

ES-7 [Downloaded from: www.broadcast-trader.com.au](http://www.broadcast-trader.com.au)

EditStation

- The digital system for power production
- Direct Digital Link with DSR-85P VTR
- x4 Transferring capability when combined with the DSR-85P VTR
- High picture quality
- Hybrid operation capability including the unique Disk B-roll™ operation
- SDI and QSDI digital interface capability with optional boards
- 2-channel playback and 1-channel recording for real-time layering
- Sophisticated Graphical User Interface (GUI) provided for efficient operation
- ClipLink™ operation to save valuable disk space and time
- Superb performance DME Switcher
- Multiple input/output formats provided
- Direct touch graphics function to enable graphics creation to be performed directly on the live video
- Fully automated audio-follow-video performance
- Variable compression rate
- Optional ESDraw kit available in addition to the standard TextComposer
- Control panel available for intuitive operation

Supplied accessories:

- Power cord
- Mouse
- Keyboard
- Extension cables for keyboard and mouse (4m)
- Parallel GPI D-sub 15-pin connector
- Software and online manual (CD-ROM disc)
- Windows NT package (CD-ROM disc and manual)
- Operating instructions
- Software license Agreement
- User registration card

Optional accessories:

- Control Panel ESBK-7011
- Basic DME Switcher Board ESBK-7021
- 3D Effect Board for Basic DME Switcher Board ESBK-7022
- Advanced DME Switcher Board ESBK-7023
- 3D Effect Board for Advanced DME Switcher Board ESBK-7024
- QSDI Interface Board ESBK-7031
- SDI Interface Board ESBK-7032
- Disk Recorder Board ESBK-7041
- Disk Unit ESBK-7045
- SCSI Option ESBK-7051
- Ethernet Option ESBK-7052
- SCSI Cable ESBK-7053
- Additional Memory Set ESBK-7054
- ESDraw ESBK-7071
- EditStation Operation Manual ESBK-7091E/F/G
- ESDraw Operation Manual ESBK-7092E/F/G
- Rack Mount Kit for ES-7 RMM-ES7
- Rack Mount Kit for ESBK-7045 RMM-ES701

Specification

General

Power requirement: AC 220/240V, 50/60Hz
Operating voltage: AC 180 to 264V, 48 to 63Hz
Power consumption: Main Unit (ES-7): Approx. 450W
Disk Unit (ESBK-7045): Approx. 100W

Operating temperature: 5 to 35°C (41 to 95°F)

Dimensions:

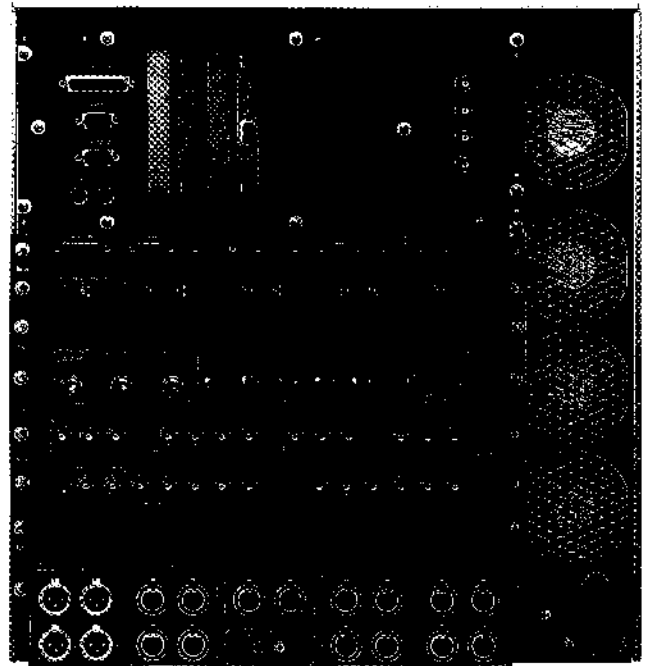
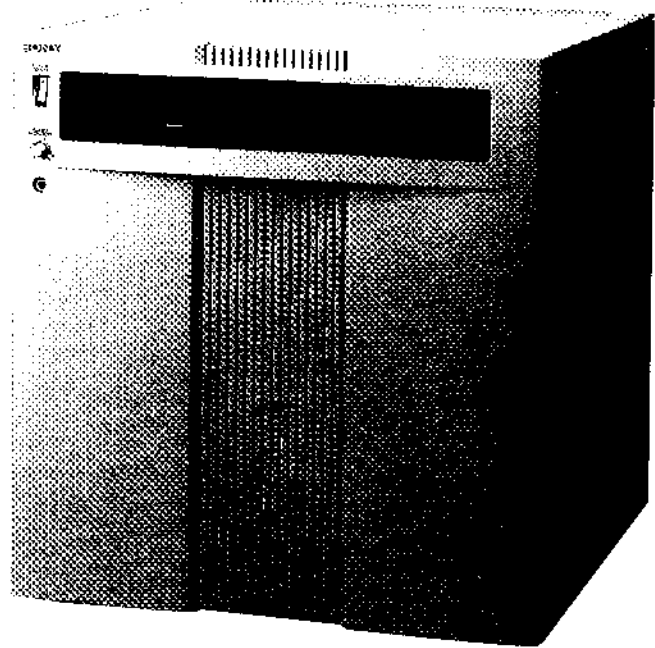
- Main Unit (ES-7):
424 (W) × 431.8 (H) × 478 (D) mm
(16¾ × 17 × 18⅞ inches)
- Disk Unit (ESBK-7045):
424 (W) × 88 (H) × 478 (D) mm
(16¾ × 3½ × 18⅞ inches)
- Control Panel (ESBK-7011):
372 (W) × 76 (H) × 228 (D) mm
(14¾ × 3 × 9 inches)

Mass:

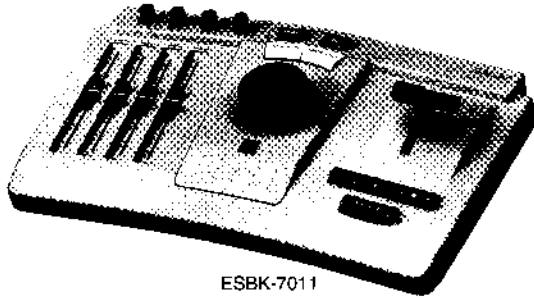
- Main Unit (ES-7):
35 kg (77 lb 3 oz)
- Disk Unit (ESBK-7045):
14 kg (30 lb 14 oz)
- Control panel (ESBK-7011):
1.7 kg (3 lb 12 oz)

PC

CPU: Pentium 200MHz
OS: Windows NT4.0
Memory: 64MB
Hard disk drive: 1 × IDE
Floppy disk drive: 1 × 720KB/1.44MB



Rear Panel of ES-7



ESBK-7011



ESBK-7045

VGA:	1024 × 768, 65K colors
Mouse:	1 × Mini Din 6-pin
Keyboard:	1 × Mini Din 6-pin
Video	
Analogue video inputs:	3 sources (P1/P2/R) selectable from Y/R-Y/B-Y, Composite or Y/C BNC: Y/R-Y/B-Y, Composite MiniDin 4-pin: Y/C 1 sources (AUX) selectable from Composite, Y/R-Y/B-Y or G/B/R/Sync., BNC 1 × Gen. Lock IN, BNC
Digital video inputs:	2 (P1, P2/R) × QSDI, BNC 3 (P1, P2, R) × SDI, BNC
Analogue video outputs:	PGM & MONITOR outputs, Y/R-Y/B-Y, G/B/R/Sync., Composite and Y/C BNC: Y/R-Y/B-Y, G/B/R/Sync., Composite MiniDin 4-pin: Y/C 4 × Black Burst output, BNC 1 × SDI PGM output (R), BNC 1 × QSDI PGM output (R), BNC
Digital video outputs:	
Audio	
Audio:	Up to 22-ch input and 4-ch output
Analogue audio inputs:	4-ch × 3 sources (P1/P2/R), XLR 3-pin 2-ch × 1 source (AUX), XLR 3-pin
Digital audio inputs:	2-ch × 1 source (AUX), selectable from AES/EBU or IEC-958
Analogue audio outputs:	LINE OUT: 4-ch, XLR 3-pin MONITOR OUT: 2-ch (1/3 & 2/4), Pin-jack
Digital audio outputs:	Multiplied as SDI/QSDI
Compression	
Compression scheme:	DV Compression
DME Switcher	
Basic DME Switcher: (ESBK-7021)	Y:R-Y:B-Y=4:1:1, 13.5MHz, 8-bit Chroma key & luminance key: 1 bit (linear key) Downstream keyer: 8 bit
Advanced DME Switcher: (ESBK-7023)	Y:R-Y:B-Y=4:2:2, 13.5MHz, 8-bit Chroma key & luminance key: 8 bit (linear key) Downstream keyer: 8 bit
Control	
P1, P2, AUX & R:	RS-422A, D-Sub 9-pin
GPI (Serial):	RS-232C, D-Sub 9-pin
GPI (Parallel):	Active low TTL, D-Sub 9-pin
Control Panel:	D-Sub 15-pin
Graphics/title	
Pixel format:	4:2:2:4 (Y/R-Y/B-Y/Alpha)
Font:	True type
import format:	BMP, TGA
Others	
EDL export format:	Compatible with Sony BVE-2000/5000/9100