

4 DV | Y:U:V | Y/C & COMPOSITE VIDEO SWITCHER

SE-800



FEATURES

Datavideo SE-800 is a four channel audio and video switcher where producers can combine a mix of different SD formats including DV25 (Firewire), Component (Y:U:V), S-Video (Y/C) and Composite video and stereo audio connections (In and Out). Analogue and Digital Inputs can be used in any combination together. SE-800 provides a combination of

DV25 (Firewire), Component (Y:U:V), S-Video (Y/C) Composite video, as well as SDI output. The SE-800 provides a standard Composite Video loop out on each channel, enabling the producer to monitor each input source. SDI overlay is built in for Character Generator Datavideo's CG-100 CG software. 6 Channel stereo mixer with advanced audio delay feature

for perfect synchronising between video & audio. Dual channel TBC and 4:2:2 frame synchroniser ensure no genlock is required for flicker free switching or mixing, even with different video formats, e.g. Composite Video and DV Ideal for TV Studios, Outside Broadcast, Conference, Worship and Web Casting applications.

LCD MONITOR HOLDER (OPTIONAL)



FEATURES

FRONT VIEW

Audio delay

Adjustable audio delay, for frame accurate and perfect synchronizers between video and external audio

Joystick

Control white balance, picture in picture or Mosaic on screen location. All settings are saved on power off.

Audio Mixer

6 Channel stereo mixer for mixing the video audio with house audio or AUX inputs (e.g. CD, MD, DAT) or Microphone

Effect transitions

50+ Digital effects including Fades, Wipe, Dissolves, Zooms etc.

Input Selector

Main and Sub bus selector. Cut direct between sources via the main bus

Colour Processor

Brightness, Contrast & Colour setting. Active with power off memory for each channel

Preset keys

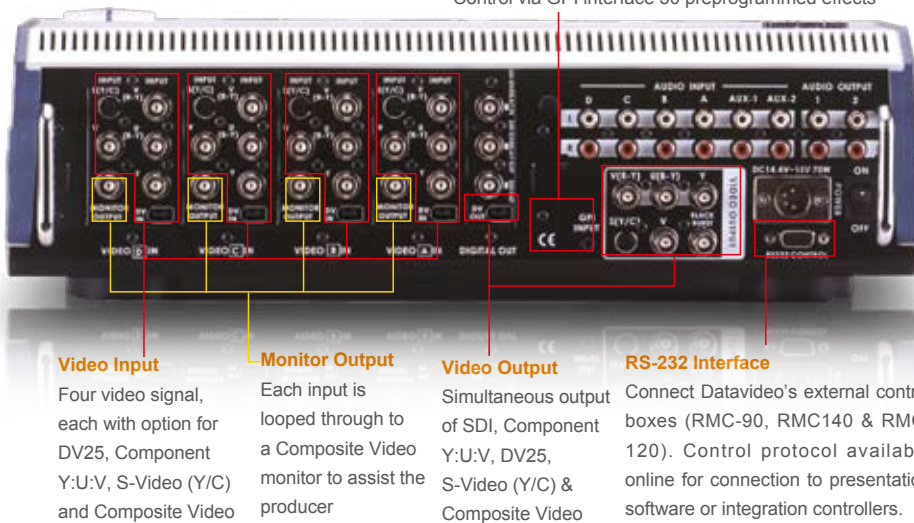
30 quick selection keys for preset event & effects, make it easy to pre-program special frequently used effects



REAR VIEW SE-800DV

GPI Interface

Control via GPI interface 30 preprogrammed effects



Video Input

Four video signal, each with option for DV25, Component Y:U:V, S-Video (Y/C) and Composite Video

Monitor Output

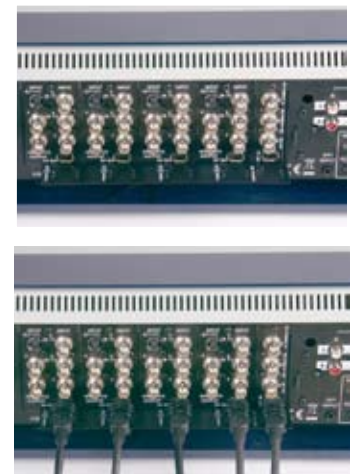
Each input is looped through to a Composite Video monitor to assist the producer

Video Output

Simultaneous output of SDI, Component Y:U:V, DV25, S-Video (Y/C) & Composite Video

RS-232 Interface

Connect Datavideo's external control boxes (RMC-90, RMC140 & RMC-120). Control protocol available online for connection to presentation software or integration controllers.



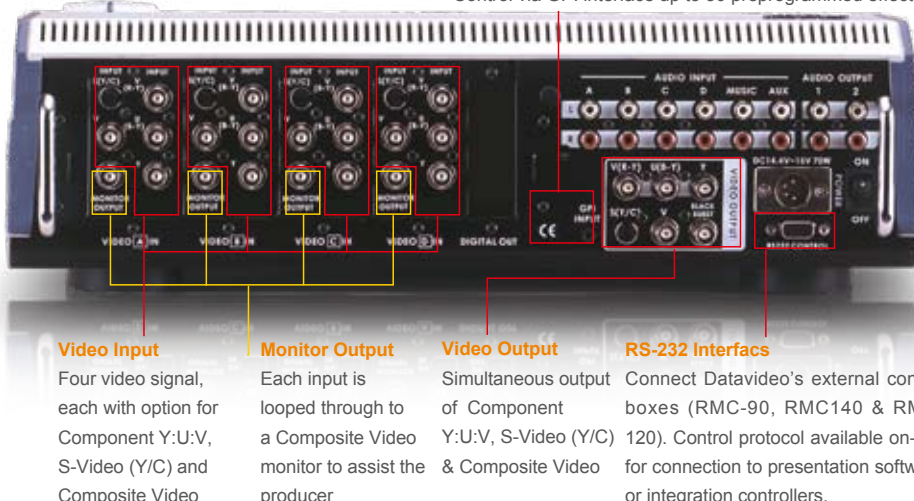
DV Input

SE-800DV provides users with four DV25 input via powered FireWire connector. DV25 provides optimal picture quality while at the same time easy installation and no quality loss using long cabling

REAR VIEW SE-800AV

GPI Interface

Control via GPI interface up to 30 preprogrammed effects.



Video Input

Four video signal, each with option for Component Y:U:V, S-Video (Y/C) and Composite Video

Monitor Output

Each input is looped through to a Composite Video monitor to assist the producer

Video Output

Simultaneous output of Component Y:U:V, S-Video (Y/C) & Composite Video

RS-232 Interfaces

Connect Datavideo's external control boxes (RMC-90, RMC140 & RMC-120). Control protocol available on-line for connection to presentation software or integration controllers.

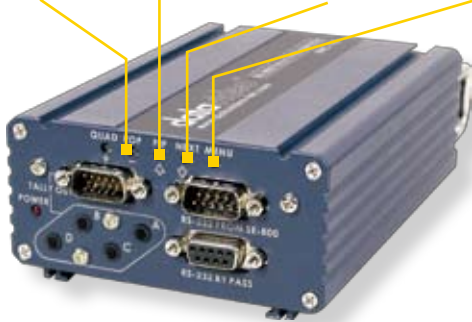


NO Genlock Required

No Genlock is required thanks to SE-800's built in dual channel TBC and 4:2:2 frame synchroniser ensuring flicker free switching or mixing, even with different video formats, e.g. Composite Video and DV

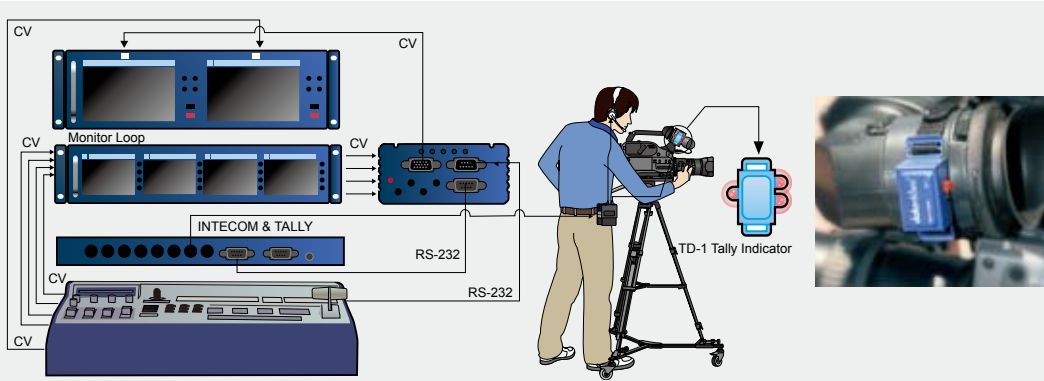
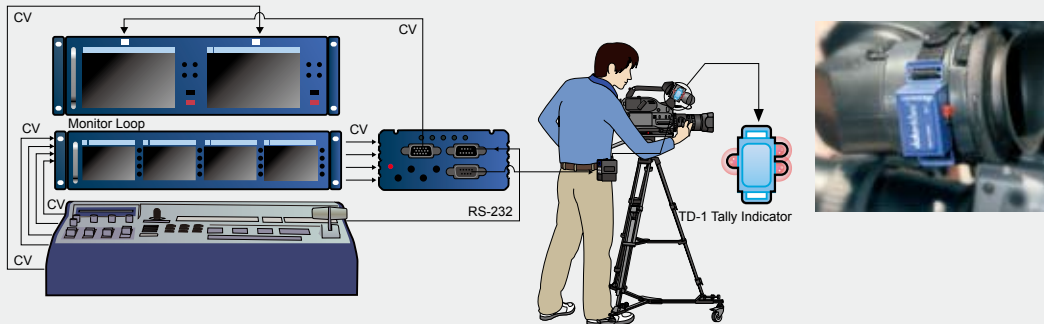
ACCESSORIES (OPTIONAL)

Next Source/Tally Box RMC-140



Designed specifically for the SE-800, the RMC-140 provides four different combinations of preview that include Quad, POP, PIP and Next. It provides 15 pin and 4 x 3.5mm tally light outputs. With Datavideo 50 metre tally cable (CB-1) and tally adapter (TD-1), you can easily supply tally information to the camera crew, even with general DV camcorders

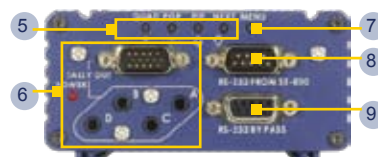
APPLICATIONS



OVERVIEW



- 1 4 x Composite Video Input
- 2 Power (DC12V)
- 3 Monitor output (Quad,POP,PIP,and Next)
- 4 Full Screen preview with tally indication



- 5 Output option selector (Quad,POP,PIP,and Next)
- 6 Tally light output (15pin & 3.5mm jack)
- 7 Menu selector
- 8 RS-232 control input.
- 9 RS-232 control output

ACCESSORIES (OPTIONAL)

Ethernet remote controller RMC-120

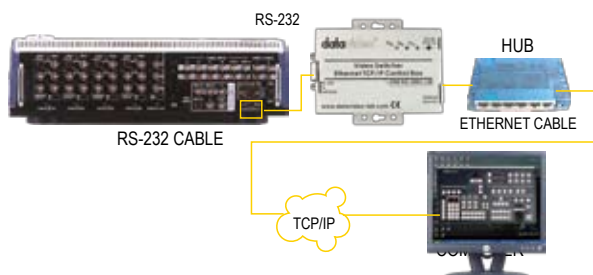


SYSTEM REQUIREMENTS

- CPU: Pentium 4, 2.4GHz
- RAM: 512MB RAM
- Screen Resolution: 1024x768
- OS: Windows XP

PC/Network control box allows full control of SE-800 via Datavideo's free software (Available online via our website)

APPLICATION



REMOTE CONTROL SOFTWARE

Connect The SE-800 direct to a RS-232 port or a Ethernet port on a Computer and control the switcher using special computer software



Free download from <http://www.datavideo.info/products/rmc120.htm>

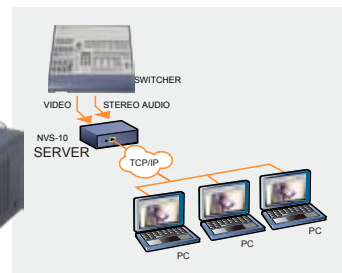
Network Video Server NVS-10



FRONT VIEW

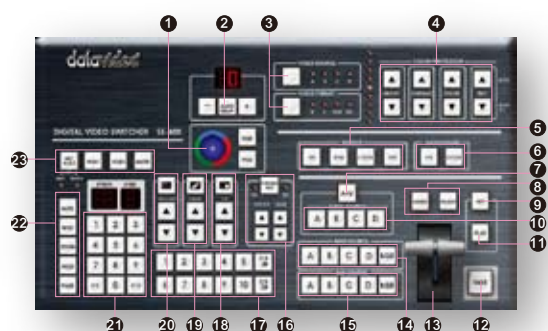


REAR VIEW



Easy plug and play solution for streaming live audio & video in MPEG-4 format through a Ethernet network. Fully compatible with Windows browser IE 6.0 or above on PC.

SE-800 Remote control software



- | | |
|-------------------------------|--------------------------------------|
| 1 Joy stick and mode selector | 18 T-Bar |
| 2 Voice sync adjustment | 19 Main video source selectors |
| 3 Video input format selector | 20 Sub video source selectors |
| 4 Color processor | 21 Chroma key control |
| 5 Border control | 22 Preset Banks F1 to F30 |
| 6 Background control | 23 Video effects: Picture in Picture |
| 7 Audio follow video switch | 24 Video effects: Paint controls |
| 8 Transition source selectors | 25 Video effects: Mosaic controls |
| 9 GPI function on/off button | 26 Numeric Keypad |
| 10 Audio channel selectors | 27 Transition effects. |
| 11 Play F1 to F30 by sequence | 28 Audio channel selectors |
| 12 Take function key | |

INCLUDED



Bespoke Aluminium Accessory Case

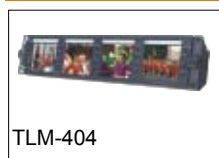


DVD Recorder



1066/2066
30/60 meter 6pin - 6pin
DV25 Cable

ACCESSORIES (OPTIONAL)



TLM-404
4 x 4" TFT LCD Monitor
Bank



TLM-702
2 x 7" TFT LCD Monitor
Bank



DN-400/ DN-500
DV hard drive player & recorder
with exchangeable hard drives



ITC-100
8-Channel Intercom/
Talk-back system



CG-100
SDI Character Generator
software



VP-314
DV Repeater



CB-10
9ft HD/SD Y:U:V Cable



BAC-03
Balanced Audio
Converter



NVS-10
Network Video Server

Datavideo Distributor / Reseller:

www.datavideo-tek.com