



JustBoom / Amplifier

# JustBoom Amp Zero pHAT



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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.

[More Info](#)

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Description

Reviews (0)

## 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 [such as this one](#).***

## Setup Guide

- Follow our full setup guide for assembling your [JustBoom Amp](#)

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Wireless

0.0 ★★★★★  
No rating available

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## 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](#)

- 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