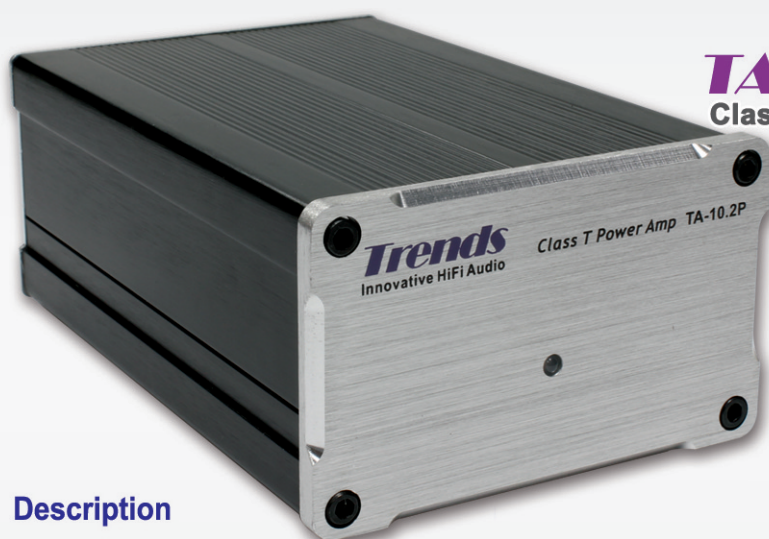


## TA-10.2

### Class-T Stereo Audio Amplifier



## TA-10.2P

### Class-T Power Amplifier

## Description

Trends Audio introduces the mini-size Class-T stereo amplifier TA-10.2 providing up to 2x15W output with the bundled AC power supply unit. Thanks to the Tripath's proprietary Class-T Digital Power Processing (TM) technology and our special techniques in circuit design and component selection, TA-10.2 achieves the sound quality of high-end HiFi but in a very affordable price.

## Features

- applied the proprietary T-amp technology for audiophile quality sound, high power efficiency (90%) and less heat generation.
- compact design (mini-size & light weight), easy portable and setup provide up to 2x15W output.
- an AC adaptor is bundled for continuous power supply.
- separated amplifier & AC adaptor design to minimize mutual interference and flexible to apply other power sources, e.g. Trends PW-10 PSU or lead-acid battery.
- standard gold-plated audio and speaker sockets used to be compatible with most audiophile quality cables.
- applied the specially designed audiophile-grade "Trends" MKP capacitors as audio input decoupling capacitor which guarantee the best original audio signal feed into the amplifier.
- applied the lowest LSR & highest ripple current Rubycon MCZ series tank capacitors as the power filtering capacitor which best suit the switching PW M characteristic of class T(class-D) amplifier.
- applied the smaller yet better quality ALPS 9mm sealed volume pot which provide better sound in the volume control (TA-10.2 SE only).

TA-10.2 performs very like Class-AB am-plifiers with high fidelity and warm sound. Yet, its power efficiency and physical size is just like Class-D amplifiers. Even it's maximum output power is only 2x15W, TA-10.2 is actually powerful to push even the floor- stand speakers with sufficient and good control of bass sound.

- re-organized the sockets layout of the back panel which provides a more convenient audio cable and speaker cable connections.
- enhanced the chassis with beautiful satin finish and smarter black/white contrast.
- the DC bias between speaker terminals can be offset (close to +0mV) by adjusting the potentiometers (factory pre-set). It suppresses the "pop" sound when power on/off and also increase the sound purity.
- option to work as a pure power amp by simply reset jumpers to by-pass the volume controlling circuit.
- built-in over-current protection.
- built-in over-temperation protection.
- audiophile-graded parts and compo-nents.
- air-core inductor used instead of magnetic-core for better sound.
- the stylish & specially-plated aluminium case provides not only good-looking, and also provides outstanding shielding capability.

