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**Dveous/MX**



## DVEOUS®/MX ADVE5200 Frame Based UNIVERSAL FORMAT DIGITAL VIDEO EFFECTS SYSTEM

### ADVE5200 Dveous/MX Universal Format Digital Video Effects

The ADVE5200 Dveous/MX is a high performance Digital Video Effects system that is at home in both live and post production environments. The ADVE5200 operates in either SD (Standard Definition) or HD (High Definition) and can be switched between formats with a change in the menus along with a reboot. Dveous/MX comes in four standard configurations, Dual Twin SD (5200-1), Quad Twin SD (5200-2), Dual Twin HD (5200-3) or Quad Twin HD (5200-4). **Each of these configurations has both SD and HD mode.** What differs in each of the configurations is the number of SD or HD channels, 1 Channel, Single Twin, Dual Twin or Quad Twin. Additional hardware can be added to provide additional channels (up to Quad Twin) providing eight layers of Z-Axis keying. Dveous/MX has an internal crosspoint matrix, and can accept up to 12 SD/HD SDI inputs. All systems come standard with 6 inputs and a second board can be added to make 12 inputs. It is highly recommended that the second input board be added when using Quad Twin capabilities. Any input can be used as video, key, texture, or background\*. The system also has 6 SD/HD SDI outputs that are configurable as Combined video or key or Channel video or key. The ADVE5200 comes equipped with Target Framestore, Color Corrector, Wide range Defocus, CPL and features unique Motion Adaptive image processing for the ultimate in image quality.

The ADVE5200 is a 10 Bit, 4:2:2 Motion Adaptive Frame based Universal Format DVE with the following high performance features (*the same in SD/HD mode unless indicated*):

\*no background available when operating in Quad Twin HD mode. (5200-4)

**ADVE5200-1 ADVE5200 DVEOUS/MX (DUAL TWIN SD CONFIGURATION)**

- Dual Twin channels (1A,1B,2A,2B) that can be used as dual video, video and key, or video/key plus full bandwidth SuperShadow™ in SD mode.
- One Channel (1/2 Single Twin) (1A) that can be used as video only with full raster shaped key output in HD mode. **(No V/K or VK/S in this mode).**
- SurfaceFX™ Textures and Dual Color Light Source on each channel. Spot, Bar, and Flood light shapes can illuminate live video textures or patterns from the texture frame store.
- UltraWarp™ non linear effects on each channel.
- Hard drive storage for save and recall of effects and textures.
- 525/625 support in SD mode.
- 720 at 59.94p/60p, 1035 at 59.94i/60i, 1080 at 23.98p or psf/24p or psf/25p or psf/29.97p or psf/30p or psf and 1080 at 50i/59.94i/60i support in HD mode.
- Color correction for all channels.
- **NEW** Four channel wide range defocus in SD mode.
- Two channel wide range defocus in HD mode.
- Target Framestore for recursive effects.
- Soft edge borders and crops.
- SuperMatte wipe generator with SpiralFX feature.
- TimeFrame™ Effects Editor and OrbitalFX™ control system.
- High level motion path control, with multiple path types.
- Z depth combiner or priority based layering.
- 3 serial remote interfaces including CPL.
- 12 GPI inputs and outputs.
- Global Channel with nested source and target spaces.
- Control Panel with Internal Floppy Disk Drive.
- 33ft Control Panel Cable is included UNLESS other cable length is ordered (longer cable length requires separate control panel power supply).
- 6 SDI inputs at 270Mbits/second for video or key in SD mode (SMPTE 259M) or 1.5Gbits/second for video or key in HD mode (SMPTE 292M).
- 6 SDI outputs user selectable as combined video, combined key, channel video or channel key outputs. Operating at SMPTE 259M for SD and SMPTE 292M for HD.

**ADVE5200-2 ADVE5200 DVEOUS/MX (QUAD TWIN SD CONFIGURATION)**

- All the same features as 5200-1 with the following changes in channel configuration for SD and HD modes.
- **NEW** Quad Twin channels (1A,1B,2A,2B,3A,3B,4A,4B) that can be used as dual video, video and key, or video/key plus full bandwidth SuperShadow™ in SD mode.
- Single Twin Channel (1A,1B) that can be used as dual video, video and key, or video/key plus full bandwidth SuperShadow™ in HD mode.

**ADVE5200-3 ADVE5200 DVEOUS/MX (DUAL TWIN HD CONFIGURATION)**

- All the same features as 5200-2 with the following changes in channel configuration in HD mode.
- Dual Twin Channels (1A,1B,2A,2B) that can be used as dual video, video and key, or video/key plus full bandwidth SuperShadow™ in HD mode.

**ADVE5200-4 ADVE5200 DVEOUS/MX (QUAD TWIN HD CONFIGURATION)**

- All the same features as 5200-3 with the following changes in channel configuration and defocus in HD mode.
- **NEW** Quad Twin channels (1A,1B,2A,2B,3A,3B,4A,4B) that can be used as dual video, video and key, or video/key plus full bandwidth SuperShadow™ in HD mode.
- Four channel wide range defocus when operating in Quad Twin HD mode.
- This configuration requires two full 5200-3 chassis used in conjunction to create Quad Twin HD capabilities. The system can also operate as two separate 5200-3 systems if so desired although a second control panel or A/B switch would be required to run the two chassis in this manner.

<b>ADVE5200 UPGRADES AND OPTIONS</b>
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**5200-UPG1-2** **DVEOUS/MX CHANNEL UPGRADE**

This provides the necessary software/hardware to upgrade your Dveous/MX from a Dual Twin SD configuration (5200-1) to a Quad Twin SD configuration (5200-2).

**NEW** Increases the SD capabilities from dual twin (4 channels) to quad twin (8 channels).

Increases the HD capabilities from half twin (1 channel) to single twin (2 channels) therefore allowing V/K or VK/S functionality.

**5200-UPG2-3** **DVEOUS/MX CHANNEL UPGRADE**

This provides the necessary software/hardware to upgrade your Dveous/MX from a Quad Twin SD configuration (5200-2) to a Dual Twin HD configuration (5200-3).

Increases the HD capabilities from single twin (2 channels) to dual twin (4 channels).

**NEW 5200-UPG3-4** **DVEOUS/MX CHANNEL UPGRADE**

This provides the necessary software/hardware to upgrade your Dveous/MX from a Dual Twin HD configuration (5200-3) to a Quad Twin HD configuration (5200-4).

Increases the HD capabilities from dual twin (4 channels) to quad twin (8 channels).

**NOTE:** You may upgrade all the way from a 5200-1 to a 5200-4 simply by progressing through each upgrade kit.

**5200-INP2** **DVEOUS/MX ADDITIONAL INPUT BOARD**

Additional hardware to bring the total SDI inputs from 6 to 12. All inputs can be selected as either SD or HD mode.

**NEW** This option is highly recommended for any system working in Quad Twin configuration.

**5200-CP** **DVEOUS/MX CONTROL PANEL**

Additional Dveous/MX Control Panel and power supply (5200-CPPS) to allow control from another remote. Up to 4 panels can be daisy chained together. Only one panel can be active at any one time.

**5200-CPPS** **DVEOUS/MX CONTROL PANEL POWER SUPPLY**

Control Panel Power Supply is needed when cable between chassis and panel exceeds 33 feet. Also necessary if multiple panels are daisy chained together.

**5200-EFD** **DVEOUS/MX EXTERNAL FLOPPY DRIVE**



External drive to be used if Control Panel is countersunk in console and blocking access to internal floppy drive.

**5200-100'**

**DVEOUS/MX 100 FOOT CABLE**

Custom cable for longer runs between chassis and control panel. (33' cable is standard)

**5200-SMA**

**DVEOUS/MX SOFTWARE MAINTENANCE AGREEMENT**

The Software Maintenance Agreement provides customers with maintenance software releases that contain fixes for bugs in the Dveous/MX software, and may contain feature enhancements and/or minor new feature additions. The ADVE5200 System comes standard with a 24 month (2 year) term software maintenance agreement (calculated from the product purchase date).

The Software Maintenance Agreement Renewal provides an additional 12 months (1 year) of coverage for maintenance software releases. The renewal period is calculated from the date original SMA was completed (2 years after purchase date).