Controls - Front Panel

- Standby On/Off
- Large Graphic VFD screen with control knobs and buttons for easy and fast access to menus and adjustments

### Connectors - Rear Panel

- Input #1 to #4 Connectors:
  - HD15-F: (Analog SD/ED/HD-TV and Computer)
- Input #5 to #6 and DVI-I 1 to DVI-I 2 Connectors:
  - DVI-I Female: (Analog SD/ED/HD-TV and Computer)
- SDI 1, SDI 2, SDI 3, SDI 4 = BNC: SD/HD SDI
- Audio:
  - 5 pin MCO connectors: 9 for Inputs and 2 for Outputs
- DB9: Dual RS232 for remote control
- RJ45: Ethernet connection
  - AC main connector with On/Off switch

### Main Output Connectors

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

### Video Out

- BNC-F: SD/HD-SDI (with audio embedded)
- 3 x BNC-F: Y-Cb-Cr
- Mini Din 4: S.Video
- BNC-F: Composite Video PAL/NTSC

### Dimensions

- 2U, 19"
- D 13" x W 19" x H 3.15"
- D 330 mm x W 480 mm x H 88 mm

### Weight

- 5.3kg/11.68lbs

### Power Supply

- Internal, universal, automatic, 100-250 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 + DVI-D female breakout cable
- 1 x HD15-M to 5 BNC-F cable
- 1 x Ethernet crossover cable
- 1 x Set of 11 audio 5 pin screw terminals
- 1 x Remote Control Software (RCS) (PC only)\*
- 1 x User Manual\* (PDF Version)
- 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)