Pi Supply

FULLY PLUG AND PLAY

JustBoom Amp Zero Kit

SKU: PIS-0558

The JustBoom Amp Zero kit is a fully plug-and-play package that is simple to setup and use. Plug in the power cable, connect the kit to a set of passive speakers and set up the JustBoom Player software, and enjoy flawless high quality audio.

Kit includes:

- Raspberry Pi Zero W (comes with a pre soldered header)
- JustBoom Amp Zero pHAT
- JustBoom Amp Zero pHAT case
- JustBoom Player Software
- 15V 4.33A Power Supply with International AC Plugs

Description

The JustBoom Amp Zero kit is a fully plug-and-play package that is simple to setup and use. No soldering or technical knowledge is needed to get up and running. Plug in the power cable, connect the kit to a set of passive speakers and set up the JustBoom Player software. With the JustBoom Amp Zero kit you can be up and running quickly, enjoying flawless high quality audio playback within minutes of unboxing.

Use Cases
- Multi-room streaming/local audio player
- Interactive art projects with audio requirement
- Arcade table projects with high quality, immersive audio
- Streaming (either from cloud or network storage) high-definition audio player
- Internet radio player with high-quality stereo audio
- Refit old radios and boomboxes (Roberts radios etc) with high-quality streaming audio
- And many many more....

Kit includes:
- Raspberry Pi Zero W (comes with a pre soldered header)
- JustBoom Amp Zero pHAT
- JustBoom Amp Zero pHAT case
- JustBoom Player Software
- 15V 4.33A Power Supply with International AC Plugs

Features
- Full high quality audio – 384kHz / 32bit
- Advanced ESD protection
- Plug and play compatibility for ease of use
- Hardware volume control from your Raspberry Pi
- No soldering required
- Powered by the Raspberry Pi GPIO header
- Compatible with Raspberry Pi Zero and the new Pi Zero Wireless
- Mounting hardware included
- Optional IR receiver included in package
- Full driver support in Raspbian / NOOBS

Technical Information
- TAS5756 Digital Audio AMP – Class D
- Texas Instruments TPA6133A2 headphone amplifier – 138mW
- Maximum output is 30 W (RMS) 55W (Peak)
- Fully integrated hardware volume mixing via "alsamixer" or any ALSA compatible application
- Optional Vishay TSOP4838 IR receiver (solder yourself if required)
- 112db SNR and -93db THD for best-in-class audio
- Advanced ESD protection on both headphone and RCA outputs

Additional information

WEIGHT	0.5 kg
DIMENSIONS	9 x 13 x 11 cm