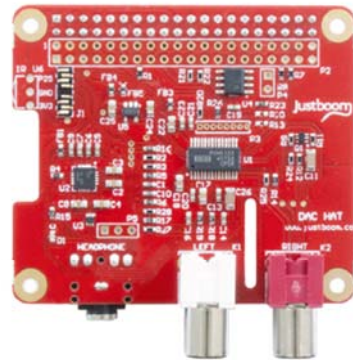# JustBoom DAC HAT Kit

The JustBoom DAC HAT kit is a fully plug-and-play package that is simple to setup and use. No soldering or...

Description

The JustBoom DAC HAT 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 powered speakers or an audio amplifier, and set up the JustBoom Player software. You can then be up and running quickly, enjoying flawless high quality audio playback within minutes of unboxing. All of the Raspberry Pi GPIO pins are still accessible on the DAC HAT for easy customisation of your project ? add additional sensors, buttons, LEDs, rotary encoders or anything your heart desires.

Use Cases

- Streaming (either from cloud or network storage) high-definition audio player
- Multi-room audio player
- Media centre / set-top box living room entertainment system
- Shop floor / elevator / background music audio player
- High quality audio player with local storage
- Desktop high definition audio player with amplified headphone output

JustBoom DAC HAT Kit content

- JustBoom DAC HAT
- JustBoom DAC HAT Case
- Raspberry Pi 3 Model B+
- Official Raspberry Pi Power Supply
- Pre-loaded SD Card with JustBoom Player OS
- RCA cable

DAC HAT Features

- Full high quality audio ? 384kHz / 32bit

- Includes both a DAC and headphone amplifier

- Line-level RCA and headphone amplified 3.5mm jack outputs

- Plug and play compatibility for ease of use

- Hardware and software volume control from your Raspberry Pi

- No soldering required

- Powered by the Raspberry Pi GPIO header

- This kit comes with a Raspberry Pi 3 Model B, however the DAC HAT is still compatible with the Raspberry Pi A+,B+ and 2B. It's also compatible with the Raspberry Pi Zero, but we would recommend the JustBoom DAC Zero for this purpose

- Fully HAT compliant

- Full driver support in Raspbian / NOOBS

- Compatible with OSMC / Max2Play / RuneAudio / Volumio / Moode / PiCorePlayer / PiMusicBox / OpenELEC and others