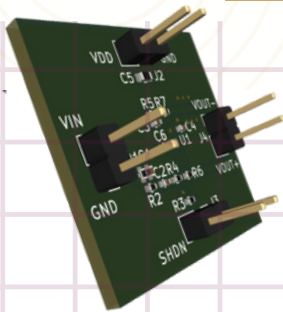


Audio Amplifier Board

PUI Audio's amplifier board portfolio features 1W to 15W output power using Class AB and Class D amplifier circuits, delivering maximum signal fidelity with low THD+N while operating from low power supplies. These boards enable quick and efficient speaker testing and also serve as turnkey, ready-to-integrate audio amplifier solutions for larger system designs.

1W TO 15W AMPLIFIER EVALUATION BOARD



AMP2X15

- Single-ended and differential inputs with stereo BTL or mono parallel BTL outputs
- 15W Class D Amplifier TPA3110D2
- Built-in over-current and over-temperature protection

AMP2X1

- Stereo 1W (8Ω). 2W (4Ω) per Channel
- BTL outputs
- MAX9710 Class D Amplifier
- <1% THD (at rated P_{OUT})
- Analog input
- Built-in short-circuit and over-temperature thermal protection

AMP2X2

- Stereo 2W (8Ω), 4W (4Ω) per Channel
- BTL outputs
- MAX9744 Class D Amplifier
- <1% THD (at rated P_{OUT})
- Analog input
- Built-in short-circuit and over-temperature thermal protection
 - Short-circuit to GND or V_{SUPPLY}

AMP1X1

- Mono 1W (8Ω). 2W (4Ω)
- BTL output
- MAX98309 Class AB Amplifier
- <1% THD (at rated P_{OUT})
- Analog input
- Built-in short-circuit and over-temperature thermal protection
 - Short-circuit to GND, V_{SUPPLY} , or between the amplifier outputs

AMP1X2

- Mono 2W (8Ω), 4W (4Ω)
- BTL output
- MAX9768 Class D Amplifier
- <1% THD (at rated P_{OUT})
- Analog input
- Built-in short-circuit and over-temperature thermal protection
 - Short-circuit to GND or V_{SUPPLY}

In Production

<https://puiaudio.com/products/category/accessories>