

TAD

TECHNICAL AUDIO DEVICES LABORATORIES, INC.

DISC PLAYER D1000TX



TAD-D1000TX-S(Silver)



TAD-D1000TX-K(Black)



Rear panel

TAD-D1000TX Specifications

•Digital audio inputs/ 1 XLR, 2 coaxial, 1 optical, 1 USB (Type B) •Compatible sampling frequencies/ XLR and coaxial inputs: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz/ Optical input: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz, 352.8 kHz, 384 kHz, DSD64 (2.8 MHz), DSD128 (5.6 MHz), DSD256 (11.2 MHz) •USB operating environment/ USB 2.0 high-speed •Digital audio output/ 1 XLR, 1 coaxial •Analog audio output/ 1 balanced output, 1 unbalanced output •Output voltage rated value/ 4 V balanced, 2 V unbalanced (1 kHz 0 dB) •S/N ratio/ 115 dB •Frequency characteristics/ Sampling frequency 88.2 kHz and above: 10 Hz to 40 kHz -1 dB/ Sampling frequency 44.1 kHz: 10 Hz to 20 kHz -1 dB •Power supply voltage/ AC 120 V, 60 Hz (United States and Canada), AC 220 V to 240V, 50 Hz/60 Hz (Europe and Asia) •Power consumption/ 43 W •Power consumption during standby/ 0.5 W or less •Dimensions/ 440mm (W) x 150mm (H) x 406mm (D)(17 11/32 in. (W) x 5 29/32 in. (H) x 16 in. (D)) •Weight/ 18.5 kg(40.8 lbs.)



D/A CONVERTER DA1000TX



TAD-DA1000TX-S(Silver)



TAD-DA1000TX-K(Black)



Rear panel

TAD-DA1000TX Specifications

•Digital audio inputs/ 1 XLR, 2 coaxial, 1 optical, 1 USB (Type B) •Compatible sampling frequencies/ XLR and coaxial inputs: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz/ Optical input: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz/ USB input*: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz, 352.8 kHz, 384 kHz, DSD64 (2.8 MHz), DSD128 (5.6 MHz), DSD256 (11.2 MHz) •USB operating environment/ USB 2.0 high-speed •Digital audio output/ 1 XLR, 1 coaxial •Analog audio output/ 1 balanced output, 1 unbalanced output •Output voltage rated value/ 4 V balanced, 2 V unbalanced (1 kHz 0 dB) •S/N ratio/ 115 dB •Frequency characteristics/ Sampling frequency 88.2 kHz and above: 10 Hz to 40 kHz -1 dB/ Sampling frequency 44.1 kHz: 10 Hz to 20 kHz -1 dB •Headphone output/ 1 headphone jack/ Recommended impedance: 8 to 600 Ω/ Maximum output: 125 mW + 125 mW (at 32 Ω) •Power supply voltage/ AC 120 V, 60 Hz (United States and Canada), AC 220 V to 240V, 50 Hz/60 Hz (Europe and Asia) •Power consumption/ 49 W •Power consumption during standby/ 0.5 W or less •Dimensions/ 440mm (W) x 150mm (H) x 406mm (D)(17 11/32 in. (W) x 5 29/32 in. (H) x 16 in. (D)) •Weight/ 16.5 kg(36.4 lbs.)

*Compatible with Windows 8, Windows 7, Windows Vista, Mac OS 10.6 and higher, except PCM352.8 kHz, 384 kHz, DSD128, and DSD256, which are compatible with only Windows 10, Mac OS 10.6 and higher

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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.

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TAD

Evolution Series

DISC PLAYER D/A CONVERTER
D1000TX & DA1000TX





Listening to recordings exactly as the artists intended.
Made possible by an improved and refined design inside and out.

Both models are equipped with the third-generation Asynchronous USB Communication Engine, developed in-house. This engine captures PCM384kH/32bit and DSD256 digital signals with the sampling rate of 11.2 MHz fed from computers* via a USB port. With the added benefit of a high-slew-rate analog circuit, they are capable of reproducing high-resolution digital audio—from a tight, highly transient bass to high frequencies beyond the audible spectrum—with an unprecedented level of detail, clarity, and dynamism.

* Operating on Windows 10 or higher or on Mac OS 10.6 or higher



To convey all the emotion and passion of the original source, reproduction must be precise and pure. In the tradition of TAD's relentless pursuit of this philosophy, high-performance, parallel-connected, dual differential D/A converter ICs are employed—one for each channel. In addition, the Ultra-High C/N (carrier-to-noise ratio) Master Clock UPCG (ultra-high-precision crystal generator) brings the signal-to-noise

ratio to an unprecedented level—in both a laboratory and real-world environment. The discrete current-to-voltage (I/V) conversion circuit reduces residual noise even at high slew rates. With all these engineering innovations, the D/A conversion has achieved essentially flawless accuracy.

All internal parts and circuits are made and laid out with meticulous care and precision. Our selection and use of components are validated for alignment between the theory and practice through uncompromising reiterative testing and auditioning processes. This is the very essence and DNA of all TAD audio equipment. For instance, the high-output toroidal primary power transformer



connects its internal coil wire directly to the power supply circuit to comfortably handle the enormous power and speed that high-resolution sound reproduction demands. In addition, the use of independent power supply transformers for analog and digital circuits eliminates even the slightest chance of mutual interference.

Bring the true beauty of music to life



The TAD-D1000TX is our new generation SACD/CD player coming in a stylish form and retaining the concept, design, and technique incorporated into TAD disc players that came before it. Our efforts to take the design of a disc-drive mechanism to a new level of refinement have culminated in a disc-loading mechanism that keeps external vibration from affecting the servo system, a laser pickup with an infinite-conjugate optics system that boasts highly reliable operation and accurate readout of digital signals, a machined aluminum disc tray, and a low-noise brushless DC servo motor. The entire disc-drive mechanism unit is solidly mounted on an 8-mm-thick aluminum chassis to eliminate the effects of external vibration. Combined with flawlessly accurate D/A conversion, a powerful power supply, and four insulator feet of a spike structure that ensure enhanced isolation, the player offers an exceptionally detailed and accurate playback of music.

The TAD-D1000TX and the TAD-DA1000TX serve as a digital media center capable of handling high-resolution audio sources in the purest form. Their line output has its own volume control, enabling either of them to be connected directly to a power amplifier to simplify the signal path. As an added bonus, the TAD-DA1000TX is equipped with a high-quality headphone amplifier driven by an independent power supply with its own coil wire. The headphone output takes advantage of a dedicated D/A conversion circuit and discrete output buffer to take a headphone-listening experience to a new level.

