

4 DV INPUT
DIGITAL VIDEO SWITCHER
SE-800
Complete DV25 Digital Studio Solution



D I G I T A L V I D E O

SE-800



ACCESSORIES



SE-800 Carrying Case & Accessories



MP-4000 DVD/HR/W Recorder



DN-100 DV Hard Disk Recorder



TLM-700 7" TFT LCD Monitor



RMC-140 SE-800 Tailor/Preview Box



RMC-120 Video Switcher Element TCP/IP Remote Control Box



RMC-90 SE-800 Remote Control Box



TLM-404 4" x 4 TFT LCD Monitors



BAC-03 Balanced Audio Converter



VP-314 & VP-332 DV Repeater



1064/2064/4064 10/20/40M IEEE1394 Cable



TLM-404JF 4" x 4 LCD Monitors Holder

SPECIFICATIONS

- **Video Formats**
Analog Y/C and Composite at CCR601 NTSC and PAL (PAL and NTSC are separate models)
Analog Y,U,V, Video at a Sony Betacam standard
Output: DV25 format at Y,U,V, 4:1:1 NTSC or Y,U,V, 4:2:0 PAL 24Mbps bit rate
- **Video Inputs**
Component: 5.25 MHz
S(Y/C): >5.0MHz
Composite: >5.0MHz
Video Output
One video output with options of Composite, S (Y/C), Component, DV and SDI output
- **Video Outputs**
A to D, Music, Aux., Microphone
- **Stereo Audio Input**
- **Audio Output**
Main output and headphone output with volume control
- **Audio Sync**
- **Delay Time:** - 19 Frames To + 3 Frames
- **4:2:2, 13.5MHz**
Full Frame Synchronizer TBCs
- **Digital Effects** including
A/B Roll, A/B Dissolve, PIP, Border lines, Chroma Key, Zoom, Mosaic, Art Paint more than 50 digital effects with varied transition speeds
- **Position Control** With Mosaic Effect
- **Full screen position control** by Joystick with 3 Instant Playback Keys
- **Instant Playback Keys**
F01 to F30, 30 pre-program keys
- **Headphone Monitor Jack**
- **Stereo Audio, 1.0Wrms in 16 ohm**
- **RS-232 Data Control Port** for Remote Control
- **R.G.B. White Balance:**
+/- 10 Degrees
- **Color Processing**
Brightness +/-10%
Contrast +/- 3dB
Color +/-10dB
Gamma Bandwidth +/-30% (NTSC only)
- **Video Bandwidth**
Component: 5.25 MHz
S(Y/C): >5.0MHz
Composite: >5.0MHz
Audio: 20 to 20KHz +/-3dB
- **Signal/Noise Ratio:**
Video > 52 dB
- **DIG DP:** 5%, 3 degree
- **Audio THD:** <1%
- **Digital Y,U,V Interface**
SDI (SMPT-E 259M-C 270Mbps)
- **GPI Control**
Remote Trigger Control Pre-program Effects from 01 to F30 in Sequence
- **430mm x 420mm x 120mm**
17" x 16.8" x 4.72"
Weight: 5.5 Kg or 13.8 lb
- **Power:**
Input: AC 90 To 240V auto-sensing
Output: DC 14.4V/70W
- **Accessories**
Power Adapter
Aluminum Carrying Case
1.8M IEEE1394 Firewire 6 to 6 Cable
1.8M IEEE1394 Firewire 6 to 4 Cable
0.2M IEEE1394 Firewire 6 to 4 Cable adaptor
S (Y/C) Cable x 2
Audio/Video Photo Cable x 2 sets
Instruction Manual & Demo CD



PPT-100 Firewire Scan Converter

Convert PowerPoint to DV25 in real time, and input to the SE-800 as a DV source to highlight your presentation by mixing with live video.



CG-100 Datavideo CG

Character Generator software for generating text, subtitle, logo and animation overlays. The CG-100 can be used with any SDI or YUV input switchers. It can also be used with the SE-800 via the SDI overlay interface.

FEATURES

- Combine DV, Component YUV, S-Video (Y/C) and Composite Video.
- Output SDI, DV, Component YUV, S-Video (Y/C) or Composite Video.
- Compatible with 16:9 and 4:3 aspect format
- SDI Overlay Input and Output
- 6 Channel Stereo Audio Mixer.
- Built in dual channel TBC with YUV 4:2:2 frame synchroniser.
- RGB Color Processor, programmable for each input.
- Over 50 Digital Effects include: Fades, Wipes, Dissolves, Zooms, PIP etc.
- Chroma Key, Mosaic, Paint, Strobe etc.
- GPI control of 30 programmable events.

