

**TAD**

*Evolution Series*

POWER AMPLIFIER  
**M1000**



The Essence of Music Is Woven  
Rhythmically into Each Note.





**Balance**

## Perfect Balance by the Pursuit of Precision

TAD strives for symmetry in both circuitry and structure, with the goal of achieving perfect balance to precisely drive speaker systems to their utmost limits. By completely isolating the left and right channels from input to output, completely balanced symmetry is maintained.

All aspects of the TAD-M1000 follow a dual mono design structure with the power transformer, rectifier circuits, smoothing circuits and stabilizing circuits completely independent for the left and right channels. Additionally, symmetry is maintained within each channel by using separate positive and negative voltage rails. Utilizing a BTL (bridged transformer-less) design, with two output stages connected in a balanced configuration for each channel, the TAD-M1000 delivers 500W per channel.



## Vibration Control through Material Science

Thorough vibration control is vital as even micro vibrations can produce signal variations and ultimately affect sound quality.

By utilizing a three-point support structure with internally inverted spikes crafted using a hybrid structure of CRMO (chromium molybdenum) steel, the TAD-M1000 chassis is effectively isolated from external vibrations.

The physical isolation from vibration improves the output signal accuracy and enhances the power and vibrancy of sound produced by the amplifier.



**Stability**



**Speed**

## Unwavering Accuracy and High Efficiency

To achieve superior speed and energy, the TAD-M1000 is engineered with a Class D output stage combined with a power supply circuit design featuring a high capacity (1kVA-class) toroidal power transformer and specially designed electrolytic capacitors. Additionally, TAD employs very low on-resistance power MOSFETs with no lead wires that provide low-loss, high-speed performance. The result is high signal purity, accuracy and superior high speed amplification directly transferring the energy from the power supply to the speaker. Thanks to the high efficiency of this Class D amplifier design, the TAD-M1000 produces high power output without requiring large, external heat sinks, allowing the design aesthetic to match the unique shape of the TAD Evolution series.

## POWER AMPLIFIER M1000



TAD-M1000-S (Silver)



TAD-M1000-K (Black)

### TAD-M1000 2-channel Power Amplifier Specifications

[Amplifier] • Power Output: 500 W/4  $\Omega$ , 250 W/8  $\Omega$  (2 channels simultaneously driven, 20 Hz to 20 kHz, T.H.D., 1.0 %) • Rated Distortion: Less than 0.05 % (20 Hz to 20 kHz, 250 W, 4  $\Omega$ ) • Signal-to-Noise Ratio (IHF, short circuited, A network): 112 dB or higher • Frequency Response: 5 Hz to 50 kHz, -3 dB • Gain (Balance): 29.5 dB • Input Terminal (Sensitivity/Impedance): 1.5 V/220 k $\Omega$  (Balance) 0.75 V/47 k $\Omega$  (Unbalance)  
[Power] • Power Requirements: AC 120 V, 60 Hz (USA), AC 220 V to 230 V, 50 Hz/60 Hz (Europe, Asia) • Power Consumption: 250 W • Standby Power Consumption: Less than 0.5 W • Dimensions: 440 mm (W) x 148 mm (H) x 479 mm (D) (17-5/16 in. (W) x 5-13/16 in. (H) x 18-7/8 in. (D)) • Weight: 29 kg (63.9 lb)



Rear Panel

# TAD

TECHNICAL AUDIO DEVICES LABORATORIES, INC.

## TAD Evolution Series Line Up

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### DISC PLAYER D1000MK2



TAD-D1000MK2-S (Silver)



TAD-D1000MK2-K (Black)

### SPEAKER SYSTEM Evolution One E1TX



TAD-E1TX-K

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Note: Specifications, design and screenshots subject to modification without notice.  
Product colors and illumination may differ in photographs from actual appearance, due to effects printing and photography.