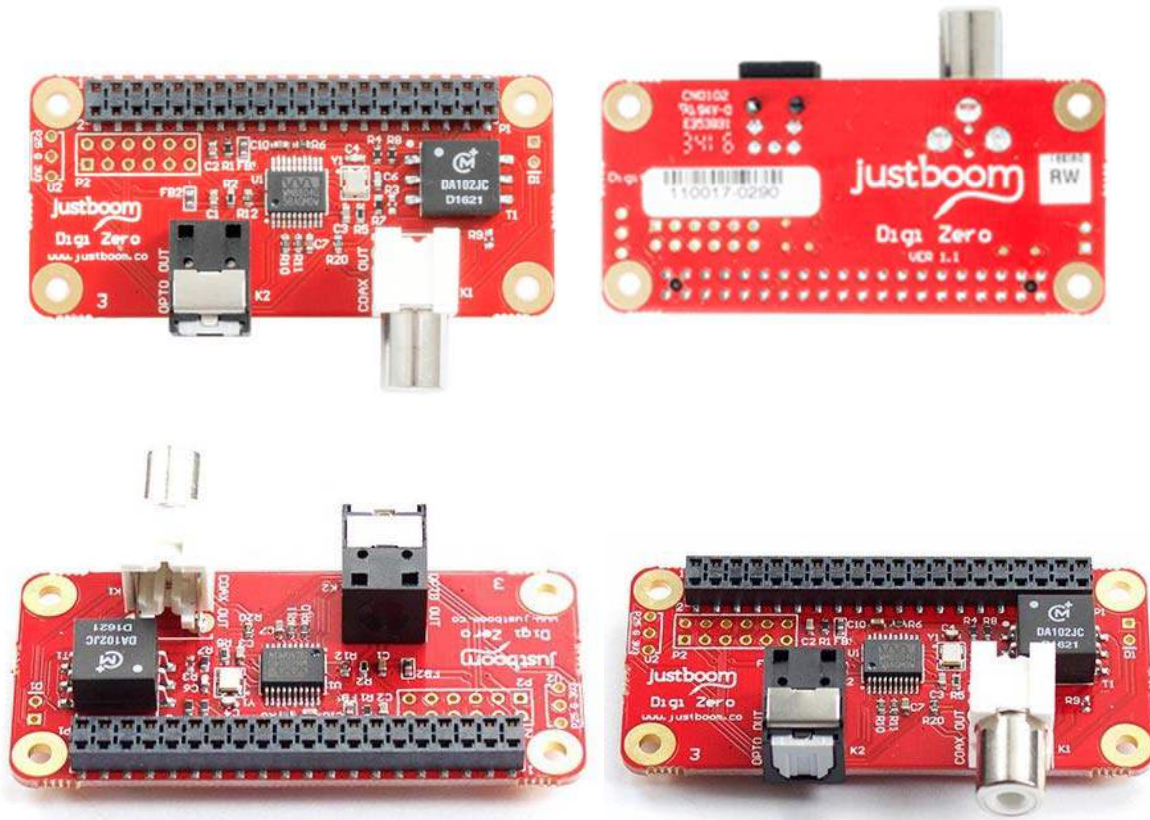




Pi Supply



# JustBoom Digi Zero pHAT

**SKU: JBM-005**

The JustBoom Digi Zero pHAT is a high resolution digital audio output add on board for the Raspberry Pi Zero. The HAT produces a high quality audio data stream that will not be negatively affected in any way.

We've designed the JustBoom Digi pHAT to be simple to install and use. With no soldering required and all the mounting hardware already provided you can be up and running in moments. We also include an optional IR receiver to allow remote control operation of your Raspberry Pi. It is also powered directly from the GPIO header so no extra cables or power supplies are required to connect to the Raspberry Pi.

## Description

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

## Setup Guide

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

## Use cases

- Streaming high-definition audio player
- Multi-room audio player

## Features

- Our JustBoom Pi Zero Digi features full high-quality audio – 384kHz / 32bit
- Includes both a DAC and headphone amplifier
- Line-level RCA and headphone amplifier 3.5mm jack outputs
- Plug and play compatibility for ease of use
- 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

- Dedicated S/PDIF interface chip supports up to 384kHz / 32bit resolution
- Cirrus Logic WM8804GEDS S/PDIF Transceiver
- Murata Power Solutions DA101JC Audio Digital Transformer
- 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

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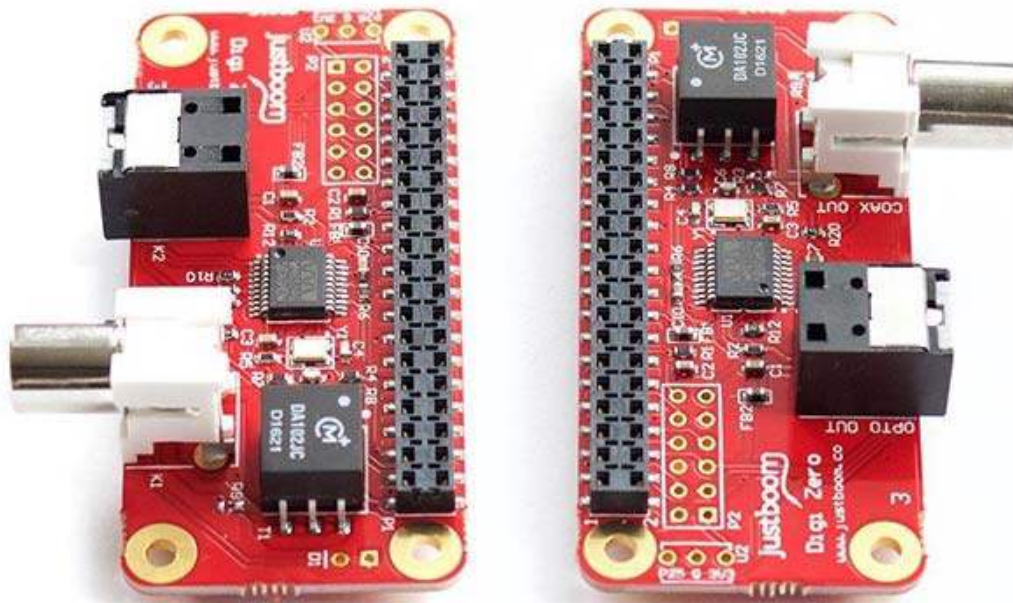
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<https://www.pi-supply.com/product/justboom-digi-zero-phat/> 1-22-18