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IQaudio DigiAMP+

IQaudio DigiAMP+ uses the Texas Instruments TAS5756M PowerDAC to deliver direct connection to PASSIVE stereo speakers at up to 2x35wpc with variable output. Ideal for a Raspberry Pi-based hi-fi system.



Getting started

IQaudio DigiAMP+ connects to the 40-pin GPIO header of Raspberry Pi 1 Model B+, Raspberry Pi 2, Raspberry Pi 3, or Raspberry Pi 4 with no need for soldering. DigiAMP+ must be powered from an external supply, and requires a 12-24V DC power source to its 5.5 mm x 2.5 mm barrel connector. The XP Power VEC65US19 power supply is recommended for use with DigiAMP+.

DigiAMP+ has been designed to provide power to the Raspberry Pi-plus-DigiAMP+ combination in parallel, delivering 5.1V @ 2.5A to your Raspberry Pi.

DO NOT APPLY POWER TO RASPBERRY PI'S OWN POWER INPUT WHEN USING DigiAMP+.

The amplifier is by default muted at power on (mute LED lit). The mute state/LED is under software control (Raspberry Pi GPIO22).

P5: Alternative power input for hard-wired installations. **POLARITY MUST BE OBSERVED!**

P8: TAS5756m Internal GPIO1/2/3