



DFS900M

Multi-format Production Switcher

Pricing available upon
request

UPC: 027242263086

Overview

Sony is proud to extend its switcher family with the introduction of a highly sophisticated and compact video switcher, the DFS-900M. This multi-format switcher answers the requirements of many different applications in a broad range of operations including local broadcast, small production, house-of-worship production, the educational sector, and government activities.

With a variety of powerful functionalities packed into an extremely compact 3RU-size processor chassis, the versatile DFS-900M offers a multi-format capability to operate in SD, HD, or mixed SD/HD-format environments. It is equipped with eight SDI inputs and four SDI outputs as standard; however, as user requirements grow, these can be increased to 24 SDI inputs and 16 SDI outputs. Other standard features include six keyers, 4-channel frame memory, a six-channel 3D DME unit, and multi-screen output functionality. For more flexibility, there are two types of control panels: the 1 M/E and 1.5 M/E. In addition, an extensive range of optional boards and accessories are provided.

With its ideal combination of small size and huge versatility, the DFS-900M is a high-performance yet affordable compact live production switcher.

(* Shown with optional BKDF-902 1.5 M/E Control Panel and touchmonitor.)

Highlights

- * The new DFS-900M Multi-format switcher is an affordable live production video switcher with high-end functionality and features.
- * 1 M/E and 1.5 M/E control panels available for a truly flexible operating environment.
- * Equipped with 8 SDI Inputs and 4 SDI Outputs which are switchable between HD and SD operation.
- * Upgradeable to 24 HD/SD SDI Inputs and 12 HD/SD SDI Outputs.
- * Equipped with 4 Keyers (including Luminance and Chroma) and 2 DSK.

Specifications

System Specifications	Detail
Video Formats	1080: 59.94i, 50i 720: 59.94p, 50p 480: 59.94i 576: 50i
Video Processing	4:2:2 10-bit
Image Effect Specifications	Detail
Effect	Transition: CUT, WIPE, MIX, DME
Interface Specifications	Detail
Remote	D-sub 9-pin x 3 (female)

GPI/TALLY Output	32 outputs D-sub 37-pin (female)	
General Specifications		Detail
Power Requirements	100 to 240 V AC, 50/60 Hz	
Power Consumption	Max: 400W	
Operating Temperature	41°F to 104°F (5°C to 40°C)	
Dimensions	17 x 5 1/4 x 17 5/8 inches (430 x 132 x 445 mm)	
Weight	38 lb 2.2 oz (17.3 kg)	
Dimensions (W x H x D)	17 x 5 1/4 x 17 5/8 inches (430 x 132 x 445 mm)	
Format (SD/HD)	Multi Format	
Frame Size	1 M/E to 1.5 M/E	
Operating Humidity	10% to 90% RH	
Operating Temperature	41°F to 104°F (5°C to 40°C)	
Control Specifications		Detail
Data LAN	RJ-45 x 1 100BASE-TX	
Editor 1 to 4	D-sub 9-pin x 1 RS-422A	
GPI	D-sub 25-pin (female) x 1	
Remote Control	D-sub 9-pin x 3 RS-232C	
Reference Specifications		Detail
Inputs	Black-burst: NTSC 0.429 Vp-p, PAL 0.45 Vp-p Tri-level sync: +/- 0.3 Vp-p (available in HD mode) 75 or Loop-through BNC	
Outputs	Black-burst: NTSC 0.429 Vp-p, PAL 0.45 Vp-p Tri-level sync: +/- 0.3 Vp-p (available in HD mode) 75 BNC	
Video Inputs/Outputs Specifications		Detail
Assignable Output	Max. 12 BNC x 4 HD-SDI: 1.485 Gbps SD-SDI 270 Mbps 800 mVp-p, 75	
Primary Inputs	Max. 24 BNC x 8 HD-SDI: 1.485 Gbps SD-SDI: 270 Mbps 800 mVp-p, 75	
Accessories		
Required Accessories		
Model:	Description:	U.S.List Price
BKDF902	1.5 M/E Control Panel for the DFS-900M	\$12,750.00
BKDF901	1 M/E Control Panel for the DFS-900M	\$5,800.00
Optional Accessories		
Model:	Description:	U.S.List Price
RMM10	Rack Mount Kit for PFV-L10 frame.	\$130.00
BKDF940	DME board for DFS-900M	\$3,800.00
BKDF910	SDI Input board for DFS-900M	\$3,500.00

BKDF950	Multi-viewer board for DFS-900M	\$3,100.00
BKDF960	SDI Output board for the DFS-900M	\$4,000.00
BKDF990	Redundant Power Supply Unit for the DFS-900M	\$1,800.00

Resources

Product Brochure

Description:	Release Date	Type/Size
DFS900M Multi-format Switcher Brochure		pdf / 411K

Specification Sheet

Description:	Release Date	Type/Size
DFS-900M Mult-format Production Switcher Specification Sheet		pdf / 502K

Product Manual

Description:	Release Date	Type/Size
DFS-900M Operating Instructions		pdf / 15,632K