

HD PLAYER MS9200P

The Electrosonic HD Player is used to playback High Definition (HD) digital video in many of the world's most demanding, captivating presentation environments including theme park rides and attractions, museum exhibits, interactive kiosks, Pre-Show and E-Cinema theater, Point-of-Purchase Retail, corporate lobbies and conference rooms.

Electrosonic's HD Player does more than just playback HD video. This player can synchronize the playback of HD video frame-accurately from multiple units; provide seamless transitions between video clips running in a loop; as well as produce a single "blended" image onto multiple screens from digital video playing from two or more HD Players.

The HD Player's rich feature set enables presentation designers to create innovative, eye-catching video displays, such as 360-degree theaters, custom proportioned displays, and massive projections onto the sides of buildings.

A built-in format converter ensures that the source content is optimized for each display format, eliminating the need for rescaling. The built-in decoder supports all common ATSC formats, as well as 16:9, 5:4, and 4:3 aspect ratios giving users the flexibility to bring HD to virtually any project.

With the HD Player, users can scale the input to match the size of the display panels served by the projector. So, if a non-standard display of 1600 x 1200 pixels is needed, the input can be scaled to fit this resolution while maintaining high-quality, sharp, crisp images.

Leveraging industry standard (MP@HL) MPEG-2, Electrosonic's HD Player produces SD (Standard Definition) and HD images that exceed ATSC quality. It supports 5.1 channel surround sound for a rich multimedia sound experience.

To satisfy the rigors of demanding, high-profile installations, the HD Players have been designed with an IP-based control protocol, and 80 Gigabytes of storage for the utmost in reliability, security, and performance.



MS9200P

FEATURES

- Decodes all common ATSC formats plus custom formats
- Output configurable to be 1080i or 720p plus custom formats
- Outputs YPrPb and RGB analog video
- HDSDI digital output
- Playlist support with seamless transition
- Frame Search
- 23.98 & 24psf playback
- Supports 1600 x 1200 UXGA files
- Genlock input for multi-channel and 3D systems
- Timecode reader/generator onboard
- Analog and Digital Audio Output
- AC3 stereo decode, or 5.1 through external decoder
- High Quality, ultra low noise PCB design
- Edge blending capability

HD PLAYER SPECIFICATIONS

DIGITAL VIDEO DECODER

- ISO/IEC 13818-2 MPEG2 Compliant Video Decoder supports MP@HL decoding.
- ISO/IEC 13818-1 Transport stream compliant
- All common ATSC compliant decode formats supported
- Better than ATSC quality using data rates up to 80Mbps

FLEXIBLE FORMAT CONVERTER

- High quality up / down converter of source video to selected display format.

VIDEO OUTPUT FORMATS

- SMPTE274M / SMPTE296M, Aspect Ratio 16:9, 4:3, 5:4
- 1600 x 1200, 1920 x 1080, 1440 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768, 960 x 720, 720 x 576, 720 x 480
- Frame rates: 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- *Other output formats can be accommodated

VIDEO OUTPUTS ELECTRICAL

- Analogue Output Color Space Support
SMPTE 170M, SMPTE 240M, ITU-R-BT-709
ITU-R-BT-470-2-SystemM, ITU-R-BT-470-2-SystemBG
- Primary Video Output
15 Pin D Type, 1V p-p RGB and YPrPb, 3.3V p-p HSync and VSync
- Secondary Video Output
15 Pin D Type, 1V p-p RGB and YPrPb z, 3.3V p-p HSync and VSync
Horizontal and Vertical Edge blending 1 – 255 pixels/lines
- HDSDI Digital Output
SMPTE 292M BNC
Horizontal and Vertical Edge Blending 1 – 255 pixels/ lines

*Contact Electrosonic for more information.

AUDIO PROCESSING

- Stereo decode built in
- 5.1 Digital Audio (external AC3 decoder required)
- Sampling Rate 48KHz, Audio Bit Rate 384Kbps

AUDIO OUTPUTS

- Digital Audio IEC – 61937 (SPDIF)
Audio Output Impedance 600 ohms, RCA Phono

SYSTEM CONTROL AIDS

- GENLOCK CONTROLS
Video Black And Burst 1V p - p BNC, ES-Gen In/Out H 6 Pin Mini Din
Timecode Input
SMPTE, EBU, Film (24fps), Input Connector 4 pin MiniDin (RCA Phono)
Input Impedance 600 ohms, Input Level >100mV p-p
Timecode Output
SMPTE, EBU, Film (24fps), Output Connector 4 pin MiniDin (RCA Phono)
Output Impedance 600 ohms, Output Level 1V p-p

SHOW CONTROL

- Simple remote control using RS232 and TCP/IP
- Each system is provided with comprehensive documentation

PHYSICAL

- MS9200P: 5.5" (3U)-Height x 19"-Width x 20.5"-Depth, Weight: 35 lbs.

ELECTRICAL POWER

- Auto Sensing PSU 120/240 50/60Hz 250W

ELECTROSONIC MEDIA NETWORKS DIVISION

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Electrosonic Media Networks is a division of Electrosonic Systems-a worldwide leader in video systems integration-the Media Networks team has provided pioneering digital video products and systems to video professionals for 15 years.

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