

# GET VS4 - Four Channel Interactive Video Server

## Four Independent or synchronized MPEG-2 audio/video playback channels with high resolution video and CD quality audio.

- Less expensive than independent commercial DVD Players providing reduced cost on a per channel basis in multi-channel systems
- High reliability, easy control and very flexible
- Supports cross-channel "frame accurate" synchronization for both video and audio

The GET VS4 is a multi-channel, high resolution and CD quality MPEG-2 playback device, capable of decoding four MPEG-2 streams simultaneously to RGB, Component, S-video or composite outputs, with MUSICAM stereo audio. Standard 720 x 480 on-screen display. (Note - up gradable to 1080i)

The system includes an integrated show controller which supports a wide variety of museum and exhibit video applications for looping, language and multi-choice visitor interactives. Options include external show control features for theatre lighting and object theatre presentation as well as illuminated indicating push buttons.

Because of the advanced hardware decoding, provided by the Visual Circuits - Reeltime and/or Harmony decoder cards, the VS4 is particularly well suited for multi-channel systems requiring 4 streams of video and/or audio. An on-screen display allows graphics or test information to be overlaid on the video with varying degrees of transparency. The VS4 also boasts software-controlled frame-accurate cross-channel synchronization as well as play list support with seamless transitions between MPEG files.

Developed for industrial -strength museum applications, the VS offers a mix of features, reliability and flexibility unmatched within the industry.

Control of the VS4 is achieved through use of the an integrated control program that features play list for loops and a multi-file structure for visitor directed access.

Also interfaces to external show and exhibit controllers with a standard RS232 communications port. Ethernet port allows set up and services over LAN or service connection to the internet.

An optional feature is available which allows for clean switching between the audio/video output of the VS4 MPEG-2 playback and an external audio/video source. A genlock and black level clamp permits flawless switching between video sources. The video switch can be set to display the output of the board or an external video source. Each of the four channels can be controlled independently. While genlocked, if there is a loss of sync or sync disturbance in the external video, the circuitry will automatically insert the missing sync or instantly switch to an internally generated sync.

### Features

**Operating System:** Reliable and Robust operation system, recovers automatically from power failure.



**Media Capacity:** 32 Gig storage available for video content (hours of content) Up gradable to 120 Gig

**Playback Rate:** 30 fps NTSC; 25fps PAL

**Video Output:** Composite, S-video, RGB; Channel -by-Channel software selectable NTSC or PAL

**Audio Output:** MPEG-1, MPEG-2 stereo (CD-quality audio (MUSICAM))

**Decompression:** MPEG-1 ISO 11172 and MPEG-2 ISO 13818 audio, video and system bit streams; Decodes Main Profile at Main Level MPEG-2 streams; Decodes program or elementary audio and video streams.

**Genlocking:** An optional feature genlocks to external video sources; includes an A/V switch that selects MPEG-2 or external audio/video; volume and tone control.

**Chipset:** LSI 64002 MPEG decoder, 2MB RAM per channel

**Maximum Bit Rate:** 15 Mbps per channel, 40 Mbps total per system

**On-screen Display:** 16 colour GIF from 65K palette: Adjustable transparency levels

**A/V Breakout:** BNC x 4 configurable as Component, S-Video or Composite Video, 8 RCA for line audio

**CSA, ULC, UL Approved - Energy Star Compliant**

**3 Year warranty**



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**Orchestrating; Sight; Sound and Space**

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