

The JustBoom Amp Zero pHAT is a high quality amplifier designed specifically for the Raspberry Pi Zero. Simply stack the HAT onto your Pi Zero and then connect your speakers.

With no soldering required and all the mounting hardware already provided, the Pi Zero pHat is a true plug and play device. Enjoy flawless high quality audio playback within minutes of setting it up.

### **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
- Mounting hardware included
- Optional IR receiver included in package
- Fully HAT compliant
- 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 included in package (solder yourself if required)
- 112db SNR and -93db THD for best-in-class audio
- Advanced ESD protection on both headphone and RCA outputs