

## 300B Class-A Parallel Single-Ended stereo power amplifier

### TRZ-P300W



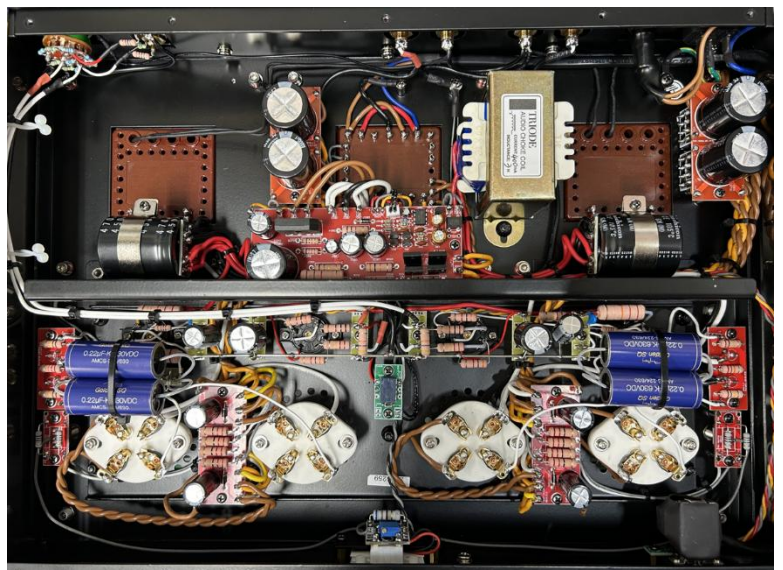
The foundation of Triode's history began with the VP-300BD, a 300B Class-A parallel single-ended integrated amplifier sold from the company's founding in 1994 until 2016. The TRZ-300W, released in October 2019, succeeded this legacy with a design based on the same 300B Class-A parallel single-ended configuration. The TRZ-P300W, introduced here, is a power amplifier redesigned from the TRZ-300W platform. It delivers the musical richness of directly heated triode tubes along with the dynamic driving power of a parallel single-ended circuit.

#### **Class-A Parallel Single-Ended 300B Circuit**

This amplifier uses a Class-A parallel single-ended circuit that fully brings out the charm of directly heated triode tubes while delivering ample output—20W + 20W (8Ω)—to drive a wide variety of speakers.

#### **Robust Power Supply Supporting Graceful Yet Powerful Sound**

Equipped with a large toroidal power transformer, the amplifier uses SiC Schottky barrier rectifier diodes for their fast response and low-loss characteristics. This results in a highly efficient, powerful, and responsive power supply system.



## **Easy Bias Adjustment**

The TRZ-P300W is equipped with a bias meter and adjustment knobs, allowing users to easily fine-tune the bias while visually monitoring the levels.



## **Triode Hum Cancelling (THC) Circuit**

Traditionally, directly heated triode amplifiers required manual adjustment using a hum balancer to reduce hum noise. This unit incorporates Triode's original THC (Triode Hum Cancelling) circuit, eliminating the need for such manual adjustments.

## **Use of High-Quality Components**

For coupling capacitors, AMTRAN's AMCS oil capacitors are used, featuring high-purity squalene oil, brass casing, and gold-plated OFC lead wires.

## **Beautiful Stainless Steel Chassis and Aluminum Top Plate**

The amplifier features a striking, elegant design, combining a polished stainless steel chassis with a solid black hairline-finished aluminum front panel and gloss-black painted large transformers. The top of the transformers is fitted with an 8mm-thick precision-machined aluminum plate to reduce vibration and enhance heat dissipation.





## Specifications

Tubes	: 300B x 4, 12AU7 x 2, 12AX7 x 2
Bias	: Fixed bias, adjustable with bias meter
Output power	: 20W + 20W (8Ω)
Frequency response	: 5Hz~70kHz (-3dB)
S/N ratio	: 93dB
Input terminals	: MAIN IN x 1
Input sensitivity / impedance	: MAIN IN 720mV / 10kΩ
Gain control	: 0dB, -3dB, -6dB, -12dB
Speaker output terminals	: 4~8Ω
Power consumption	: 240W
Dimensions	: W440 x D350 x H220mm
Weight	: 33.6kg
Accessories	: Tube cover