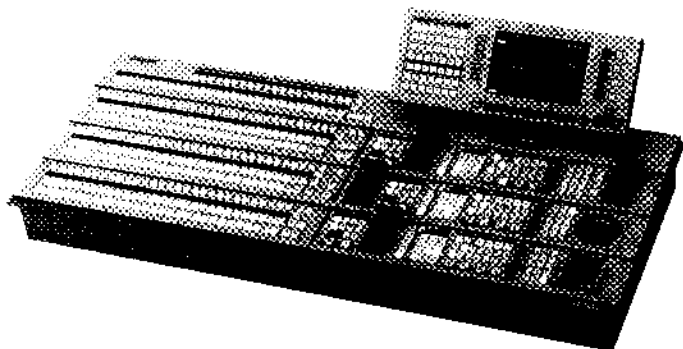


## HDS-7000 (HD Digital Video Switcher)

**Digital HDVS**

- Extremely high quality digital video signal processing with sampling rate of 74.25 MHz/10 bits for HDVS (High Definition Video System).
- Uses HD SDI for all video inputs and outputs, which conformed to SMPTE 292M through a single coaxial cable for wiring convenience and reliable transmission.
- Specially designed for both live and post production editing operation with a compact yet comprehensive control panel including a large EL display.
- Four alternative versions of control panel: 3 M/E and 2 M/E + PGM/PST types.
- Integrated with a three mix effects systems, 30 HD SDI (High Definition Serial Digital Interface) primary inputs and 10 auxiliary buses.
- Two powerful key processors and a color background generator are standard on each M/E, and a high quality chroma keyer is also available in option for each mix effects.
- Various mix and wipe effects such as NAM, Super Mix, Circle, Star, Matrix, Diamond Dust etc.
- The DME-LINK™ function enables the keyframe effects of the HDME-7000 to be run by the fader bar or transition button of each M/E, just like a wipe transition.
- The preset effects of a HDME-7000 can also be controlled from the switcher panel.
- The Processed Key function links the switcher keyer to an external HDME with the press of a button, allowing simple composition of key and special effects.
- Accepts various formats/operation modes – 1080/30PsF, 1080/24PsF, 1080/25PsF, Interlaced 1080/50Hz, 60Hz, 59.9Hz, or 1035i.
- 16:9 or 4:3 mode operation switchable
- Incorporated with frame memory function to enhance editing efficiency. (option)
- Extremely high picture quality chroma key with auto chroma key function. (option)
- Redundant power supply system is available by using another HKDS-7690 power supply unit. (option)



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

### System Configurations

#### PROCESSOR

HDS-7000	HD Digital Video Switcher
HKDS-7031	Chromakey Board (1 channel)
HKDS-7041	Frame Memory Board
HKDS-7690	Power Supply Unit

#### CONTROL PANEL

BKDS-7011	3 M/E Switcher Control Panel (Source Name Display on Each M/E, FlexiPad In-line Type)
BKDS-7012	3 M/E Switcher Control Panel (Double Key Rows on M/Es, FlexiPad Offset Type)
BKDS-7025	2.5 M/E Switcher Control Panel (Source Name Display on Each M/E, FlexiPad In-line Type)
BKDS-7026	2.5(e) M/E Switcher Control Panel (Double Key Rows on M/Es, FlexiPad Offset Type)
BKDS-7001	Control Port Expansion Board
BKDS-7030	Key Frame Control Panel Unit
BKDS-7031	DME Control Panel Unit
BKDS-7033	Memory Recall Control Panel Unit
BKDS-7075	Control Panel Remote Adaptor
BKDS-7090	Redundant Power Supply Unit (for BKDS-7011/7012/7025/7026)

#### SOFTWARE

HZS-7020	Operation Software with Manual (English)
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### Specifications

VIDEO INPUTS/OUTPUTS	Signal standard	HD SDI conforming to SMPTE 292M
	Primary inputs	HD SDI x 30
	Program outputs	HD SDI x 3
	M/E program outputs	HD SDI x 2 per M/E 1 and M/E 2
	M/E preview output	-----
	Preview output	HD SDI x 1
	Clean output	HD SDI x 1
	Auxiliary line outputs	HD SDI x 10 (including Edit Preview)
	External reference input	HD TRI-level Sync, loop-through
	CONTROL PANELS	Control panel 1, 2
Control panel 3		D-sub 9-pin, RS-422A
DME 1, 2		D-sub 9-pin, RS-422A
GPI		D-sub 25-pin, 8-inputs, 8 outputs, programmable
Serial bus		D-sub 9-pin, RS-422A
TERMINALS	Terminal	D-sub 9-pin, RS-232C
	Power requirements	DC 5 V, 3.3V, 12V, -5V
	Dimensions (W x H x D)	424 x 620 x 492 mm (16 3/4 x 24 1/2 x 19 3/8 inches) excluding protruding parts
GENERAL	Mass (Approx.)	70 kg (154 lb 5 oz)

#### HKDS-7690 (Power Supply Unit)

Power requirements:	AC 100 to 120 V, 50/60 Hz
Current consumption:	30 A (Max.)
Dimensions:	424 (W) x 132 (H) x 542 (D) mm (16 3/4 x 5 1/4 x 21 3/8 inches)
Mass:	Approx. 20 kg (44 lb 1 oz)