

HD Digital Multi Effects

- Extremely high quality digital video signal processing with sampling rate of 74.25 MHz/10 bits for HDVS (High Definition Video System)
- Advanced man-machine interface by employing Track Ball, Z-Ring, and familiar Color GUI derived from Sony DME Series for easy and quick operation
- Powerful Linked Operation with the HDS-7000 HD Digital Video Switcher and BVE-9100 Editing System offers superior system performance in both live and production applications. Particularly the DME-LINK™ function enables the effects of the HDME-7000 to be used for scene transitions in the same manner as switcher wipe transitions and to be controlled from the switcher fader lever or auto transition button
- Achieves downsizing and saves power consumption — a compact two-channel-DME in a single electronic chassis design reduces space and power consumption, and simplifies installation
- Utilizes HD SDI for all video inputs and outputs, which conformed to SMPTE 292M through a single coaxial cable for wiring convenience and high quality transmission



Main Effects

- 3D Transform: 3D Location and Rotation, Axis Location, Compression/ Expansion, Perspective/ Skew/ Aspect, Flip/Tumble.
- Background & Edge: Color Background, Border, Crop, Drop Shadow (2D linear)
- Freeze & Recursive: Input Freeze, Motion Decay, Trail, Wind, Multi Freeze
- Picture Modify: Multi Move, Defocus, Blur
- Video Modify: Posterization/ Solarization, Sepia, Mono, Nega, Contrast, Mosaic

Non-Linear Effects

- Lighting Effects
Graphics

System Configurations

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| HDME-7000 | HD Digital Multi Effects |
| HKDM-7690 | Power Supply Unit |
| HKDM-7020 | Second Channel DME Boards |
| HKDM-7030 | Wipe/Graphics Effects Board |
| HZDM-7020 | Operation Software with Manual (English) |
| BKDM-3010 | DME Control Panel |
| CPD-100GS | Color Display Monitor |

Specifications

- Power Requirement: 5 V \pm 0.2 V DC, 3.3 V \pm 0.2 V DC, 12 V \pm 0.2 V DC, -5 V \pm 0.2 V DC
- Current Consumption: 5 V DC: Max. 220 A
-5 V DC: Max. 5 A
12 V DC: Max. 12 A
3.3 V DC: Max. 65 A
- Dimensions: Processor (HDME-7000):
424 (W) \times 620 (H) \times 492 (D) mm
(16 $\frac{3}{4}$ \times 24 $\frac{1}{2}$ \times 19 $\frac{3}{8}$ inches)
Power Supply Unit (HKDM-7690):
424 (W) \times 132 (H) \times 542 (D) mm
(16 $\frac{3}{4}$ \times 5 $\frac{1}{4}$ \times 21 $\frac{3}{8}$ inches)
- Mass (Approx.): Processor (HDME-7000): 70 kg (154 lb 5 oz)
Power Supply Unit (HKDM-7690): 20 kg (44 lb 1 oz)