

## 4 DV input Video Switcher

The SE-800 is a broadcast quality four input digital mixer. Multi-format inputs and outputs with Analogue/DV format conversion. The SE-800 provides a "PC link" digital overlay interface port which, allows you to connect a PC overlay card to import PC text and graphics. The full size control panel includes 30 pre-programmable keys that let you playback the pre-programmed functions instantly by pressing a single key. The Data Control Port enables firmware upgrades via a PC.

## Component Y.U.V 4:2:2 Frame Synchroniser



### Key Features

- Dual channel TBC with YUV 4:2:2 Frame synchroniser for Composite, S (Y/C) and Component Y.U.V. inputs and outputs
- Each input can accept: DV (DV25), Component YUV, S (Y/C) or Composite video formats, and convert output to all formats
- SDI overlay port provides Digital Y.U.V In/Out connection. It allows you to connect a PC expansion graphics card or SDI chroma keyer to overlay text and graphics from a PC or high end chroma key effects.
- Colour processor including R.G.B. Correction can be stored with different settings upon each video input.
- Programmable area for Mosaic effects with position control by joystick.
- Digital effects include: A/B Roll, A/B Dissolve, Chroma Key, Mosaic, PIP, Strobe, Fade and Wipe with soft edge...etc
- 30 instant Pre-programmable playback function keys
- Four channel stereo mixer with stereo microphone and earphone connections.
- The unit is shipped with an aluminium case for increased protection during transportation.

Multi-Video Format Converter With Colour Processor



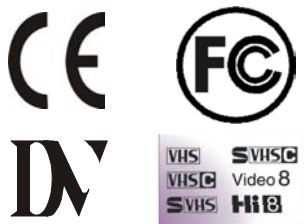
More than 50 Digital effects and 30 Instant playback keys



Four channel Audio mixer with A/V sync calibration



## Rear Panel:



## Specifications

- Video Formats**  
 Analogue Y/C and Composite at CCIR601 NTSC and PAL (PAL and NTSC are separate models)  
 Analogue Y.U.V. Video - Sony Betacam standard  
 DV interface by DV25 format at Y.U.V. 4:2:0 PAL 25 Mbps bit rate
- Video Inputs**  
 Four video inputs with options of Composite, S (Y/C), Component and DV
- Video Output**  
 One video output with options of Composite, S (Y/C), Component, DV and SDI output
- Audio Inputs**  
 Video Source A to D, Music, Aux., Stereo Microphone
- Audio Output**  
 Main output and earphone output with volume control
- Audio Sync**  
 Delay Time: - 19 Frames To + 3 Frames
- Dual Channel Full Frame Synchroniser TBCs, 4:2:2, 13.5MHz**
- Digital Effects including**  
 A/B Roll, A/B Dissolve, PIP, Border lines, Chroma Key, Zoom, Mosaic, Art Paint, More Than 50 Digital Effects With 3 Transition Speeds
- Position Control With Mosaic Effect**  
 Full Screen Position Control By Joystick with 2 Rectangular Mosaic size options
- Instant Playback Keys**  
 F01 to F30, 30 Pre-programmable Keys
- Earphone Monitor Jack**  
 Stereo Audio, 1.0Wrms in 16 ohm
- RS-232 Data Control Port for Remote Control and Software Updating**
- Colour Processing**  
 Brightness +/-20%  
 Contrast +/- 3dB  
 Colour +3/-10dB
- R.G.B. White Balance: +/- 10 Degrees**
- Video Bandwidth**  
 Component >5.0 MHz  
 S (Y/C) >5.0MHz  
 Composite >5.0MHz  
 Audio 20 to 20KHz +/-3dB
- Signal/Noise Ratio:** Video > 55 dB  
 Audio > 65 dB
- DG, DP +/- 3%, 3 degree**
- Audio THD <1%**
- Digital Y.U.V. Interface**  
 SDI (SMPTE 259M-C 270Mbps)
- GPI Control**  
 Remote Trigger Controls Pre-programmed Effects from F01 to F30 in Sequence
- Dimension W x D x H**  
 430mm x 420mm x 120mm  
 17" x 16.8" x 4.72"
- Weight: 5.5 Kg**
- Power:**  
 Input: AC 90 To 240V auto-sensing  
 Output: DC 15V/ 50W
- Accessories**  
 AC/DC Power Adaptor  
 Aluminium Carrying Case  
 1.8M IEEE1394 Firewire 6 to 6 Cable, 6.0ft x 2  
 0.2M IEEE1394 Firewire 6 to 4 Cable adaptor 0.8ft x 4  
 S (Y/C) Cable x 2  
 Audio/Video Phono Cable x 2 sets  
 Instruction Manual and Demo CD

## Datavideo Locations

[www.datavideo-tek.com](http://www.datavideo-tek.com)

Datavideo Corporation USA  
 12300-U East Washington Blvd.,  
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