

Item no.: 345774

## JUSTBOOM AMP HAT - Audio Amplifier for Raspberry Pi

from **81,41 EUR**

Item no.: 345774  
shipping weight: 0.10 kg  
Manufacturer: Pi Supply



### Product Description

#### JustBoom Amp HAT Audio Amplifier for Raspberry Pi

The Pi Supply Raspberry Pi HAT is a high-quality audio amplifier specifically designed for the Raspberry Pi. It is an audio amplifier that includes digital to analogue conversion to eliminate the need for external sound cards or DACs. You can simply stack the plug-and-play add on board (HAT) onto your Raspberry Pi A+, B+, 2B or the new 3B for immediate use. It includes a class-D power amplifier chip with built-in 192 kHz/32 bit DAC for a peak power output of 2x 55 Watts. The output audio over two speaker cable connector blocks accept anything up to 14 AWG cable to provide crystal clear audio to either 4 or 8 Ohm passive speakers. It also uses the I2S interface for its audio input that reduces CPU load on the Raspberry Pi compared to USB solutions. It is designed to back the power of the Raspberry Pi over the 40-pin GPIO header letting you use a single power supply for the entire system.

- Plug and play compatibility for ease of use
- Hardware and software volume control from your Raspberry Pi
- Onboard, hardware jumpers for configuring mute and gain settings (jumpers could optionally be changed with switches)
- Mute/enable with GPIO22 (can be overridden by using jumper J4)
- No soldering required
- Mounting hardware included
- Optional IR receiver included in the package
- Unused GPIO pins still accessible via unpopulated extension header
- Fully HAT compliant
- Full driver support in Raspbian/NOOBS
- Compatible with OSMC/RuneAudio/Volumio/Moode/PiCorePlayer/PiMusicBox/OpenELEC, and others

### Specifications

Scan this QR code to  
view the product

All details, up-to-date  
prices and availability

