AP420
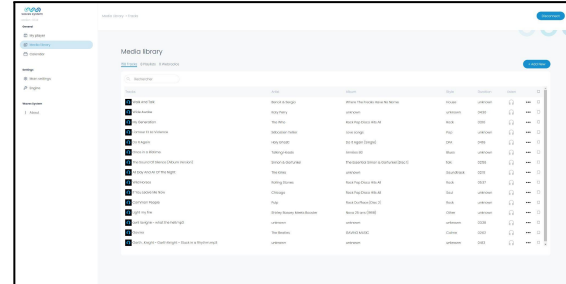
Public address audio player

The most intuitive audio player for background music and messages automation

Professional player for background music and messages

Schedule and broadcast any audio streams: your webradio / local playlists / NAS.

24/7 secured broadcast with our **Continuum** proven technology.

Two audio layers for mixing music and messages.

Manage your content with the web administration

Manage your broadcast with an easy to use embedded CMS especially designed for a daily experience.

Adapt instantaneously your communication with our intuitive interface.

Succeed in all use cases

Connect your player to a NTP server or use it offline.

Power with 12V or 24V.

Control your player through GPI.

Close output relays during message broadcast.

Pro Audio quality

Professional audio DAC 24 bits/96 kHz.

USE CASES

Reliable audio solution for music providers to broadcast background music, messages, advertising.

State of art and complete audio source for all public address contracts.

Robust priority messaging system for schools, hospitals, warehouses and institutions.

made in France

3 years warranty

waves-system.com

AP420

Interfacing and connectivity	• Standby / Power multi purpose switch • Status LEDs (Network, Activity) • MicroSD card slot • Unbalanced line-level stereo audio output on standard RCA connectors (configurable level -10 dBv to +4 dBu) • 10/100 Mb Ethernet on RJ45 connector	• 3 USB Host 2.0 High Speed (480 Mb/s), type-A receptacle • 1 input contact on 3.81 mm pluggable terminal block • 2 MOSFET relays (normally open - 2A per output, max 24 V) on 3.81 mm pluggable terminal block
Audio	• High quality DAC - SNR>=96 dBa • Sample rate: up to 96kHz • Bit depth: 16/24-bit • Supported audio file formats: MP3, AAC, ALAC, FLAC, WAV, AIFF, Vorbis	• Support audio stream types: Icecast, shoutcast • Audio source layering and Priority management • Continuum feature: endless 24/7 secured broadcast
Storage device	• USB flash drives and micro SDSC/SDHC/SDXC cards • File systems supported: FAT32 / exFAT / NTFS / ext3/4 • Internal storage: 4 Gb, extension option	
Network	• Embedded remote administration • Configure, control the player and content update • Embedded TCP/IP / UDP server for player control • Embedded NTP client to synchronize the clock • IPv4 and IPv6 • IPv4: static or DHCP address • Supported secure protocols: HTTPS, SSL...	
Wavespark	• Multi-device / multi-account supervision • Configure, control the player and content update • Media library and playlists management • Scheduling	
Misc.	• DC Power supply 9V to 24V - Plug Ø 2.1 mm / 5.5 mm • Precise built-in clock • 19-inch / 1U rackable, accessory in option • Width: 192 mm • Length: 129 mm • Height: 44 mm – 1U • CE, FCC	