



waves system

smart solutions for creative people

September 2020

WHO ARE WE ?

Established in France, Waves System develops solutions for creatives ones. We are specialized in interactive AV equipment for museums, cultural places, theme parks as well as retail.

Our interactives audio/video players and our HyperSound®, ultra-directional speakers, are designed and manufactured in France. Our distribution network covers 40 countries.

Waves System also designs bespoke audio/video solutions for manufacturers who wish to enrich their products by making them interactive (touchscreens, audio terminals, POS, etc.).



Sales Department
sales@wsystem.com



Technical Service
support@wsystem.com



**AUDIO
PLAYERS**



**VIDEO
PLAYERS**



SHOW CONTROL



SPEAKERS



**AMPS AND
SENSORS**



BESPOKE

YOUR APPLICATION



- Video display
- Audio kiosks
- Public address



- Background music
- Visual Merchandising
- Kiosks



- Lighting show
- Illuminations/fountains
- Video shows



- Scenography
- Special effects
- Escape games

A person with dark hair tied back, wearing large black headphones and a white and black striped shirt, is seen from behind. They are looking at a large framed painting of a landscape. The painting depicts a dark, silhouetted landscape with bare trees and a castle or ruin in the distance. A teal-colored rounded rectangle is overlaid on the right side of the image, containing the text 'AUDIO PLAYERS' in white. In the top left corner, there is a decorative pattern of white dots of varying sizes, some of which are arranged to form a faint outline of a map of Europe.

AUDIO PLAYERS



MY MUSIC **PLAYER**



MY MUSIC **PLAYER LE**



MY MUSIC **PLAYER**

Composed of two audio players, this range is dedicated to the background music management for a non-stop operation in public places.

- Local/remote content playback
- Message insertion
- Playback and update scheduling

Characteristics	MyMusicPlayer	MyMusicPlayerLE
WAV and MP3 files playback (44,1 / 48 kHz - 16 / 24 bits)		
Storage devices	SD / USB	USB
Ethernet FTP / serveur web / NTP / TCP/IP	✓	✓
Streaming / Autoplay / Timestamped Prog / Content update system	✓	✓
Audio output	RCA / XLR	RCA
Auxiliary audio input	RCA	-
RS-232 control	✓	-
Amplified speaker output	-	2 x 10 W 8 Ω @ THD+N 10 % 2 x 10 W 4 Ω @ THD+N 0,12 %



Webradio



.WAV, MP3
.M3U



Ethernet



SD card, USB
flash drive



Scheduler

AUDIO PLAYER

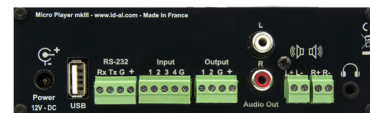
Three models with distinct specifications make up a range of audio players that comes within the scope of very varied installations.

- On-demand triggering
- Wide possibilities of playback scenarios
- Headphone output and amplified output

The players can be installed simply and quickly thanks to suitable connectors.

Specifications	NanoPlayer Box	ChronoPlayer mkII	MicroPlayer mkIII
WAV and MP3 files playback (44,1 kHz - 16 bits) / Autoplay function			
Storage devices	SD	SD / USB	SD / USB
Input contacts	1	8	4
Output contacts	2	-	-
Timestamped programming	-	✓	-
RS-232 control	-	✓	✓
Amplified speaker output	2 x 10 W 8 Ω @ THD+N 10 % 2 x 19 W 4 Ω @ THD+N 10 %		-

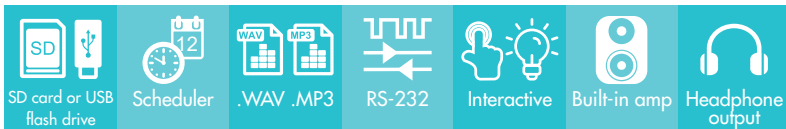
MICRO PLAYER_{mkIII}



CHRONO PLAYER_{mkII}



NANO PLAYER_{BOX}

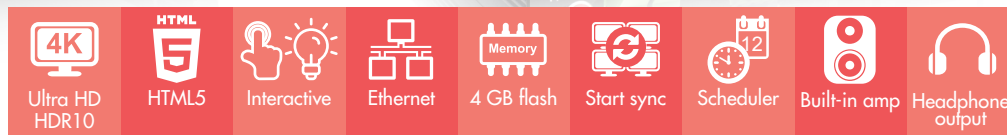


[illegible]

MY VIDEO **PLAYER** VP320



MY VIDEO **PLAYER** VP330



MY VIDEO **PLAYER**

The VP320 and VP330 are 4K AV players dedicated to museums, digital signage and public places. The HTML engine allows to make more dynamic content.

- Triggering by dry contacts, by touchscreen or with an automaton
- Perfect loop, random playback, scheduled playback
- Compatible with all types of screen



VP320	VP330
MKV / MP4 / MOV / JPEG / PNG / BMP / WAV / MP3 / M4A / OGG files playback	
Ethernet: FTP / NTP / TCP/IP	
Storage devices: microSD / 2 x USB	
Size: 1/3 rack 19"	
Amplified speaker output : 2 x 10 W 8 Ω @ THD+N 10 % 2 x 19 W 4 Ω @ THD+N 10 %	
1 input contact	8+1 input contacts
-	8 output contacts
-	RS-232 control

A night scene of a fountain with colorful water jets. The water is illuminated with blue, purple, and red lights. The jets are reflected in the water below. A purple rectangular box with rounded corners is overlaid on the right side of the image, containing the text "SHOW CONTROL" in white, bold, sans-serif capital letters.

SHOW CONTROL

EVENT VIDEO **PLAYER**

The EVENT VIDEO PLAYER EVP380 is designed to create multisensory experiences for show control combining image, sound, lighting control, and interactivity.

- Player synchronisation
- DMX512 and Art-Net recording
- Management of motors on MOSFET outputs

For edutainment, escape games, amusement parks or events, the EVP380 show controller is an affordable all-in-one solution.

MKV / MP4 / MOV / JPEG / PNG / BMP / WAV / MP3 / M4A / OGG
files playback

Ethernet : FTP / NTP / TCP/IP / Art-Net

Show Control (DMX + Outputs + RS-232)

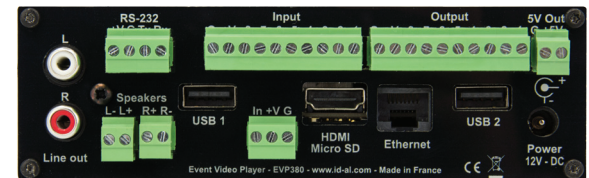
Storage devices : microSD / 2 x USB

Size : 1/3 rack 19"

8+1 input contacts + 1 DMX512 input + 8 output contacts

Amplified speaker output :
2 x 10 W 8 Ω @ THD+N 10 %
2 x 19 W 4 Ω @ THD+N 10 %

EVENT VIDEO **PLAYER** EVP380



Show
control



Ultra HD
HDR10



HTML5



Interactive



DMX512



Art-Net



Ethernet



RS-232



4 GB flash



Start
sync



Scheduler



Built-in amp

EVENT **PLAYER** MKII EP220



EVENT **PLAYER** MKII EP230



EVENT **PLAYER**

Designed for heritage promotion and animation in public places, the EVENT PLAYER MKII range is efficient, reliable and cost-effective. These products can synchronize audio playback with lighting control and dry contact triggering.

- Audio/DMX512/contact sync for show control
- Built-in amplifier
- DMX output and by contacts

Specifications	EP220	EP230
WAV and MP3 files playback	✓	✓
Show Control (DMX + Outputs)	✓	✓
Input contacts	1	8+1
Output contacts	-	8
RS-232 control	✓	✓
Ethernet (FTP / web server / SNTP)	✓	✓
Auxiliary audio input	✓	✓
Size	1/3 rack 19"	1/3 rack 19"
Other functions	LCD	LCD / Ext IR / USB-DMX
Amplified speaker output	2 x 10 W 8 Ω @ THD+N 10 % 2 x 19 W 4 Ω @ THD+N 10 %	



Show control



Interactive



DMX512



Ethernet



RS-232



Scheduler



SD card or
USB flash drive



Built-in amp

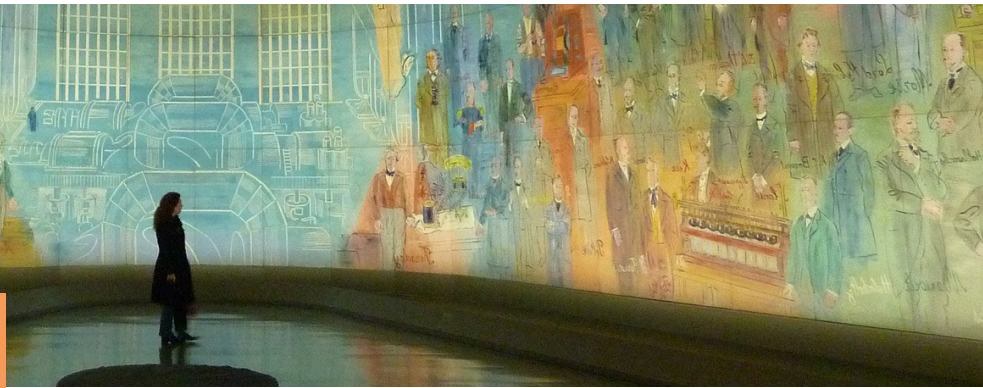
CONTACTLESS SENSORS

These small sensors are discreetly installed and put the public at the heart of an interactive experience.

With SENSO PAD turn any insulated surface into a button.

The IR PAD is an infrared presence sensor.

PB 22 IR is a dry contact triggered by your hand with a detection range of 20 cm.



SENSO PAD



IR PAD



PB 22IR



A close-up, black and white photograph of a speaker. The main focus is on the large, black, circular woofer cone. In the upper right, a smaller, white, circular tweeter is visible. The background is a light gray with a pattern of small white dots. An orange rectangular box with rounded corners is positioned over the right side of the speaker.

SPEAKERS



HyperSound® delivers sound in an ultra-directional way. This system is the most compact of the market for this sound pressure level.

- Precise audio beam
- 3D sound effects
- Immersive acoustic experience

The message delivered is clear, even at a great distance or in a noisy environment.

The solution is ideal for visitor experience in museums, theme parks and sales areas.

HSS-3000





VIBRO GLASS



MONO EARPHONE



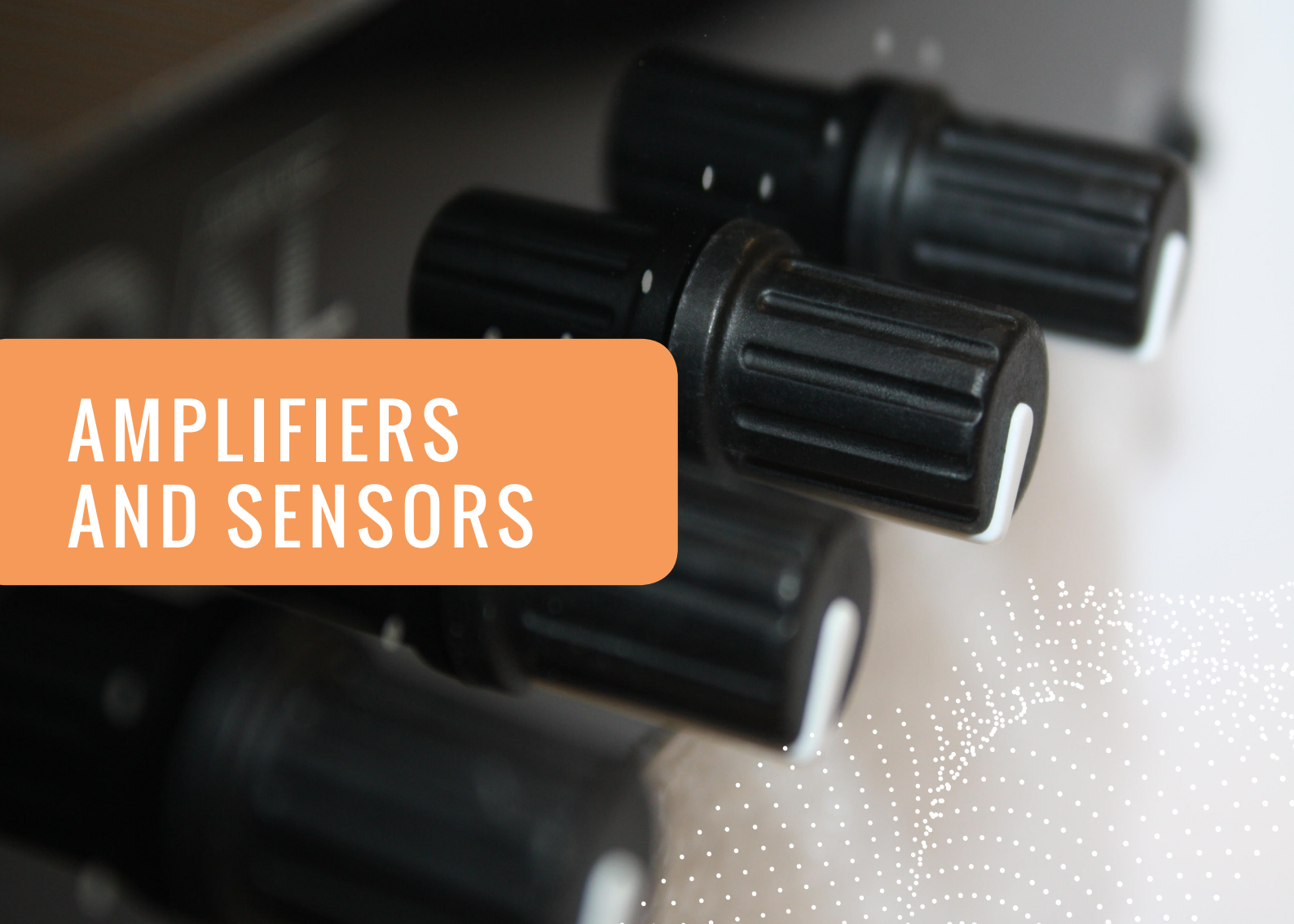
VIBRO PAD



SPECIAL SPEAKERS

The VIBRO GLASS and the VIBRO PAD are sound exciters transforming surfaces into powerful sound sources. The VIBRO GLASS is particularly suitable for glass, wood, and BA13, whereas the VIBRO PAD is suitable for light materials such as cardboard.

The MONO EARPHONE is a handset that allows a quality proximity listening. Practical and easy to handle, its design fits perfectly in all public places. Its cast-aluminium structure is very robust.

A close-up photograph of several black potentiometers (variable resistors) mounted on a dark circuit board. The potentiometers have a cylindrical body with a ribbed texture and a white indicator line. An orange rounded rectangle is overlaid on the left side of the image, containing the text 'AMPLIFIERS AND SENSORS' in white, bold, sans-serif capital letters. The bottom right corner of the image features a decorative pattern of small white dots.

AMPLIFIERS AND SENSORS

MICRO AMP1



MICRO AMP2 MKII



MICRO AMP4 MKII



MICRO AMP4/2



AMPLIFIERS

The range of amplifiers for speakers and headphones is compact, powerful and versatile.

The MICRO AMP range offers an uncompromising audio quality over the entire bandwidth, with powerful bass and precise treble.

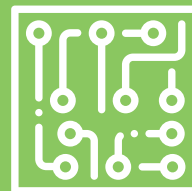
Specifications	MicroAMP 1	MicroAMP 2 mkl	MicroAMP 4 mkl	MicroAMP 4/2
RS-232 control	✓	-	-	-
Volume control by contact	✓	-	-	-
Audio output aft. processing	✓	-	-	-
Stereo headphone output	1	1	4	2 x 2
Stereo speaker output	1	1	-	-
Volume control	1 speaker volume and 1 headphone volume		1 volume by headphone output	
Sound processing	EQ / Pan / Gain	-	-	-
Size	1/3 rack 19"			
Amplified speaker output	2 x 10 W 8 Ω @ THD+N 10 % et 2 x 19 W 4 Ω @ THD+N 10 %		-	-
Amplified headphone output	2 x 110 mW 32 Ω @ THD+N 10 % et 2 x 325 mW 8 Ω @ THD+N 10 %			

BESPOKE



French designer and manufacturer of immersive audio and video devices referenced internationally, **Waves System brings your ideas to life.**

Waves System drives the whole **development process of your project** and ensures that deadlines are met.



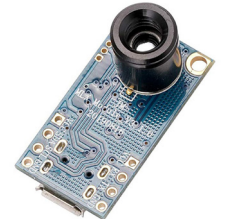
Waves System **masters the industrialization process** and the ramp-up.

L A S T PRODUCTIONS



Test the audio/video system you want in an electronic store. Our solutions are flexible and fit with all USB types.

Hang over an object and IR CAM can detect it a few meter away with great precision.



Install digital signage or audio system in your products. We adjust our solutions for your application.



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