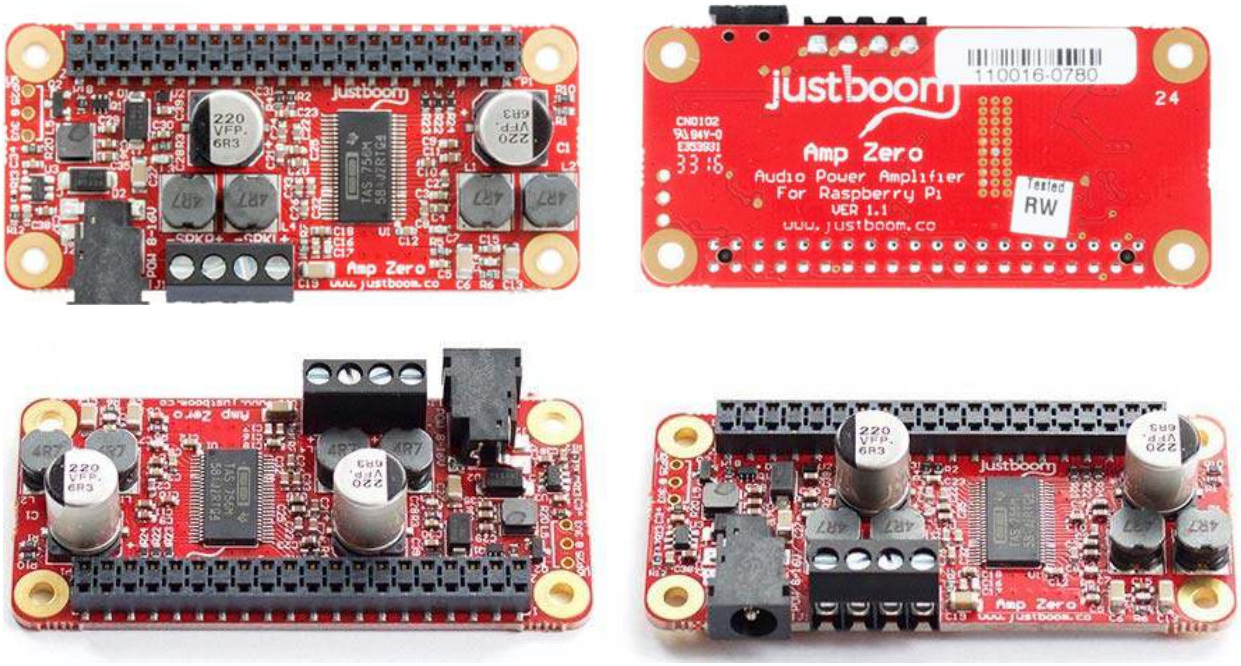
Pi Supply



JustBoom Amp Zero pHAT **SKU: JBM-006**

Harness the clarity of your high-definition music files with JustBoom. Audio the way it was meant to be heard!

The JustBoom Amp Zero is a high quality audio amplifier designed specifically for the Raspberry Pi Zero. It provides up to 192kHz/32bit digital to analogue conversion and gives up to a 2x40W Class-D amplified output. Simply stack the plug-and-play Amp Zero onto your Pi and you can be streaming flawless high quality audio in minutes over the cloud or local network.

Description

Harness the clarity of your high-definition music files with the JustBoom Pi Zero amplifier board. Audio the way it was meant to be heard!

The JustBoom Pi Zero Amp is a high quality audio amplifier designed specifically for the Raspberry Pi Zero. It provides up to 192kHz/32bit digital to analogue conversion and gives up to a 2x40W Class-D amplified output. We've also included an optional IR receiver to allow remote control operation of your Raspberry Pi. Simply stack the plug-and-play Pi Zero Amp onto your Pi Zero and you can be streaming flawless high quality audio in minutes over the cloud or local network.

Need help understanding how this product works? Follow our **product guide**.

Power supply: We recommend using a 15v / 65w power supply. We will be listing one for sale shortly on our store.

Setup Guide

- Follow our full setup guide for assembling your **JustBoom Amp Zero and Case**.
- Configure the **JustBoom Player** software.

Use cases

- Pi Zero Gameboy

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
- 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

Additional information

WEIGHT	0.065 kg
DIMENSIONS	13 x 7.5 x 2.5 cm

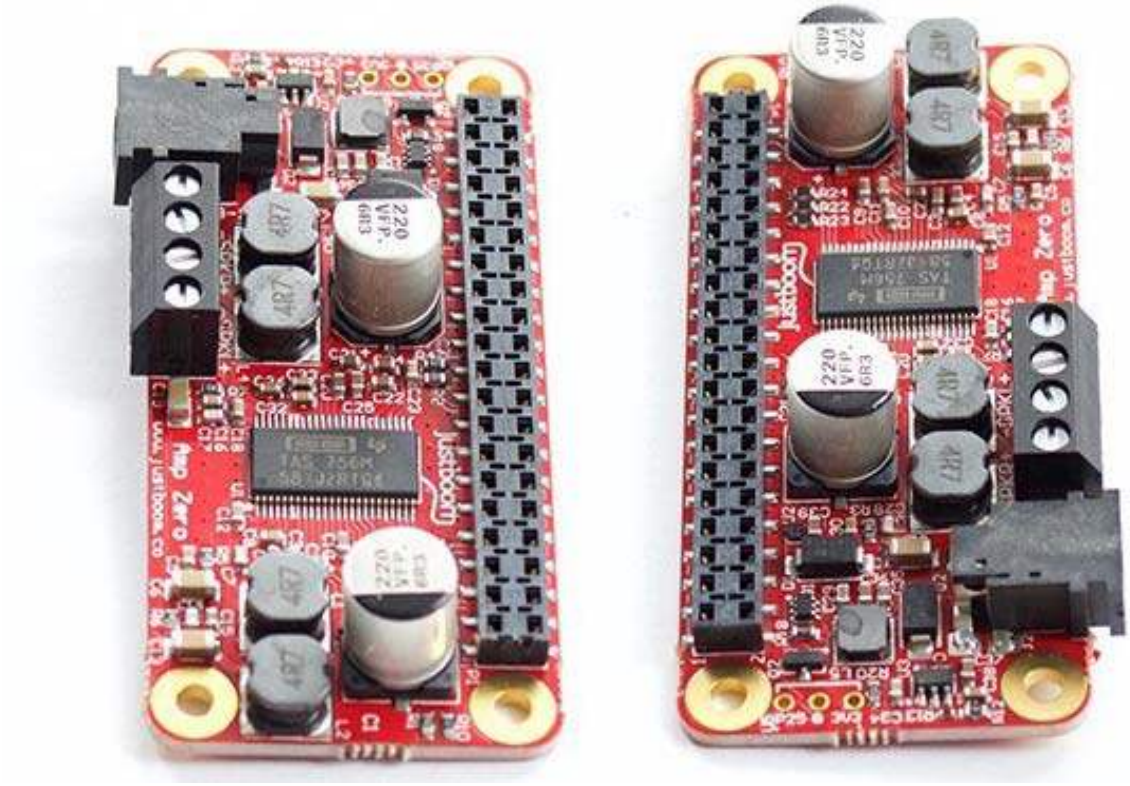
JustBoom Amp Zero Case

WEIGHT	0.049 kg
DIMENSIONS	6.9 x 3.8 x 3.5 cm
COLOUR	Red, Black

15 Volt 4.34 Amp Power Supply

WEIGHT	N/A
DIMENSIONS	N/A

PLUG TYPE	No Plug, UK, USA, EU, AUS



https://www.pi-supply.com/product/justboom-amp-zero-phat/ 1-22-18