

## Professional DVD Recorder

# MP-6000



Datavideo MP-6000 is a professional quality DVD+RW based DVD recorder with DV in & out plus RS-232 control interface.

The unit incorporates a high performance MPEG-2 codec for real time recording of live audio/video material from camcorders, analogue VCRs, or other analogue or digital sources on to DVD+R/RW disc.

Input includes: Composite Video, S-Video (Y:U:V) and DV25.

For optimal recording quality the MP-6000 has a built-in 3D comb filter & TBC.

The MP-6000 has a heavy duty metal construction making it perfect for demanding applications

The control interface includes RS-232 and GPI for easy integration within existing applications.

## Features

- Real Time Stand Alone MPEG-2 Player/ Recorder
- DVD + R / RW Disc Recording
- Variable Bit Rate From 1.7 to 9.1 Mbps
- DV, YUV, S-Video (Y/C), Composite Video Inputs and Outputs
- DV Loop Through
- Large Illuminated Control Panel
- Balanced and Unbalanced Stereo Inputs and Outputs
- Built In Video Processor With Colour Correction
- Audio Level Control
- RS 232 Remote Interface
- Rack Mountable (3U High, 1/2 -19")
- DC 12V Power Supply Included

### DVD+R/RW Recording Options

Setting	Mode	Rate	PAL	NTSC	4.7GB DVD+R/RW Disc
1	HQ	9.17Mbps	720x576	720x480	60MIN
2	SP	5.07Mbps	720x576	720x480	120MIN
3	LP	3.38Mbps	480x576	480x480	180MIN
4	EP	2.54Mbps	360x576	360x480	240MIN
5	SLP	1.69Mbps	352x288	352x240	360MIN

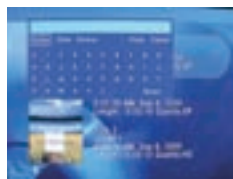
### Supported Format

Format	Playback	REC
DVD +RW	<input type="radio"/>	<input type="radio"/>
DVD +R	<input type="radio"/>	<input type="radio"/>
DVD -R	<input type="radio"/>	
DVD -RW	<input type="radio"/>	
JPEG	<input type="radio"/>	
DVD Video	<input type="radio"/>	
Super VCD	<input type="radio"/>	
Video CD	<input type="radio"/>	
Audio CD	<input type="radio"/>	
CD-R	<input type="radio"/>	
CD-RW	<input type="radio"/>	

## Applications



■ Simple to intergrate menu structure recorded to each disk



■ File names can be changed direct on the unit (English only)



■ Built in TBC to stabilise poor quality video source, such as VHS, S-VHS, Video-8, HI-8, U-Matic etc.



■ 3D Video Noise Reduction

■ 3D Comb filter

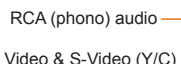
GPI remote control interface.



Broadcast quality Y:U:V in & out



DV25 in & out



RCA (phono) audio

Composite Video & S-Video (Y/C)



Balanced audio in / out



RS-232 remote control interface



DC 12V power ideal for feild use or with Datavideo Mobile Video Studio

## Specifications

### Video Input & Output

- IEEE1394 Fire Wire DV25 in & Out (NTSC 4:1:1 - PAL 4:2:0 - DV25 Format)
- S-Video( Y/C) (DIN 4-Pin, 75ohm), Y:1.0Vp-p, C:0.627Mvp-p
- Composite Video: 75ohm 1.0 Vp-p
- Component Y:U:V
- Black-Burst/Gen-lock out
- Bandwidth: 5.0MHz
- Noise ratio: 50 dB
- 4:2:2 Time Base Corrector

### Digital and analogue video correction

- Brightness :+/-30%
- Contrast :+3/-6 dB
- Saturation:+6/-10 dB
- Hue :+/-20 (NTSC Only)

### Audio In & Out

- Balanced (XLR)
- Un-Balanced (RCA)
- DV Sampling : 12-Bit 32KHz or 16Bit 48KHz
- Bandwidth : 20-20KHz
- S/N Noise ratio : 65 dB
- Distortion rate : 0.1%

### Video Recording Features

- One Touch Recording (OTR)
- Erase Disk
- Insert Index Point
- Index Menu
- Index Icon Pictures & Text can easily be re-named (English)

### Video Play Back Features

- Play / Reverse Play
- Play All / Single Track /
- Play A to B
- Time Search

### Control Interface

- RS-232 Feature - Pause, Record, Play, Stop, Rewind & Fast forward
- GPI Feature - Start, Stop and Pause

### General specifications

- Width: 8"/205mm
- Height: 5.2"/132mm
- Depth: 9.8"/250mm
- Weight: 3.7Kg
- DC Power: 12V 30W

### Accessories

- DVD+RW Disc
- User Manual
- RCA Phone Audio Cable
- BNC TO BNC Video Cable
- FireWire 6-6-pin & 6-4-pin Cable
- 90-240V AC TO DC 12V Power Supply