HiFiBerry AMP2

The HiFiBerry Amp2 is a high-quality, highly efficient Class-D power amplifier for the Raspberry Pi (newer models with 40 pin GPIO connector), that is mounted onto the Raspberry Pi to create a stereo audio system. The speakers just have to be connected directly, which makes it an ideal module for multi-room audio installations.

Facts

- Up to 60W output power
- Capable of driving a pair of 4-8 Ohm speakers
- Fully controllable from the Raspberry Pi
- sample rates up to 192kHz
- Digital-analog conversion included, no need for external DACs or sound cards
- Digital sound transmission for optimal audio performance
- Connects directly to the Raspberry Pi A+/B+/2B/3B/Zero, no additional cables needed
- Only one 12-24V external power supply needed for both AMP+ and the Raspberry Pi, no need for USB power supply anymore
- No soldering required, the AMP2 is directly mounted on the Raspberry Pi A+/B+/2B/3B in less than a minute

Dimensions without package	5.5 x 6.5 x 2.5 cm
Dimensions including package	9 x 7 x 3 cm
Weight	0.06 kg
GTIN	----

Usage recommendations

- small and elegant music playback devices
- home automation and multi-room audio systems
- solutions that require high-quality sound but unobtrusive appearance

HiFiBerry Deutschland GmbH
Corinthstrasse 53
D-10245 Berlin
Germany

sales@hifiberry.com

www.hifiberry.com

HiFiBerry

Electrical characteristics

Parameter	Test conditions	typical
Output power per channel	Vsupply=12V, Rspk = 4Ohm, THD+N < 0.1%	14W
	Vsupply=18V, Rspk = 4Ohm, THD+N < 0.1%	18W
	Vsupply=24V, Rspk = 4Ohm, THD+N < 0.1%	20W
	Vsupply=12V, Rspk = 8Ohm, THD+N < 0.1%	8W
	Vsupply=18V, Rspk = 8Ohm, THD+N < 0.1%	17W
	Vsupply=24V, Rspk = 8Ohm, THD+N < 0.1%	28W
Maximum output power per channel	Vsupply=12V, Rspk = 4Ohm, THD+N < 10%	15W
	Vsupply=18V, Rspk = 4Ohm, THD+N < 10%	30W
	Vsupply=24V, Rspk = 4Ohm, THD+N < 10%	44W
	Vsupply=12V, Rspk = 8Ohm, THD+N < 10%	10W
	Vsupply=18V, Rspk = 8Ohm, THD+N < 10%	20W
	Vsupply=24V, Rspk = 8Ohm, THD+N < 10%	38W