

## PLAYER ZERO

### MUSIC SOURCES

*Streaming & Media Audio Player*

### PRODUCT OVERVIEW

PLAYER ZERO is a compact audio player with a stereo output that can play music contents from local storage media (USB/MicroSD card), Internet streams or digital sharing streams (DLNA and Airplay compatible). Fully configurable through web application (point-to-point or through the same LAN). It includes Ethernet port, Wi-Fi connection, and USB and MicroSD reader slots.



### KEY FEATURES

- Single-deck audio player
- Stereo output, RCA connectors and mini-jack
- Internet streaming receiver
- Digital sharing streams receiver (DLNA and Airplay)
- Local media player (from USB and SD card slots)
- Programmable and controllable via embedded web app
- Remote management through [Ecler Gallery](#).
- Remote control via [RePLAYER app](#)
- 2 GPI control ports to trigger events (priority message playback, music playlist load, preset activation, MUTE function, etc.)
- Calendar events trigger, synchronization of contents hosted in the cloud (Cloud Disk Sync) and execution of "scripts" (files of instructions written by the user, Lua language – [www.lua.org](http://www.lua.org)).
- Compatible with the JSON protocol.

### APPLICATIONS

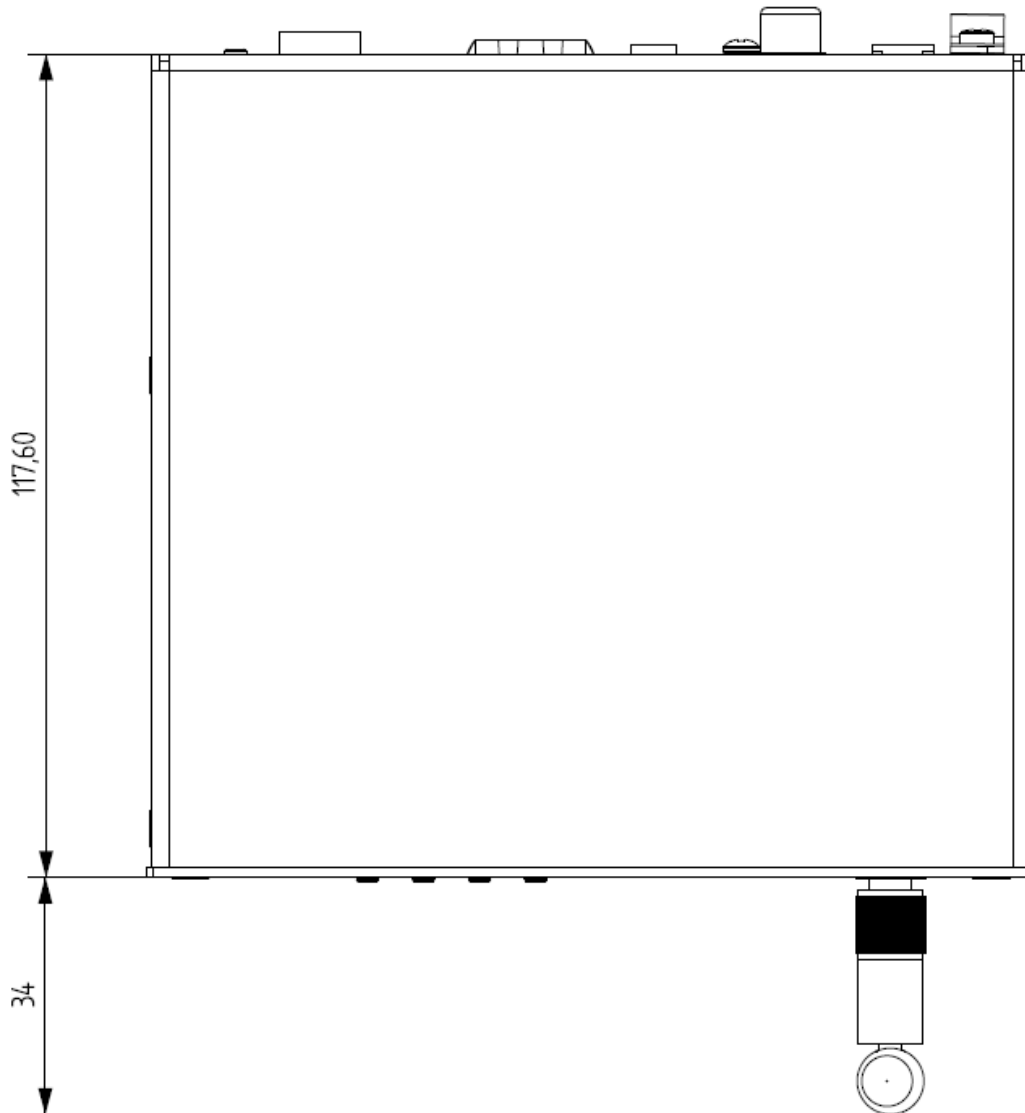
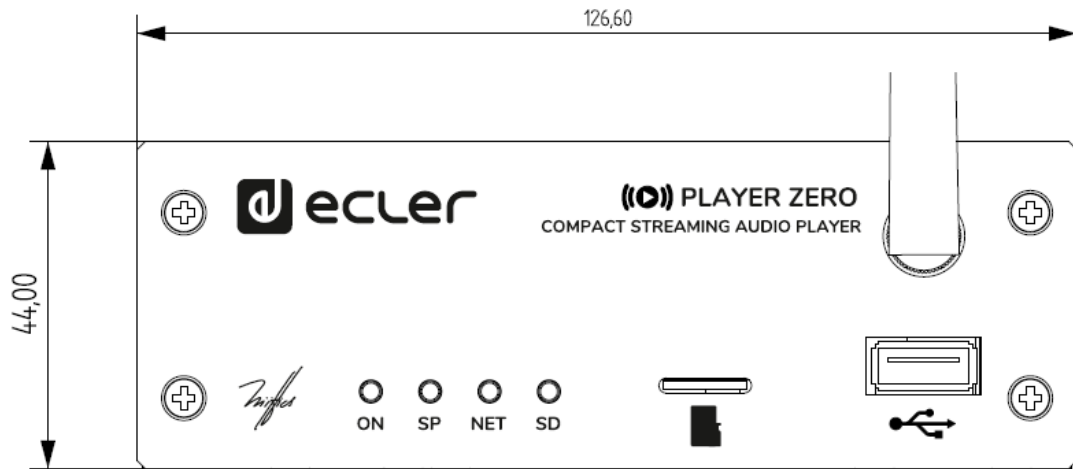
- Audio sound source in A/V corporate, retail and education applications
- BGM & Paging solutions, with message triggering and program BGM
- Integration in installation global control systems

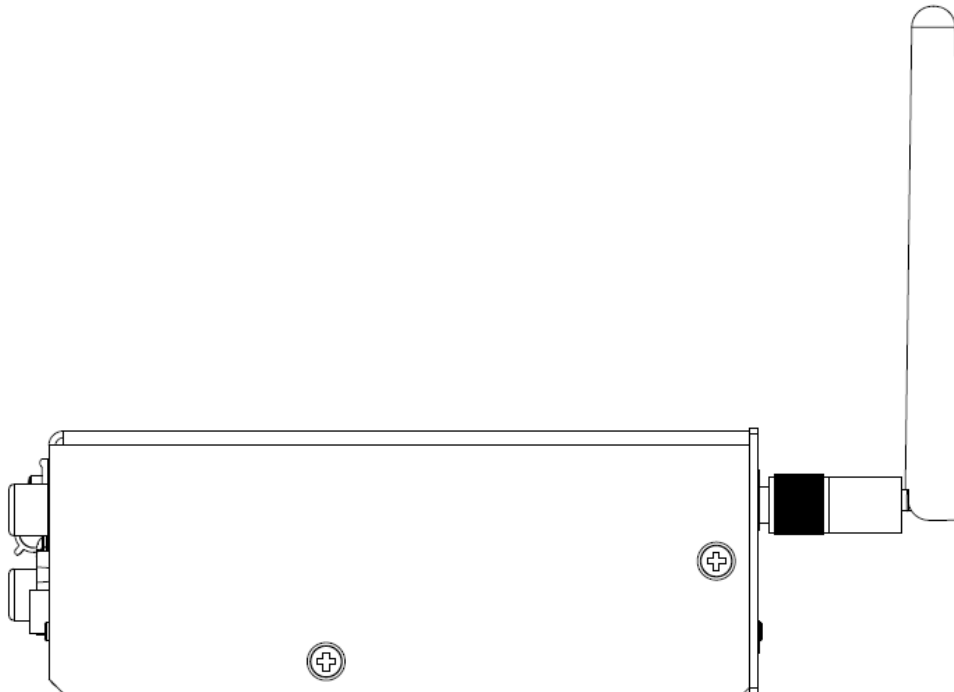
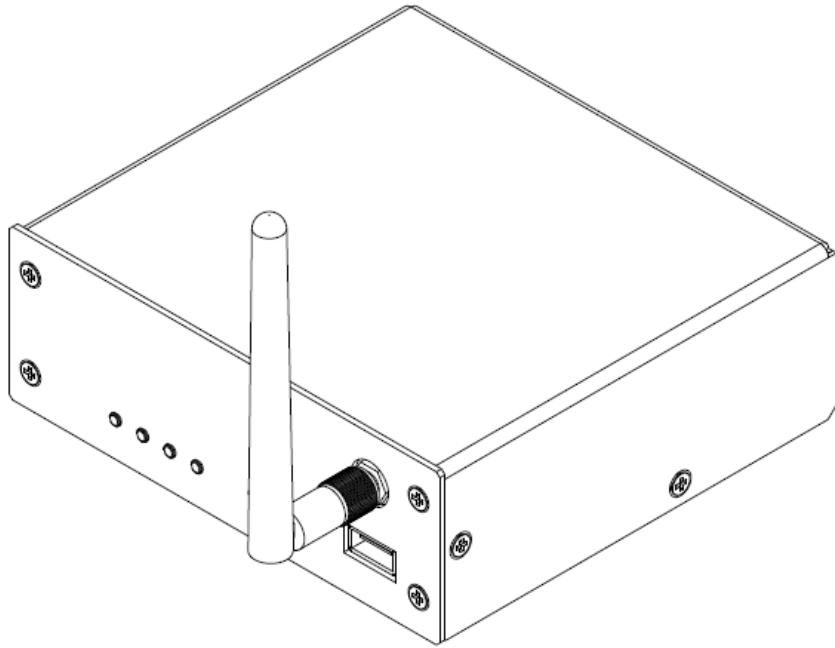
### ACCESSORIES

- VEO-RACK19 (Rack mount kit)



MECHANICAL DIAGRAMS





## TECHNICAL SPECIFICATIONS

DIGITAL ENGINE	
<b>Processor</b>	MIPS Single Core 64bits 580MHz
AUDIO CONVERTERS	
<b>Sampling rate</b>	48kHz
<b>Resolution</b>	16bit
<b>Bit rate</b>	32~320kbps
<b>Frequency response</b>	5Hz - 24kHz (-3dB)
MEDIA PLAYER	
<b>Audio sources</b>	Local storage (USB & microSD), Internet radio, AirPlay, DLNA
<b>Dynamic range</b>	From -80 dB to 0 dB
<b>THD + Noise</b>	< 0.008% (1kHz, 1Vrms)
ANALOGUE AUDIO OUTPUTS	
<b>Number of outputs</b>	2 x Stereo output (unbalanced)
<b>Connection type</b>	RCA estéreo, minijack 3,5mm
<b>Max output level</b>	6dBV / 5k ohm
<b>Output impedance</b>	460 ohm
<b>Dynamic range</b>	TBC
<b>Crosstalk</b>	TBC
CONNECTIVITY	
<b>Ethernet</b>	RJ45 10/100Mbps
<b>Wi-Fi</b>	2.4GHz Wi-Fi, 802.11 b/g/n
<b>Wi-Fi antenna</b>	Front panel
<b>Programing and control</b>	Web Application, RePPlayer & Gallery. Third party integration: JSON
REMOTE CONTROL CONNECTIONS	
<b>GPIs</b>	2 ports, Dry contact to ground, 3 pin Terminal block
REAL-TIME CLOCK	
<b>Retention time</b>	240 hours aprox.
<b>Accuracy</b>	±1 minute / month
MONITORING AND CONTROL	
<b>Display</b>	No
<b>LED indicators</b>	Front panel: NET, SP, SD, Power Rear panel: Wifi
<b>Buttons</b>	Rear panel: Factory Defaults / Fail Safe (pin-hole)
LOCAL STORAGE	
<b>Micro SD</b>	Front panel micro SD slot Supports micro SD SDXC

<b>USB</b>	Front panel USB female connector Support USB 2.0 High Speed (480 Mbps)
<b>Capacity</b>	Up to 2TB
<b>File system</b>	Supports FAT16, FAT 32, VFAT and NTFS (read-only) Multi-partition up to 1
<b>Playable audio files</b>	mp3, ogg, WAV, FLAC, AIFF, m3u, pls
<b>Files analysis</b>	65354 playable folders 65354 playable folders within each folder 65354 playable files within each folder
<b>Folder hierarchy</b>	Up to 8 containing the root directory
<b>Sorting</b>	UNICODE Up to 100 folders, 100 files by folder (Folders/files over 100 sorted in the FAT order)
<b>ELECTRICAL</b>	
<b>Power supply</b>	External, universal, 5VDC (included)
<b>AC mains requirement</b>	90-264VCA 50-60Hz
<b>AC mains connector</b>	International AC plugs set
<b>Power consumption</b>	4.5 VA / 2.2 W
<b>Ventilation</b>	Passive
<b>PHYSICAL</b>	
<b>Operating temperature</b>	Min 0°C, +32°F Max +35°C, +95°F
<b>Operating humidity</b>	< 85% HR
<b>Storage temperature</b>	Min -10°C, +14°F Max +50°C, +122°F
<b>Storage humidity</b>	< 90% HR
<b>Installation options</b>	Desktop, rack (1/3 of 1UR)
<b>Included accessories</b>	AD/DC Power Supply, WiFi antenna, adhesive rubber feet, rack tray screws , GPI connector, warranty card and standard user guide
<b>Optional accessories</b>	VEO-RACK19 Compatible
<b>Dimensions</b>	126.5 x 44 x 132 mm / 4.98" x 1.73" x 5.19"
<b>Weight</b>	0.6 Kg / 1.32 lb
<b>Shipping dimensions</b>	450 x 220 x 60 mm / 17.71" x 8.66" x 2.36"
<b>Shipping weight</b>	0.8 Kg / 1.76 lb
<b>CERTIFICATIONS</b>	
<b>CB Report</b>	Pending approval
<b>EMC</b>	Pending approval
<b>FCC</b>	Pending approval



All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical requests address to your supplier, distributor or fill the contact form in our website, at [Support / Technical Request](#).

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