Public address audio players
AP420 / AP420 Wireless +

The most handy range of audio sources for background music and messages

AP420/AP420 Wireless +

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 an intuitive experience.

Adapt instantaneously your communication with our intuitive interface.

Manage your inventory from the web with Wavespark

Supervise your fleet at a glance.

Broadcast your favourite audio playlists in all your stores.

Organise your playlists and schedule their broadcast.

Succeed in all use cases

Connect your player to a NTP server or use offline.

Power with 12V or 24V.

Control your player through GPI.

Control your amplifier with the output relays.

Pro Audio quality

Professional audio DAC 24bits/96 kHz.

Audio processing capabilities.

	AP420	AP420 Wireless+
Wifi / Bluetooth	–	✓
GPI	1	1
GPO	2	2

3 YEARS WARRANTY

MADE IN FRANCE

waves system
smart solutions for creative people

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
- AP420 only :
  - 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
- AP420 Wireless + only :
  - Wifi 802.11 b/g/n
  - Bluetooth 4.2

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 type: 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

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
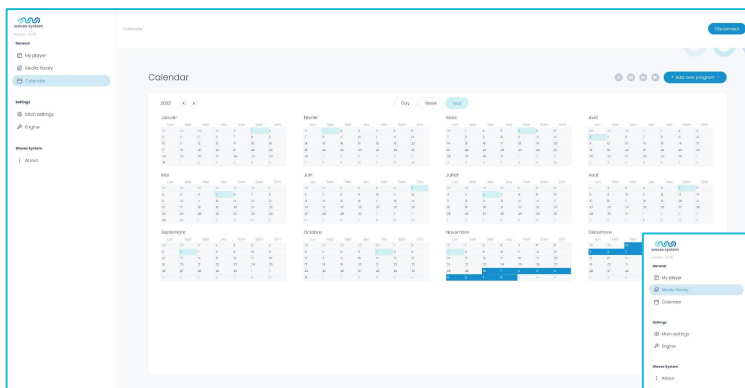- Supported secure protocols: HTTPS, SSL...

WAVESPARK

- Multi-device / multi-account supervision
- Configure, control the player and content update
- Media library management
- Playlists creation
- 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

AP420/AP420 Wireless +

AP420 Web administration

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