

Digital Video Machine™

Single Channel Video Player
Model DVM-7400



VIDEO PLAYBACK

The Digital Video Machine is a compact MPEG-2 player that's rugged enough for the most demanding applications.

FEATURES:

- ▶ No Moving Parts
- ▶ Compact Size
- ▶ Ethernet Option
- ▶ RGB/SDI Option
- ▶ Amplifier Option
- ▶ Playlisting and Scheduling

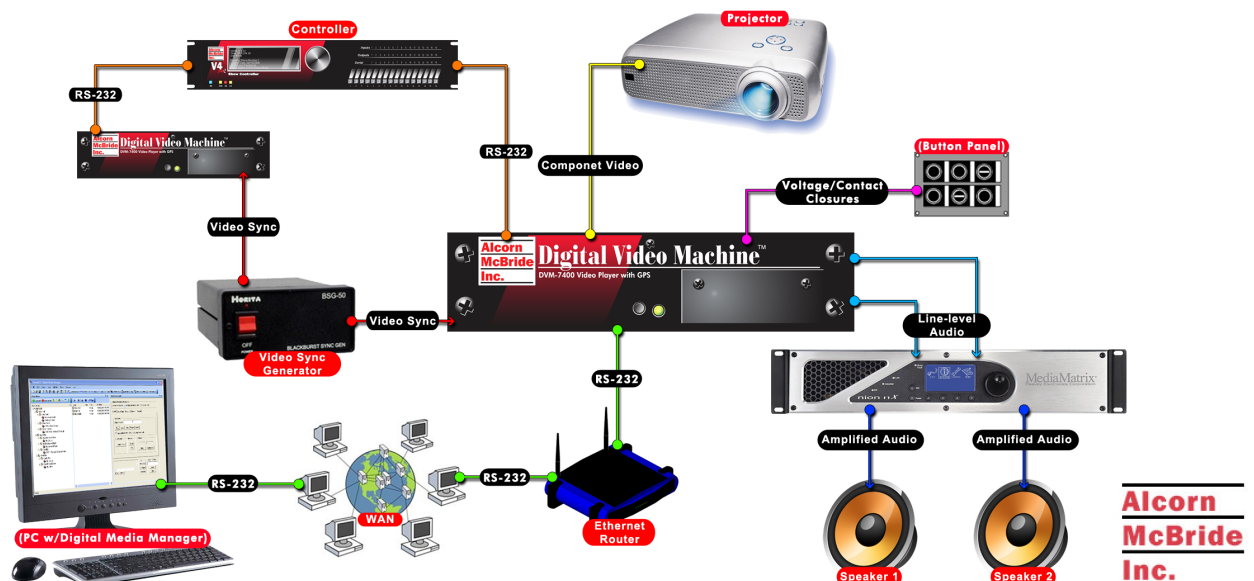
APPLICATIONS:

- ▶ Interactive Kiosks
- ▶ Pre-show Video
- ▶ Museum Exhibits
- ▶ GPS Triggered Tours
- ▶ 4D Theater
- ▶ Digital Signage

The Digital Video Machine is a compact, standard-definition video player that provides reliable video playback with a variety of control and output options.

It plays from CompactFlash so there are no moving parts to break and is available with an Ethernet option for networked applications. This model may be equipped with modules for flexible output configurations.

With multiple control options — Ethernet, RS-232, playlists, real-time scheduler, GPS-triggers — and outputs — composite, component, SDI (SMPTE 259M — the Digital Video Machine is the perfect video playback source for any application.



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PRODUCT SPECIFICATIONS

Video

Formats:	MPEG-2 (ISO 13818 MP@ML)
Max Bit Rate:	15 Mbps
Media:	CompactFlash
Playback Time:	About 15 minutes per GB at 8Mbps (better than DVD quality)
Resolutions:	704x480 NTSC; 704x576 PAL
Output:	NTSC at 30fps, or PAL at 25fps, Interlaced
Video Connector:	RCA phono jack
Aspect Ratios:	4:3 or 16:9

Audio

Formats:	MPEG1-Layer 2 or AC3 5.1 surround sound
Output:	Stereo unbalanced RCA phono connectors
Frequency Response:	10 to 20 KHz +/-0.1dB
Line Output Level Unbalanced:	4.07V P-P max (3.70 typical) into 20K
Line Output Load:	10K Ohm Minimum, 100pF Maximum

Control

Display:	Front panel bi-color LED
Parallel:	Parallel inputs select 15 clips, play, stop, loop, mute, DB-37F
Serial:	RS-232 @9600 N,8,1
Response Time:	Less than 33 msec.
Buttons:	Front panel test button
Switches:	Ground lift, contact/voltage control, GPS enable, write protect
Pots:	Audio volume control
GPS:	NMEA 0183 compatible

Options

Ethernet (/E):	100 Base-T, RJ-45
Pro Video (/P):	RGB out (RGBHV, HDB-15F); Video Sync In (composite or Blackburst BNC)
Pro Audio (/B):	S/PDIF digital audio out (IEC958, stereo or AC3 audio, RCA phono jack) Balanced stereo audio out (+4dB, dual female XLR and 1/4 inch phone jack - combo)

Physical

Power:	9 VDC to 26 VDC at 2 Amps
Power Connector:	Barrel connector (2.5 mm x 5.5 mm x 10 mm)
Operating Temperature:	0°C (32°F) to 38°C (100°F) 0-90% Relative Humidity
Size:	7" W x 1.5" H x 7" D (17.75 cm W x 4.45 cm H x 17.75 cm D), 1U half rack
Weight:	4 lbs. (1.8 Kg)
Environment/Shock:	0-90% relative humidity, non-condensing/20 g max vibration
Power Supply Compliance:	CE, UL, CSA, WEEE, RoHS

**Alcorn
McBride
Inc.**