

Event Video Player

EVP380

*Ensure a perfect synchro between DMX512/
Art-Net cues and media*



Show control player / audio / video all-in-one

The Event Video Player offers a unique and full broadcast solution for show control (DMX512 output, Art-Net output, output contacts and RS-232 commands) in perfect synchronization with the playback of audio / video files up to 4K HDR10 resolution.

Thanks to HTML5 / JavaScript engine, you enrich your video content with dynamic graphical interfaces. And you easily create web remote control.

The player provides line-level and speakers audio outputs suitable for all types of installations.

Many triggering and scenario possibilities

The screenplay is carried out thanks to numerous interfaces: autoplay, input and output contacts, Art-Net or DMX512 commands, multi-touch screen, TCP/IP or HTTP commands, serial link, time programming.

Go even further by developing your HTML applications with the player control JavaScript API. And build easily user interfaces for the audiences.

Reliable and easy-to-install

Record directly your DMX512 or Art-Net show from your console or usual software, or create your show from our Show Control Editor.

You reduce your time during integration, EVP380 is rack mountable. Direct access to the content makes updates fast and intuitive.

Event Video Player is designed for 24/7 operation.

Event Video Player is designed and manufactured in France, it comes with a 3 year warranty.



Applications:

- ✓ Theme parks, escape games: complete show management
- ✓ Heritage: night walks, light shows, christmas show.
- ✓ Fitness: immersive scenes.
- ✓ Retail: theatrical staging of stores.



Monitor your players,
update your playlists
with Wavespark, our
cloud solution




waves system
smart solutions for creative people

Interfacing and connectivity

- Backlit LCD display – 2 × 16 characters
- Status LED
- Clickable knob (volume / system information)
- Infrared sensor
- 2 USB host 2.0 «High Speed» (480 Mb/s), type-A, compatible:
 - USB Mass Storage
 - USB HID mouse, keyboard and multi-touch screen
 - USB Audio Class 2.0*
- MicroSD card slot
- 10/100 Mbps ethernet, RJ45 connector
- HDMI audio/video output, type-A (HDMI 2.0b, HDR10, CEC)
- Unbalanced line-level stereo audio output on standard RCA connectors
- Class D amplified speaker stéréo audio output- pluggable terminal blocks
- DMX512 output, on a female XLR3 connector, isolated
- DMX512 input, on a male XLR3 connector, isolated
- External DC power supply chassis socket (∅ 2,1 / 5,5 mm)
- On pluggable terminal blocks:
 - 1 standalone configurable opto-isolated input contact
 - 8 combined configurable opto-isolated input contacts
 - 8 MOSFET output (500 mA per output, max 20 V)
 - RS-232 serial link (from 1200 up to 115200 bauds)
 - 4 additional power supply outputs dispatched
 - 5 V DC (500 mA) output

*Qualified with Scarlett USB interfaces from Focusrite

Output video formats supported

- 4K Ultra HD (3840 × 2160), 24/25/30/50/60 Hz
- 1080p (1920 × 1080), 24/50/60 Hz
- 1080i (1920 × 1080), 50/60 Hz
- 720p (1280 × 720), 50/60 Hz
- 576p and 576i (720 × 576), 50 Hz
- 480p and 480i (720 × 480), 60 Hz
- Main progressive scan VESA resolutions up to 2560 × 1600, 60 Hz
- Dynamic range: HDR10 compatible

Supported multimedia container formats

- **Video:** .mp4 / .mkv / .mov
- **Picture:** .jpg or .jpeg / .png / .bmp
- **Audio:** .wav / .mp3 / .m4a / .ogg / .mka
- **Subtitles:** .srt / .ssa / .ass / .vtt / .ttml / .dfxp

Supported multimedia codecs

- **Video:**
 - H.265 HEVC MP-10@L5.1 up to 4K×2K@60fps
 - VP9 Profile-2 up to 4K×2K@60fps
 - H.264 AVC HP@L5.1 up to 1080p@60fps and 4K×2K@30fps
- **Picture:**
 - JPEG / PNG / BMP
- **Audio:**
 - LPCM / MP3 / AAC-LC / HE-AAC-LC / Vorbis / Opus / FLAC / AC3 Dolby Digital: up to 8 channels, 24-bits and 96kHz
 - DTS / AC3 Dolby Digital / E-AC3 Dolby Digital+: passthrough HDMI
- **Subtitles:**
 - TXT / XML



waves system

smart solutions for creative people

14 Rue Philippe Lebon, 44980 Sainte-Luce-sur-Loire – France
Tél : +33 (2) 40 78 22 44 – sales@wsystem.com – www.waves-system.com

Embedded web browser

- Based on Chromium v92.0.4515.159
- JavaScript API to control the player
- Web page resolution: 1920x1080

Storage devices

- File systems supported: FAT32 / exFAT / NTFS / ext2/3/4
- USB flash drives and microSD/microSDHC/microSDXC cards
- Internal storage: 4 Go

Show control

- Playback and recording of show control file
 - Up to 64 Art-Net universes
 - A DMX512 universe
 - 8 output contacts and send serial frames
- Real time preview mode
- Art-Net / DMX512 node to DMX512 output
- Configurable recording control conditions
- Configurable show delay from 0 up to 2000 ms

Network

- Embedded web server:
 - Serve HTML5/JavaScript pages
 - Remote administration: configure, control, update and maintenance
 - Control the player through a REST API
- Wavespark cloud service: configure, control, update and maintenance
- Embedded PJLink server to turn on and turn off a video projector
- Embedded FTP server for remote content update
- Embedded TCP/IP server for player control
- Art-Net 3
- Embedded NTP client to synchronize the clock
- IPv4 and IPv6 / IPv4: static or DHCP address
- Embedded mDNS identification service (Zeroconf)
- Multicast «Start Synchro» facilities over UDP

Audio amplifiers

- Speaker output:
 - 2 × 8 W – 8 Ω, THD+N = 1 %, 1 kHz
 - 2 × 10 W – 8 Ω, THD+N = 10 %, 1 kHz
 - 2 × 15 W – 4 Ω, THD+N = 1 %, 1 kHz
 - 2 × 19 W – 4 Ω, THD+N = 10 %, 1 kHz

Misc.

- Power supply: 12 V DC
- Timekeeping when the player is not powered: up to 2 months
- Watchdog to automatically restart on system failure
- Operating temperature / storage: 0 to +60°C / -20 to +60°C
- Width: 140 mm – 1/3 of a 19-inch rack – Height: 43 mm – 1U
- Depth (with the pluggable terminal blocks): 136 mm
- Weight: 446 g

