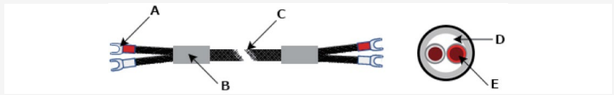
SPEAKER CABLE & INTER CONNECT CABLE

Features

- Oxygen-Free copper wires made by the Dip-Forming process
- These cable have shield structures wound with magnesium alloy foil
- The fabric of the outermost shell of the speaker cable is knitted from 0.25 mm PET (polyethylene terephthalate) monofilament yarn
- The fabric of the outermost shell of the inter cable is knitted from 0.28mm partially fluorinated semi-crystalline polymer (ECTFE) monofilament yarn
- Both fabric can release the cable from the mechanical stresses coming from the installed environment and support pure signal transmission

Speaker Cable

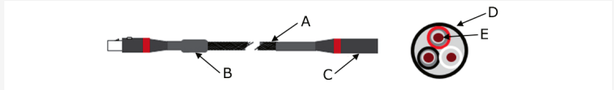
TAD-SC020M /2.0m
TAD-SC025M /2.5m
TAD-SC030M /3.0m



A：Robust pure copper cutting Rolled plated Y lug terminal
B：Pure magnesium cutting filter
C：Exterior braid knitted from 0.25 mm polyethylene terephthalate monofilament yarn
D：Mg Shield for each conductor shield structure
E：DF-OFC Extra fine stranded wire

Inter Connect Cable

TAD-IC010XM /1.0m /XLR
TAD-IC015XM /1.5m /XLR



A：Exterior braid knitted from 0.28mm partially fluorinated ECTFE monofilament yarn
B：Magnesium alloy filter
C：NEUTRIK NC3FXX connector
D：Mg Shield for each conductor shield structure
E：DF-OFC Extra fine stranded wire

TAD-IC015XMLTD
1.5m /XLR

Based on the Standard Edition, sound quality has been improved through brushed-up details such as employment of the NEUTRIK XX-HE cable connector.

AUDIO BOARD

TAD-ZZ014-WN
480mm(W)×55mm(H)×450mm(D)
Weight: 7.0kg
Load Bearing Capacity: 150kg

Features

- Combining well-float construction with the TAD sound philosophy
- Finnish birch laminate board is adopted as the board material
- Birch wood is an excellent material with superior water resistance, heat resistance, durability and strength
- TAD loudspeakers utilize this same material for internal structural supports due to its high rigidity
- Each plywood layer is laminated alternately, improving its deflection strength
- The Finnish Birch used in this product is the world's hardest and strongest hardwood material
- TAD-ZZ014 has a new well-float structure to suppress the vibration of the top and bottom

COMPANY INFORMATION

TECHNICAL AUDIO DEVICES LABORATORIES, INC.
28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-0021, Japan
http://www.technicalaudiodevices.com

FOLLOW US!!

TAD Homepage　Facebook　Instagram

SUPPORT INFORMATION

https://www.technicalaudiodevices.com/support/

This is support for product information such as broshures and instruction manuals

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.

Information in this catalog is current as of April 2024

TAD
COLLECTION
APR, 2024

THE ARTISTIC INTENT, INTACT

Our Story

Technical Audio Devices (TAD) was originally the name given to a project launched by Tokyo-based Pioneer Corporation in 1975 to develop high-end speakers for professional use. The term embodies the belief held by the late Bart Locanthi, then a renowned professional audio engineer in the United States and a technical advisor to the project, that "genuine technology is true to the basics and that genuine technology places greater importance on sound quality than on technology for its own sake."

And in 2007, TAD Laboratories, Inc. (TADL) was spun off from Pioneer Corporation as a company dedicated to developing and marketing the TAD-branded products, which include high-end components designed to bring the best out of TAD speakers.

For years to come, we will continue to create high-end audio products that are true to intentions of musicians and that deliver a truly immersive, soul-stirring music-listening experience to proud owners, based on the belief and engineering prowess that has been upheld for more than 40 years.

Sound Philosophy

"The Artistic Intent, Intant." - We at TADL make products that reproduce the genuine sound without adding any artificial coloration or omitting any of original musical nuances. This design philosophy, which has been embraced by every one of our engineers and incorporated into every TAD product since the founding of the brand, has been enthusiastically received by professional studio engineers around the world.

To design TAD speakers and audio components to reproduce the genuine sound, our engineers combine a legacy of our proprietary technologies with leading-edge materials, parts, and technologies. This approach enables listeners to feel as if they were sitting in a front-row seat in a concert hall and enjoying music being played right in front of them, temporarily forgetting the existence of speakers and audio components in their room. We call this concept “the Artistic Intent, Intact.”

Technology

To turn the concept “the Artistic Intent, Intact” into reality, we take an engineering approach backed by thorough theoretical evaluations and accurate testing, for which the TAD brand stands.

TAD speakers employ the beryllium-diaphragm-featured coaxial CST Driver, capable of ultra-wide-range reproduction of sound up to 100 kHz, as well as the SILENT cabinet and the Aerodynamic Port System in order to deliver high-dimensional sound imaging and sound-field immersion and reproduce the genuine sound.

In the TAD audio components, Inheriting and refining technologies originally applied by Pioneer to the Exclusive Series high-end audio components, we incorporate into all TAD amplifiers and disc players a fully symmetrical design for left and right channels, right down to the circuit topology, PC board, and wiring, and the fully balanced circuitry from input to output. To achieve ultimate sound purity, we use a variety of parts exclusively developed for TAD audio components.

Artisanship

Every TAD product is hand-assembled by certified artisans on our lines in Japan. Certified artisans with exceptional expertise and skills hand-assemble compression drivers that require micron-level precision and other components into TAD speakers.

A certified artisan is responsible for an entire process of hand-assembling parts and circuit boards into TAD audio components on the production line, with attention paid down to such small details as controlling the amount of torque applied to screws fixing parts to circuit boards.

The same level of passion and dedication that engineers put into designing TAD products is shared by artisans who transform the engineering designs into masterpieces we market with pride around the world.

REFERENCE *Series*

LOUDSPEAKERS
COMPONENTS

The references series are so called because they serve as the reference point for musical reproduction. Our reference Series products are the full embodiment of our design heritage designed and engineered, improving time tested technology, manufactured relentless attention to detail with uncompromising materials and components.

The reference series features TAD's transformative technology patiently hand built by certified artisans to exacting standards. The reference series represents the ultimate application of proven methods. developed for TAD audio components.

EVOLUTION *Series*

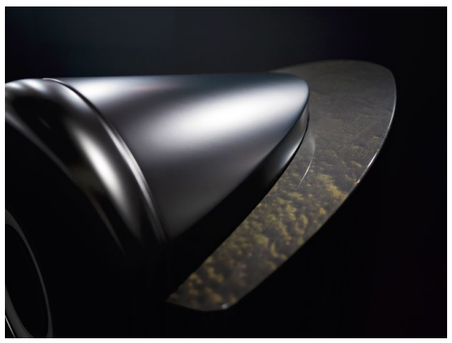
LOUDSPEAKERS
COMPONENTS

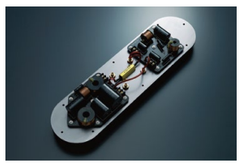
The Evolution Series applying our commitment of accurate reproduction to emerging technology, a new path of listening pleasure has been achieved. By definition, evolution is a process of continuous change.

The Evolution Series is defined by combining our DNA with the latest Materials Research, electro engineering, and manufacturing techniques built to the same exacting standards as a reference series by certified artisans. It then takes into account the changing methods of music distribution, reproduction, and listening to keep pace with the changing times, providing boundless joy and pure TAD sound.

REFERENCE *Series*

LOUDSPEAKERS





Since its inception, the TAD Reference Series become the established reference for audio system in the new era of high definition audio. This ultra high end audio system based on highly advanced technology developed by TAD, is used by creators of studio monitors in several leading recording studios around the world.

It employs carefully selected materials and parts, benefits from relentless attention to detail and engineering, and is backed by our unmatched design theory and testing ability. The result is a sound field of flawless purity that achieves unprecedented professional audio artistry.

We invite you to experience the unparalleled richness of the TAD Reference musical experience.

REFERENCE ONE

TAD-R1TX-EB / TAD-R1TX-BR

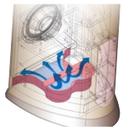
Superior technologies come together to bring you a transcendent audio experience

Realism and vivid acoustic space created by the CST* Driver

The CST enables us to achieve our goal for the TAD Reference One: "reproduction with controlled directivity over a wide frequency range from a single point with uniform phase". The tweeter dome and midrange cone are made of beryllium, the lightest and most rigid of metals. These are manufactured using vapor deposition, a unique technology of TAD.

25cm woofer unit with supreme strength

We were able to achieve ideal physical properties including structural body strength, by using a TLCC* diaphragm that has a unique triple laminated construction: a core of foamed acrylamide sandwiched front and rear by direction-oriented aramid fibers. This is the foundation of the TAD Reference One sound.



Superb SILENT* enclosure further evolves

The R1TX features our new SILENT cabinet: the ultimate in elegant curves and immense stability. The basis of our efforts to eliminate resonance is the strong enclosure design, inspired by the structural theory of aircraft wings and ships. The bass reflex port utilizes an aerodynamic port system based on the theory of precise fluid design.

TAD X TENDO MOKKO

"Tendo Mokko" is a leading luxury furniture manufacturer in Japan, established in Tendo, Yamagata in 1940. In the "SILENT Enclosure", their skillful techniques of artisan craftsmanship are incorporated, elevating the supreme functional beauty to yet another level. The elegant finish by skilled artisans further enhances the craftwork of structural beauty.

*CST: Coherent Source Transducer *TLCC: Tri-Laminate Composite Cone *SILENT: Structurally Inert Laminated Enclosure Technology

• Type/ Three-way bass vented box loudspeaker • Drive Units LF : 25cm x 2 ;Midrange/Tweeter: concentric 16 cm MF / 3.5 cm HF • Performance Data/ Frequency response : 21 Hz to 100 kHz (-10 dB)/ Crossover frequencies: 250 Hz and 2 kHz/ Unit polarity: LF (+), MF (+), HF (+)/ Amplifier requirements: 300 W/ Sensitivity: 90 dB (2.83 V @ 1 m free space)/ Maximum sound pressure level : 115 dB/ Rated impedance: 4 Ω • Dimensions/ 554 mm (W) × 1,293 mm (H) × 698 mm (D) • Weight/ 150kg

COMPACT REFERENCE ONE

TAD-CR1TX-EB / TAD-CR1TX-BR

Yet another culmination of the point-source sound concept

The CST* Driver enables ultra-wide-range reproduction

The CST Driver is a major step forward in coaxial speaker design that achieves the optimum balance between creating an ideal sound image and creating an ideal sound field by controlling the driver unit's phase and directivity over a wide frequency range. Unique vapor deposited beryllium diaphragm reproduces natural-sounding music.

20cm woofer produces rich bass with great clearity

The bass driver has achieved the highest linearity in the performance of its magnetic circuit, diaphragm, and suspension. the TLCC* aramid diaphragm has a triple-laminated construction that provides near ideal physical properties. It delivers not only rich and clear bass but also low-coloration sound extending through to the midrange.

Elegant SILENT* enclosure enables immersive sound

The CR1TX is housed in the SILENT enclosure inherited from R1TX. The flowing teardrop shape of the enclosure makes the entire cabinet sturdier, reduces sound diffraction anomalies, and eliminates unwanted resonance and the formation of standing waves inside the enclosure. In addition, Aerodynamic port system contributes to deep, clear bass.

TAD collaborates with Tendo Mokko

Tendo Mokko is one of the most prominent manufacturers of luxury furniture in Japan, established in Tendo, Yamagata, in 1940. Their skillful techniques of artisan craftsmanship are incorporated into our SILENT Enclosure for the CR1TX, elevating the supreme functional beauty to yet another level. Its finish, as well, exudes an air of artful elegance.

*CST: Coherent Source Transducer *TLCC: Tri-Laminate Composite Cone *SILENT: Structurally Inert Laminated Enclosure Technology

• Type/ Three-way bass-reflex stand-mounting • Drive Units LF : 20cm ; Midrange/Tweeter: concentric 16 cm MF / 3.5 cm HF • Performance Data/ Frequency response : 32 Hz to 100 kHz (-10 dB)/ Crossover frequencies: 250 Hz and 2 kHz/ Amplifier requirements: 200 W/ Sensitivity: 86 dB (2.83 V @ 1 m free space)/ Rated impedance: 4 Ω • Dimensions/ 341 mm (W) × 628 mm (H) × 446 mm (D) • Weight/ 46kg Optional Speaker Stand TAD-ST1 • Weight : 16 kg • Dimensions: 407 mm (W) x 532 mm (H) x 525 mm (D)

REFERENCE *Series*

COMPONENTS

PREAMPLIFIER

TAD-C700 NEW

The sound purity has reached new heights

Fully balanced circuitry and simplified signal transmission

TAD's goal is to design a best-in-class preamplifier capable of remarkably accurate signal transmission from input to output. To this end, we have taken extra steps to achieving ultimate uniformity in circuit topology and R/L ch layout. Input signals, after their level is adjusted by the electronic volume control, are amplified by a single-stage voltage amplifier before output.

Elaborate noise-suppression techniques

The main unit and power supply unit are completely separated to eliminate unwanted transformer vibrations and magnetic flux leakage. To increase the purity of power supply, the internal coil of the transformer is directly connected to the power supply circuit, minimizing the contact points with leading wires.

High-quality precision parts

The C700's custom-made electronic volume control boasts ladder-resistance switching that attenuation deviation beyond measurement limit between R/L ch, and an ultra-low distortion. An independent electronic volume control is provided each to the R/L ch, as well as superb sound-image localization and sound-field reproduction.

• Input terminals/ 4 balanced, 2 unbalanced • Output terminals/ line: 2 balanced, 2 unbalanced • Rated output voltage / 1.5 V balanced, 0.75 V unbalanced • Maximum output voltage / 20 V balanced, 10 V unbalanced • S/N ratio/ 120 dB • Frequency response/ 10 Hz - 100 kHz (-1 dB) • Power consumption/ 52 W • Power consumption during standby/ 0.5 W or less • Dimensions/ Main unit: 450mm (W) x 150mm (H) x 440mm (D), Power supply unit: 220mm (W) x 185mm (H) x 430mm (D) • Weight/ Main unit: 29 kg, Power supply unit: 15kg

MONAURAL POWER AMPLIFIER

TAD-M700

Bringing reproduction of music in its purest form to a new height

Dual-logic circuit technology

The basic design concept is to realize end-to-end symmetry, unifying our wealth of proprietary technologies into a coherent form to achieve the ultimate in sound reproduction. We have chosen the BTL configuration and optimized every aspect of amplifier design from input to output.

Elaborate vibration-suppressing technology

The M700 employ a newly designed cast-aluminum chassis that boasts a high internal loss factor for vibration, eliminating inherent sympathetic vibration at unwanted frequencies. The low-impedance aluminum chassis demonstrates high electric stability.

Simplified first-stage circuitry

True to TAD's long-held design philosophy of "Simple is best", the M700 reduce the number of components needed for the first stage down to a minimum. A pair of FET devices carefully hand-picked by our certified artisans was incorporated into the amplifier's input circuit.

• Power Output: 700 W (1kHz, 4Ω), 350 W (1kHz, 8Ω) • Rated Distortion: Less than 0.005 % (1kHz, 350 W, 4Ω) • Signal-to-Noise Ratio: More than 125 dB • Frequency Response: 1 Hz to 100 kHz, +0/-3 dB • Gain: 29.5 dB • Input Terminal (Sensitivity/ Impedance): 1.5 V/100 kΩ • Dimensions: 516 mm (W) x 296 mm (H) x 622 mm (D) • Weight: 74.5 kg

2CH POWER AMPLIFIER

TAD-M700S

Testing and researching to turn audio theory into reality

Dual-logic circuit technology

The basic design concept is to realize end-to-end symmetry, unifying our wealth of proprietary technologies into a coherent form to achieve the ultimate in sound reproduction. We have chosen the BTL configuration and optimized every aspect of amplifier design from input to output.

Elaborate vibration-suppressing technology

The M700S employ a newly designed cast-aluminum chassis that boasts a high internal loss factor for vibration, eliminating inherent sympathetic vibration at unwanted frequencies. The low-impedance aluminum chassis demonstrates high electric stability.

Simplified first-stage circuitry

True to TAD's long-held design philosophy of "Simple is best", the M700S reduce the number of components needed for the first stage down to a minimum. A pair of FET devices carefully hand-picked by our certified artisans was incorporated into the amplifier's input circuit.

• Power Output: 350 W/ch (1 kHz, 4 Ω), 175 W/ch (1 kHz, 8 Ω) • Rated Distortion: Less than 0.005 % (1kHz, 350 W, 4Ω) • Signal-to-Noise Ratio: More than 125 dB • Frequency Response: 1 Hz to 100 kHz, +0/-3 dB • Gain: 29.5 dB • Input Terminal (Sensitivity/ Impedance): 1.5 V/100 kΩ • Dimensions: 516 mm (W) x 296 mm (H) x 622 mm (D) • Weight: 75.5 kg

DISC PLAYER • D/A CONVERTER

TAD-D700

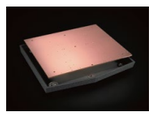
Pure sound that knows no compromise

Ultimate D/A conversion accuracy

In order to realize the extreme precision in sound reproduction, the latest "Ultra High C/N* Master Clock UPCG*", which has repeatedly been verified to pursue low phase noise, and a newly designed current feedback amplifier for simplicity are adopted. It faithfully reproduces even the finest nuances of music.

Unprecedentedly rigid structure

The D700 adopts a two-layer structure that combines a cast aluminum chassis with high vibration absorption capability and a copper-plated steel plate. This thoroughly eliminates vibrations that adversely affect sound quality, establishing a solid foundation of sound.



High-precision and high-purity

The main unit and power supply unit are completely separated to eliminate unwanted transformer vibrations and magnetic flux leakage. The newly designed "highly rigid CD/SACD mechanism" and the high-purity power transformer provide a supple and powerful musical experience.

*C/N: Carrier to Noise ratio *UPCG Ultra high Precision Crystal Generator

• Digital audio inputs/ 1 XLR, 1 coaxial • 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 Response/ CD: 4 Hz to 20 kHz, SACD:4Hz to 40kHz • Playable Discs/ SACD, CD, CD-R, CD-RW • Power consumption/ 43 W • Power consumption during standby/ 0.5 W • Dimensions/ Main unit: 450mm (W) x 185mm (H) x 440mm (D), Power supply unit: 220mm (W) x 185mm (H) x 430mm (D) • Weight/ Main unit: 26.5 kg, Power supply unit: 14kg

EVOLUTION *Series*

LOUDSPEAKERS

GRAND EVOLUTION ONE

TAD-GE1-WN NEW

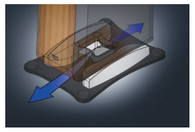
Innovation drives Authenticity

More natural And Clear Mid-to-High frequency range

TAD's unique coaxial CST* Driver reproduces sound as it is. This driver is structurally isolated from the enclosure by ISO* Drive Technology, which isolates the transmission of mechanical vibration in order to bring the best out of this driver's performance. This allows for the precise delineation of sound details and a clear soundstage.

Richer and smoother Mid-toLow frequency range

We have upgraded the diaphragm for the 18 cm woofer to a MACS II* diaphragm with the technology cultivated through TAD's professional drivers. It is made of five layers of woven and non-woven fabric to optimize the vibration characteristics of the shell-shaped diaphragm that integrates the center cap and cone into a single piece.



Bi-directional ADP* System for natural and rich bass

The port throat is located at the bottom of the enclosure with openings at the front and rear, which are horn-shaped from the throat to the aperture. This reduces port noise at large amplitudes and suppresses low-order internal standing waves from leaking out of the port, resulting in a clear and responsive mid-low frequency range.

*CST: Coherent Source Transducer *ISO: Isolation *MACS II: Multi-layered Aramid Composite Shell Second Generation *Bi-Directional ADP: Bi-Directional Aero-Dynamic Port

• Type/ 3-way, bass-reflex floor-standing speaker system • Drive units/ Woofer: 18cm cone x 2; Midrange/tweeter: Coaxial 14 cm magnesium cone and 3.5 cm beryllium dome • Performance data/ Frequency response: 27Hz to 100kHz; Crossover frequencies: 250 Hz, 1.8 kHz; Maximum input: 250 W; Sensitivity: 88 dB (2.83 V, 1 m); Rated impedance: 4 Ω; Weight: 64kg per unit; Dimensions: 394 mm (W) x 1212 mm (H) (1,240 mm with spikes) x 547 mm (D)

COMPACT EVOLUTION ONE

TAD-CE1TX-WN / TAD-CE1TX-K

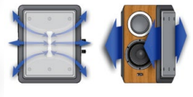
Exquisitely honed to provide an immersive sound-field experience

More natural And Clear Mid-to-High frequency range

The CE1TX boasts TAD's proprietary CST* Driver, which localizes sound sources for more natural musical reproduction. The directivity of the concentrically mounted midrange and tweeter is finely controlled and perfectly aligned to eliminate even the smallest disruption of sound.

Richer and smoother Mid-to Low frequency range

We have upgraded the diaphragm for the 18 cm woofer to a MACS II* diaphragm with the technology cultivated through TAD's professional drivers. It is made of five layers of woven and non-woven fabric to optimize the vibration characteristics of the shell-shaped diaphragm that integrates the center cap and cone into a single piece.



Impressively natural and rich bass

Another innovative approach we have taken to achieving ideal sound is the Bi-directional ADS* Port. It places slit-shaped ports (ducts) in right and left side-panels with flared openings to the front and rear to allow air to flow smoothly through them. You will be amazed at how such a compact speaker can deliver a roomful of rich, powerful bass.

*CST: Coherent Source Transducer *MACS II: Multi-layered Aramid Composite Shell Second Generation *Bi-Directional ADS: Bi-Directional Aero-Dynamic Slot

• Type/ 3-way, bass-reflex bookshelf speaker system • Drive units/ Woofer: 18cm cone; Midrange/tweeter: Coaxial 14 cm magnesium cone and 3.5 cm beryllium dome • Performance data/ Frequency response: 34Hz to 100kHz; Crossover frequencies: 250 Hz, 1.8 kHz; Maximum input: 200 W; Sensitivity: 85 dB (2.83 V, 1 m); Rated impedance: 4 Ω; Weight: 29kg per unit; Dimensions: 287 mm (W) x 510 mm (H) x 447 mm (D) Optional Speaker Stand TAD-ST2TX-K • Weight (per unit) : 18.5 kg • Dimensions (per unit) (with no spikes attached): 399 mm (W) x 591 mm (H) x 485 mm (D)

EVOLUTION ONE

TAD-E1TX-K

The fusion of physical beauty and full-range acoustic artistry

Sound with all its original brilliance

The E1TX adopts 9cm micro CST* Driver. The precision-designed midrange and tweeter are positioned coaxially for optimal directional characteristics with minimal audio interference, each complimenting the other's respective output and achieving the point sound source concept.

Captivating midrange and precise bass extension

Twin 16cm woofers feature TAD's proven MACC* Diaphragm combined with a powerful magnetic circuit to achieve outstanding drive linearity for superior midrange response and excellent bass extension.

Bass foundation developed through advanced engineering and art

The Bi-Directional ADS* Port is an innovative approach to achieving powerful bass reproduction. the unique Slit-shaped ports are positioned low and near the floor for the standing wave leakage reduction and the natural bass reproduction.

*CST: Coherent Source Transducer *MACC: Multi-Layered Aramid Composite Cone *Bi-Directional ADS: Bi-Directional Aero-Dynamic Slot

• Type: 3-way bass reflex floor-standing speaker system • Drive units/ Woofer: 16cm cone x 2; Midrange/tweeter: Coaxial 9cm cone/2.5cm dome • Performance data/ Frequency response: 29Hz to 60kHz; Crossover frequencies: 420Hz, 2.5kHz; Maximum input: 200W; Sensitivity: 88dB (2.83V, 1m); Rated impedance: 4Ω • Weight: 46kg per unit • Dimensions: 350mm (W) x 1215mm (H) x 512mm (D) [Including spikes]

MICRO EVOLUTION ONE

TAD-ME1-K / TAD-ME1-S

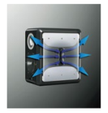
Unique technology concentrated in a compact body

Sound in vivid true colors

The 9cm micro CST* Driver has been made even more compact in pursuit of the point sound source concept. The directional characteristics of the coaxially configured midrange and tweeter have been matched to eliminate audio interference.

Incredible, expansive mid and bass

The 16cm woofer employs the new MACC* Diaphragm that has enhanced strength and low internal loss for ideal vibration characteristics, as well as a magnetic circuit with outstanding linear drive characteristics.



Rich and natural low tones

An innovative approach to achieving ideal sound: the Bi-Directional ADS* Port. Slit-shaped ports are positioned on both of the enclosure's side panels with flared openings to the front and rear. Considering the compact size, you'll be amazed at the rich and powerful sound field that will fill your listening room.

*CST: Coherent Source Transducer *MACC: Multi-Layered Aramid Composite Cone *Bi-Directional ADS: Bi-Directional Aero-Dynamic Slot

• Type: 3-way bass reflex bookshelf • Drive units/ Woofer: 16cm cone; Midrange/tweeter: coaxial 9cm cone/2.5cm dome • Performance data/ Frequency response: 36Hz to 60kHz; Crossover frequencies: 420Hz, 2.5kHz; Maximum input: 150W; Sensitivity: 85dB (2.83V, 1m); Rated impedance: 4Ω • Weight: 20kg per unit • Dimensions: 251mm (W) × 411mm (H) × 402mm (D) Optional Speaker Stand TAD-ST3-K/ TAD-ST3-S • Weight (per unit) : 16kg • Dimensions (per unit) (with no spikes attached): 376 mm (W) x 652 mm (H) x 460.2 mm (D)

EVOLUTION TWO

TAD-E2-WN

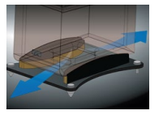
A blend of a serene ambience and acoustic artistry

Flawless, brilliant high-frequency details

The TAD-E2 features a tweeter with a 25mm beryllium diaphragm that delivers a polished sound in the mid-to-high frequency range. The directivity of the tweeter is optimally controlled by a newly developed waveguide on which it is mounted.

Powerful expression of clarity in the mid to low range

The combination of a newly developed MACC* diaphragm and a delta bracing structure incorporated into the twin woofers produces a powerful bass with smooth directivity changes.



Rich, natural bass reproduction

The port positioned on the bottom of the enclosure has openings to the front and the rear, essentially creating a port area the size of a large bass reflex port. This ingenious design lets the air pass through the port more slowly and contributes to a clear sound with a high SNR.

*MACC: Multi-Layered Aramid Composite Cone

• Type/ 2.5-way bass-reflex floor-standing speaker system • Drive units/ Woofer: 15.5 cm cone x 2; Tweeter: 2.5 cm beryllium dome • Performance data/ Frequency response: 30 Hz to 60 kHz; Crossover frequencies: 90 Hz, 2.8 kHz; Maximum input: 150 W; Sensitivity: 87 dB (2.83 V, 1 m); Rated impedance: 6 Ω (Minimum impedance: 4.5 Ω); Weight: 32 kg per unit; Dimensions: 320 mm (W) x 1,085 mm (H) (1,113 mm with spikes) x 405 mm (D)

PREAMPLIFIER

TAD-C1000-S / TAD-C1000-K NEW

Bringing every music to life

Purity

The single-stage, current feedback amplifier developed for the Reference Series has been newly developed and installed for this preamplifier. Furthermore, we have strictly tested the first-stage FET device and chosen matching pairs for + and - elements. This meticulous attention improves the stability of circuit operation and faithfully amplifies every nuance of the music.

Symmetry

The circuit pattern and parts are symmetrically laid out on the audio motherboard to suppress even the smallest amplification errors between + and - signals, as well as between R and L ch. We have even gone so far as to lay out power transformers, the chassis construction, and rear-panel jacks symmetrically to achieve optimum weight and vibration balances.

Elegance

The volume knob has an exquisite look and feel. It is mounted on high-precision ball bearings to ensure an exceptionally smooth and effortless rotation expected of TAD hi-fi audio components. The center-mounted design of the volume knob signifies the symmetrical layout of the internal circuits.

• Input terminals: 4 balanced, 2 unbalanced • Output terminals: 2 balanced, 2 unbalanced • Rated output voltage: 1.6 V balanced, 0.8V unbalanced • Maximum output voltage: 16 V balanced, 8V unbalanced • S/N ratio: 120 dB • Frequency response: From 10 Hz to 100 kHz at -1 dB • Power source: AC 120 V, 60 Hz (USA); AC 220 V to 240 V, 50 Hz/60 Hz (Europe, Asia) • Power consumption: 26 W (0.5 W or less during standby) • Dimensions: 440 mm (W) x 150 mm (H) x 424 mm (D) • Weight: 17.0 kg

2CH POWER AMPLIFIER

TAD-M1000-S / TAD-M1000-K

The essence of music is woven rhythmically into each note

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.

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 toroidal power transformer and specially designed electrolytic capacitors.

Vibration control through material science

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

• Power Output: 500 W (4Ω), 250 W (8Ω) / 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, 4Ω) • 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 kΩ (Balance) 0.75 V/ 47 kΩ (Unbalance) • Power Consumption: 250 W • Standby Power Consumption: Less than 0.5 W • Dimensions: 440 mm (W) x 148 mm (H) x 479 mm (D) • Weight: 29 kg

DISC PLAYER

TAD-D1000TX-S / TAD-D1000TX-K

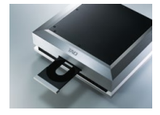
Bring the true beauty of music to life

Responsiveness

To convey all the emotion and passion of the music, reproduction must be precise and pure. In pursuit of this philosophy, the unique third-generation USB Communication Engine, Ultra-High C/N* Master Clock UPCG* and discrete I/V conversion circuits are incorporated to achieve flawless accuracy.

Authenticity

All internal parts and circuits are made and laid out with meticulous care and precision. For instance, the 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.



Progress

Our efforts to take the design of a unique disc-drive mechanism offers an exceptionally detailed and accurate playback of music. In addition, it serves as a digital media center capable of handling High-Res audio sources in the purest form with its own volume control.

*C/N: Carrier to Noise ratio *UPCG Ultra high Precision Crystal Generator

• Digital audio inputs/ 1 XLR, 2 coaxial, 1 optical, 1 USB (Type B) • 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 consumption/ 43 W • Power consumption during standby/ 0.5 W or less • Dimensions/ 440mm (W) x 150mm (H) x 406mm (D) • Weight/ 18.5 kg

D/A CONVERTER

TAD-DA1000TX-S / TAD-DA1000TX-K

Listening to recordings exactly as the artists intended

Responsiveness

To convey all the emotion and passion of the music, reproduction must be precise and pure. In pursuit of this philosophy, the unique third-generation USB Communication Engine, Ultra-High C/N* Master Clock UPCG* and discrete I/V conversion circuits are incorporated to achieve flawless accuracy.

Authenticity

All internal parts and circuits are made and laid out with meticulous care and precision. For instance, the 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.

Progress

TAD-DA1000TX serves as a digital media center capable of handling High-Res audio sources in the purest form with its own volume control. As an added bonus, it is equipped with a high-quality headphone amplifier driven by an independent power supply and circuit.

*C/N: Carrier to Noise ratio *UPCG Ultra high Precision Crystal Generator

• Digital audio inputs/ 1 XLR, 2 coaxial, 1 optical, 1 USB (Type B) • 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 consumption/ 49 W • Power consumption during standby/ 0.5 W or less • Dimensions/ 440mm (W) x 150mm (H) x 406mm (D) • Weight/ 16.5 kg

THE TRAIL OF BEING TRUE TO INTENTIONS OF MUSICIANS

Pioneer Corporation has been in the audio business for more than 80 years since 1937, when it introduced the A-8, the industry's first dynamic speaker in Japan. Since debuting in 1978, TAD speakers, originally developed by Pioneer, have won the hearts and minds of thousands of top-rated musicians and sound engineers around the world and found themselves in famed recording studios, concert halls, and movie theaters.

In 2007, TADL was spun off from Pioneer to extend the TAD brand's acclaim, engineering excellence, and design philosophy into the consumer market. Since its founding, TADL has been at the forefront of the high-end audio industry, bringing out one innovative audio product after another, all of which have been fascinating audiophiles and critics around the world.

The philosophy that the TAD brand has upheld for more than 40 years can be summed up as "genuine technology is true to the basics and that genuine technology places greater importance on sound quality than on technology for its own sake."

For years to come, we will continue to create high-end audio products that are true to intentions of musicians and that deliver a truly immersive, soul-stirring music-listening experience to proud owners.

CHRONOLOGY

1937	**Pioneer founder, Nozomu Matsumoto, develops the A-8 dynamic speaker.**
1938	Fukuin Shokai Denki Seisakusho (precursor of Pioneer) established in Tokyo.
1961	Fukuin Seisakusho changes trade name to Pioneer Electronic Corporation.
1975	**The TAD Project launched to develop professional speakers.**
1976	The SPEC15L horn driver, featuring the world's first beryllium diaphragm, released.
1978	The TD-2001 and TD-4001 drivers unveiled at AES.
1979	The first TAD-branded speaker units TD-1602, TD-4001, TL-1601, and TL-1602 released.
1981	The TM-1201 released.
1982	The TL-1601a released.
1983	The TSM-1 and TSM-2 released.
1987	The TL-1601b released.
1990	The TM-1201H and the TL-1801 released.
1997	The TL-1601c, the TL-1102, the TD-4003 and the TD-2002 released.
2003	**The TAD-M1 with the CST Driver, the first TAD-branded speaker system for consumer use, released.**
2007	**Technical Audio Devices Laboratories, Inc. established. The TAD-R1, the first Reference Series speaker system, released.**
2009	The TAD-M600, the first Reference Series audio component, released. The TAD-CR1 released.
2010	The TAD-M4300 and TAD-2500, the first Evolution Series audio components, released. The TAD-D600 released.
2011	The TAD-E1, the first Evolution Series speaker system, released. The TAD-C2000 and TAD-C600 released.
2012	The TAD-R1MK2 and TAD-CR1MK2 released.
2013	The TAD-D1000 and the TAD-DA1000 released.
2014	The TAD-CE1 released.
2015	The TAD-D1000MK2 and the TAD-M2500MK2 released.
2016	The TAD-ME1 released.
2018	The TAD-M1000 and the TAD-E1TX released.
2019	The TAD-R1TX, the TAD-M700, and the TAD-M700S released.
2020	The TAD-CR1TX released.
2021	The TAD-E2, the TAD-D1000TX, and the TAD-DA1000TX released.
2022	The TAD-CE1TX released.
2023	The TAD-D700, TAD-GE1, TAD-CE1TX-K, TAD-C1000, and the ET-703a released.
2024	The TAD-C700 released.