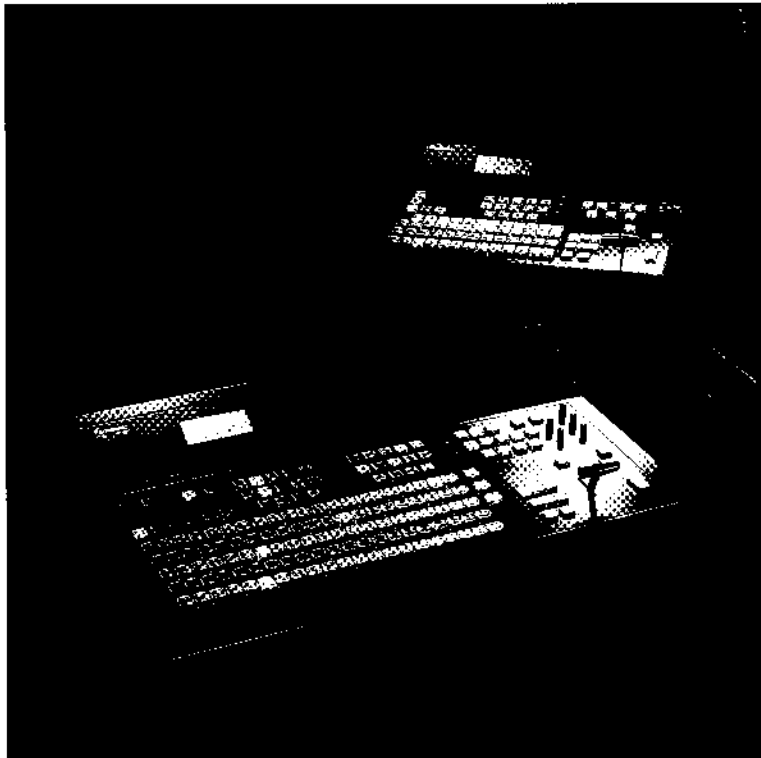


AS-D740 Digital Video Switcher



Optional Accessories

AS-A741	Analogue Input Unit
AS-A742	Analogue Output Unit
AS-A743	Frame Memory Unit
AS-A744	Chroma Key Unit
AS-A745	Shadow Generator Unit
AS-A746	Effector Interface Unit
AS-A747	Daughter Board
AS-A748	Analogue Interface Unit
AS-A749	Serial Input Unit
AS-A707	Extender Board
AS-A708	Rack-Mount Bracket
AS-A709	Additional Memory Card

Specifications

AS-D740

General

Power Source:	100 to 120V or 230V AC±10%, 50/60Hz ±10%, 300VA (standard configuration), 700VA (full option)
Operating Temperature:	0° to 40°C
Dimensions (W x H x D):	
Standard Control Panel:	720 x 140 x 460 mm
Compact Control Panel:	432 x 127 x 349 mm
Main Frame:	482 x 222 x 482 mm

Input

Video:	20-input 525/60, 625/50 Component Serial (standard 4 inputs, max. 16 inputs) Component Analogue (optional, max. 4 inputs) CH2 in AS-A741 is switchable Y, P, P-/RGB 2 Colour background, 1 Colour black 1 Composite Analogue 1 Component Parallel (optional) 1 Component Parallel (optional)
Reference:	
DFX-Video:	
DFX-Key:	

Output

PGM:	2 Component Serial, 2 Component Analogue (optional)
PVW:	1 Component Analogue (optional)
CF:	1 Component Serial (optional), 1 Component Analogue (optional)
DFX-Video:	2 Component Parallel (optional)
DFX-Key:	1 Component Parallel (optional)
DFX-Reference:	1 Composite Analogue
AUX:	2 Component Serial (optional)

Control I/O

Control panel interface:	20 Tally outputs (open collector output), 6 GPI inputs, Editor interface (EIA-422A), Frame store interface (EIA 422A), DFX interface, AUX BUS interface
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Downloaded from:

- Choice of Control Panel
 - Standard Panel is suited to studio production and O.B. Van
 - Compact Panel is suited to post-production
- INPUT: Standard: 4 serial digital SMPTE259M (up to 16 inputs) Optics; up to 4 analogue inputs
- OUTPUT: Standard: 2 serial digital PGM outputs
Option: 2 analogue PGM outputs, 1 analogue PVW/C-FEED output (selectable), 1 serial digital C-FEED outputs
- 8-bus Multi-level Mix/Effects System
- Transition mode — MIX, WIPE, NAM, DFX
- Wipe pattern generator — 48 wipe patterns (hard/soft edge, hard/soft border, aspect, positioner, spin, rotate, multi, normal/reverse)
- KEY 1, KEY2, DSK — WIPE PTN, WIPE MASK, Box Mask function Memory Mask function, KEY invert, Change priority (KEY1 and KEY2)
- 8 independent matte generators (2 colour background, 4 matte generators, and optional 2 matte generators for shadow effects)
- Fade to Black Function
- AVDL Function — Automatic input signal timing adjustment ±10 micro sec.
- Memory Function — Preset Memory (20 registers)/Transition Memory (20 registers)
- Interface with an Editing Controller — Serial interface (EIA-422A) 6 GPI inputs (BKGD, KEY1, KEY2, DSK, AUTO, FTB, P-MEM, T-MEM) parameters may be assigned to any of the 6 GPI inputs.
- Widescreen (270-MHz), 4:3 or 16:9 switchable
- Smooth transition by Dynamic Rounding™ for 8-bit/10-bit output
- Other features with Options
 - "Look ahead" preview system
 - Clean feed output
 - Frame Stores (2 frames) --- Direct access from external terminal/personal computers
 - 2 Chroma Key (KEY1 and KEY2 are independent)
 - Edge, outline, drop shadow, flying shadow
 - Linking a DVE/DFX (Digital Video Effects Unit)
 - 2 Serial Auxiliary buses

Note: Dynamic Rounding™ is used under licence from Quantel Limited.