

Show control player

for audio, 4K video and DMX/Art-Net

An all-in-one system meeting the needs for screening, sound, and light and motion management

Specially designed for today's multi-sensory projects including video, sound, lights, motion control or scent spreading.

A large spectrum of usages is possible: showcase heritage, a piece of art; bring a shop window to life, control an aquatic show, create an escape game scenario, etc., among other things...The Event VideoPlayer technology allows you to master the sound, light and video elements to generate special effects before, during, and after the show.

Configurable and standalone thanks to playback scheduling, the Event VideoPlayer also features autoplayer after power-on and flexible interactivity supporting push-buttons, motion sensors, Ethernet and RS-232.

Ease your installations with the use of the built-in amplifier and simply connect passive speakers.

An efficient and reliable, easy-to-use technology

An inventive content structure system shapes the playback thanks to the use of a simple file manager in order to name the files and folders. Many options are available for a large variety of applications, from the simplest one to the most complex.

Thanks to the ID-AL Show Control Editor software, the design of your light show becomes intuitive and easy to sync with sound and video files. The Event VideoPlayer can record shows and play them back at a later time thanks to a console connected to its DMX input or with lighting software using the Art-Net network protocol.

Designed and manufactured in France, the Event Video Player EVP380 benefits from a 3-year warranty.



Event Video Player is recommended for various usages:

- Entire show with video screenings on building facade or object, and with sound and light management
- In-store events, attractive shop windows
- Fairs, malls, exhibition centres
- Historical and cultural Heritage showcasing
- Musical fountains
- Special effects in castles or escape games

Fonctionnalités principales :

- Player for audio + 4K video + DMX
- DMX/Art-Net recorder
- Ethernet and RS-232 control
- Interactivity 8+1 input / 8 output
- Audio and amplified output
- 4GB internal storage or USB flash drive or micro SD playback
- Synchronisation of a group of players
- Playback scheduling

3 Warranty
Years / Ans
Garantie



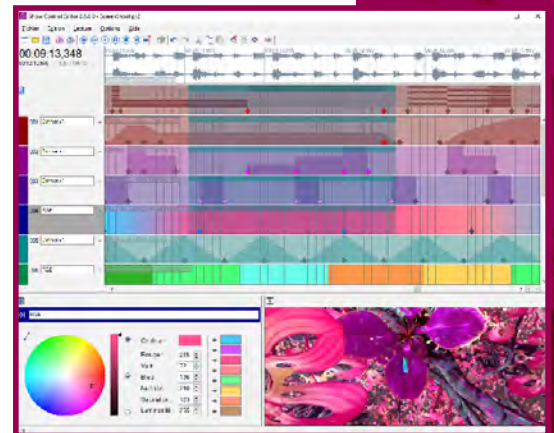


SHOW CONTROL

The shows played with the EVP380 can drive standard DMX512 devices, control output contacts, and send serial frames, in sync with audio/video playback.

Perform video, sound, and light shows, showcase heritage, pieces of art, historical buildings, or model and craft displays, bring to life shop windows, or manage musical fountains by combining picture, sound, light, and motion with the control of motors, electromagnets, pumps, or olfactory systems, etc.

With the supplied Show Control Editor software, easily design your show on your computer. It is also possible to record your show from a DMX console or a lighting software.



ID-AL Show Control Editor software



INTERACTIVITY

The Event Video Player can react to various event sources, such as motion sensors, push-buttons...

The programming of interactivity for the inputs and the outputs is easy to set up and versatile, thus allowing to play audio, vidéo, ... in various contexts.

The EVP380 offers 8 input contacts (up to 255 combinations), as well as 8 output contacts that allow to switch lights, to control other devices, or to drive electromagnets to bring characters to life.



SYNCHRONISATION

Groups of players can be established over a network for playback synchronisation, which is enforced each time the playback of a file starts.

Each player can be configured to either control the sync or to be controlled by another player.



ETHERNET AND SERIAL LINK

The Event VideoPlayer can use the network for various features, such as updating its storage contents (USB, microSD, internal memory) through FTP, receiving TCP commands (playback and volume control, etc.), playback synchronisation, and updating its firmware.

The RS-232 serial link allows to control video projectors or any other devices supporting this protocol, or to receive commands from a PLC or another player

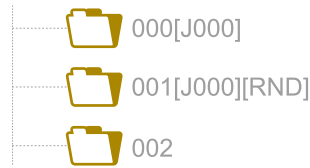
PLAYBACK BEHAVIOUR



The programming of the playback behaviour of the EVP380 is designed to be easy-going and not to require any additional software.

It is defined by the naming of the files and folders on the chosen storage device, which requires only a file manager readily available on any computer.

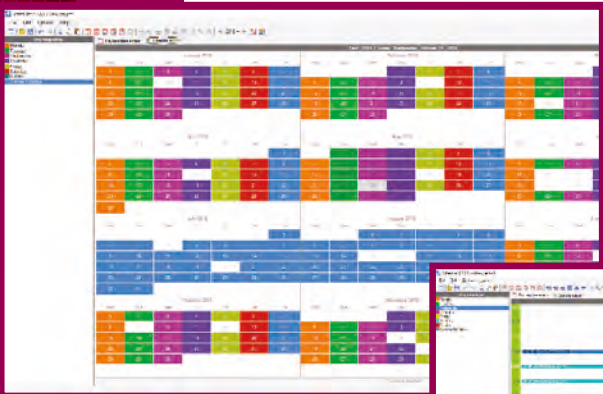
The naming is composed of a number followed by the optional parameters and the name of your choice.



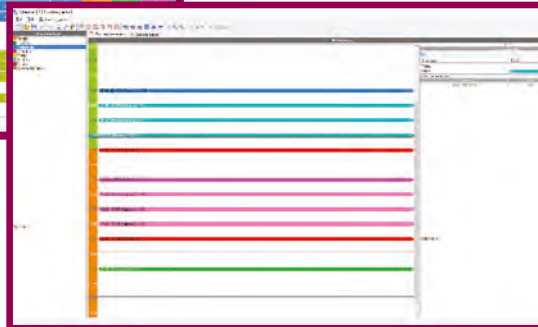
Files naming

The optional parameters, named tags, allow many control possibilities, such as playback on a loop, random playback, volume control, control of the output contacts, sending an RS-232 command, etc.

PLAYBACK SCHEDULING



ID-AL Scheduler software



The Event Video Player allows to schedule playback commands thanks to a feature called «Scheduler», based on the ID-AL Scheduler software and the internal clock of the player.

In this software, typical days have to be created by placing playback commands at specific times.

These typical days can then be placed on a calendar according to the required repetition patterns (e.g., every Monday and Tuesday).

The resulting file then has to be copied on the storage device of the EVP380.





SHOW CONTROL



UHD HDR



4GB FLASH



INTERACTIVITY



SCHEDULING



CONNECTED



SYNCHRONISATION



AMPLIFIED

EVENT VIDEO PLAYER

INTERFACE AND CONNECTIONS

- LED status indicator
- Clickable knob (volume)
- Infrared sensor - Protocol: NEC
- HDMI Type-A receptacle connector (HDMI 2.0b, HDR10 and CEC)
- 2 USB Host 2.0 High Speed (480 Mb/s), type-A receptacles
- DMX512 Input and output XLR 3 points connector
- microSD card slot
- 10/100 Mbps Ethernet, RJ45 connector
- 0 dBu unbalanced line-level stereo audio output on standard RCA
- Speaker stereo audio output on 3.81 mm pluggable terminal blocks
- 8 + 1 configurable opto-isolated inputs on a 3.81 mm pluggable terminal block
- 8 MOSFET outputs (500 mA per output, max 20 V) on a 3.81 mm pluggable terminal block
- RS-232 serial link on a 3.81 mm pluggable terminal block (9600, 19200, 38400, 57600, or 115200 bauds)
- 3 additional power supply outputs on the pluggable terminal blocks
- 5 V DC (500 mA) output on a pluggable terminal block
- External DC power supply chassis socket – Plug Ø 2.1 mm / 5.5 mm

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 et 576i (720 × 576), 50 Hz
- 480p et 480i (720 × 480), 60 Hz
- Dynamic range: HDR10 compatible

MULTIMEDIA CONTAINER FORMATS SUPPORTED

Video : .mp4 (MPEG-4) / .mkv (Matroska) / .mov (QuickTime)

Image : .jpg or .jpeg / .png / .bmp

Audio : .wav / .mp3 (MPEG-Layer 3) / .m4a (MPEG-4 Audio) / .ogg

MULTIMEDIA CODEC SUPPORTED

Video :

- H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps
- VP9 Profile-2 up to 4Kx2K@60fps
- H.264 AVC HP@L5.1 up to 1080p@60fps and 4Kx2K@30fps

Picture : JPEG (ISO/IEC-10918) / PNG / BMP



Audio :

- WAV : mono / stereo, LPCM up to 24 bits@96kHz
- MP3 : MPEG-1/2 Audio Layer III, mono / stereo, 16 bits up to 48kHz@320kbit/s, CBR (Constant Bit Rate) ou VBR (Variable Bit Rate)
- AAC-LC : Mono / stereo up to 96kHz@512kbps.
- HE-AAC-LC : Mono / stereo up to 96kHz@512 kbps.
- Vorbis : mono / stereo up to 48kHz@350kbps.

STORAGE DEVICE TYPES

- microSD / SDHC cards
- USB flash drives
- 4GB internal storage

NETWORK

- Embedded FTP server for remote content update
- Embedded NTP client for clock update
- Static or DHCP address
- Embedded mDNS identification service (Zeroconf)
- Multicast "Start Synchro" facilities over UDP
- Art-net protocole for DMX512 data distribution

AUDIO AMPLIFIER

Speaker output (class D) :

- 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

MISCELLANEOUS

- Nominal voltage: 12 V DC - 2A
- Timekeeping when the player is not powered: up to 2 months
- Operating ambient temperature: 0 to +40 °C
- Storage temperature: -20 to +60 °C
- Width: 143 mm - 1/3 of a 19-inch rack / Height: 44 mm - 1U
- Depth (with terminal block connectors): 140 mm
- Weight: 480g

ACCESSORIES

- Rack support 19" - 1U
- Support plate for wall or table mounting
- Sensors and push buttons



SR6



SR7

ID-AL a trademark of Waves System

La Ville en Bois - 44830 BOUAYE - FRANCE

Tel : +33 (0) 2 40 78 22 44 · info@id-al.com · www.id-al.com