





TAD-M1000TX-S(Silver)



TAD-M1000TX-K(Black)



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TAD-M1000TX Specifications

Power output: 500W at 1 kHz, 4Ω ■Rated Distortion: Less than 0.05% at 1 kHz, 4Ω ■Signal-to-Noise Ratio: 112 dB or higher ■Frequency Response: 10 Hz to 50 kHz, +0/-3 dB ■Gain: 29.5 dB ■Input Terminal (Sensitivity/Impedance): 1.5 V/100 kΩ (balanced input), 0.75 V/50 kΩ (unbalanced input) ■Power requirements: AC 120 V, 60 Hz (United States), AC 220 V to 230 V, 50 Hz/60 Hz (Europe/Asia) ■Power consumption: 250 W ■Standby Power Consumption: 0.5 W ■Dimensions: 440 mm (W) x 148 mm (H) x 479 mm (D) [17-21/64 in. (W) x 5-53/64 in. (H) x 18-55/64 in. (D)] ■Weight: 29.0 kg (63.9 lbs)

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Utmost purity and efficiency in power supply

To achieve clear and dynamic sound reproduction with outstanding transient response, the TAD-M1000TX is powered by twin high-capacity toroidal transformers, whose internal coil is directly connected to the power supply circuit. The shape of cross-section of the transformer core has been redesigned to circular, which improves contact between the core and coils, minimizes unwanted leakage magnetic flux and vibrations, and contributes to much higher purity in power supply. Tighter connection between primary and secondary coils reduces energy conversion losses, and parallelly connected coils contribute to lower load fluctuations. These characteristics, combined with 33,000 μF electrolytic capacitors developed in-house, are the backbone of the TAD-M1000TX' s high-capacity analog power supply circuit in effortlessly handling any sudden changes in the load current and delivering outstanding responsiveness.

Soul-stirring, Awe-inspiring Performance

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Highly responsive and incredibly pure amplification

The heavy, sturdy body of the TAD-M1000TX is supported solidly by the combination of spike-shaped feet made of chromium molybdenum steel and matching self-height-adjustable spike holders made of special steel. The minimum contact with the surface on which the TAD-M1000TX sits keeps external vibrations from traveling through the feet and adversely affecting circuits and components inside the case. This elaborate vibration-control design results in more condensed and energetic audio reproduction with spatial nuance of the music kept intact.

Perfect symmetry translating into absolute precision

For a power amplifier, achieving perfect symmetry and balance in circuitry and its physical layout is essential to driving a speaker system's diaphragms with utmost precision. To that end, the TAD-M1000TX, which boasts a power rating of 500 watts per channel, employs a BTL (bridge-tied load) design that connects two separate amplifiers in a balanced configuration for the left and right channels in the amplification circuit from input through output stages. Furthermore, positive and negative power supplies maintain perfect symmetry between them, and all sections of the power supply circuit - including the transformer, rectifier circuit, smoothing circuit, and stabilizing circuit - are designed independently for each channel.



Highly responsive and incredibly pure amplification

The TAD-M1000TX employs a simplified Class-D single-output-stage consisting of leadless Direct FET devices with ultra-low on-resistance, capable of delivering signal energy to speakers without degradation. Combined with the analog power supply circuit, the TAD-M1000TX completes a highly responsive and incredibly pure amplification stage and delivers an astonishing 500 watts per channel. The result is a reproduction of robust yet smooth and polished sound with excellent transient response.

