Pi-DigiAMP+

IQA002

The IQaudIO Pi-DigiAMP+. The First HAT compliant Full-HD (192/24) HiFi quality DAC & 2x20w Class D AMP for the Raspberry Pi.

Turn your Raspberry Pi into a standalone Hi-Fi system, use as the basis of a retro radio restoration, build a boom box, an in-car audio player or use as the basis of a kiosk / display solution.

NO SOLDERING REQUIRED, simply "FIT AND ENJOY."

Designed to deliver the best audio performance from the Raspberry Pi 3/2/A+/B+, fit within the Pi's form factor and provide additional access to several of the Pi's 40way I/O signals allowing easy addition of IR sensors, Rotary Encoder or i2c devices (such as OLED screens) etc.

Using the latest Texas Instruments chipset (TAS5756m) to deliver awesome performance from a single HAT board. You can be assured that the Linux driver support is already built-in to Raspbian Linux (using the same device drivers as the Pi-DAC+) and supported by the many software audio packages already on the market. RuneAudio / Volumio / Moode / PiCorePlayer / PiMusicBox / OpenELEC and others. The IQaudIO Pi-DigiAMP+ easily supports 24-bit / 192kHz file formats but is equally at home with lower quality MP3s bringing your music alive sonically.

Please note that The Pi-DigiAMP+ uses GPIO22 as amp-mute and when powered on is in mute state, examples are in the user docs and many software releases already support the Pi-AMP+ in the same way.

The IQaudIO Pi-DigiAMP+ connects easily to the Raspberry Pi and provides up to 2 x 20W stereo output to speakers.

The Pi-DigiAMP+ requires an external power supply / brick, and when powered the Pi-DigiAMP+ provides power to your Raspberry Pi in parallel.

The IQaudIO Pi-DigiAMP+ Features:

- HAT compliant accessory; EEPROM, mounting holes
- Full-HD audio – up to 24-bit/192kHz playback
- 2x20w of crystal clear amplification
- No soldering required to your Raspberry Pi
- Integrated hardware volume control (via ALSA)
- Powers the Raspberry Pi from the Pi-DigiAMP+ power input
- Linux driver support already delivered within Raspbian
- AMP can be enabled / disabled via Raspberry Pi's GPIO22
- Advanced ESD protection
- Uses the digital I2S audio signals to reduce CPU load over USB audio solutions
- Fully built and tested Raspberry Pi accessory
- Designed and manufactured in the UK

The IQaudIO Pi-DigiAMP+ is suitable for the latest Raspbery Pi 3/2/A+/B+, it is not compatible with much older Raspberry Pi A and B Models.

For more information or to discuss your specific amplifier project requirements please get in touch.