



Start Your Own Hi-Res Audio Tradition

Make a telepathic connection to music with the SE-MONITOR5. As a fully-enclosed dynamic stereo headphone that provides an excellent listening environment, focus is placed on faithful reproduction of Hi-Res Audio formats. Yet Pioneer has voiced them to convey music's emotional intent for a listening experience that moves mind and soul. Achieving this meant exploring new driver materials, innovating structures that limit resonance, and introducing proven technologies unveiled with our SE-MASTER1 flagship. Blending time-tested approaches with the latest in materials science, these headphones let music unfurl over a vast soundstage with localization, detail, and control that's captivating. Shipping with balanced and unbalanced cords, the SE-MONITOR5 presents a unique opportunity to reignite your passion for music in comfort and style.

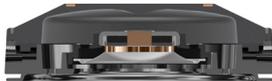
Custom Driver for Hi-Res Audio

Biology meets technology in an all-new Cellulose Nano-Fiber headphone transducer. Organic wood pulp refined on the nano-scale forms the basis for a 5 Hz–85 kHz-capable 50 mm (1.96") driver built for one purpose: fidelity to the source brimming with the magic in every great musical performance.



Built to Eliminate Distortion

The only vibrations you feel with the SE-MONITOR5 are good. In every aspect and structural detail, innovative ideas are applied to wipe resonance distortion from the audio image. From materials selection, unique dual-chamber system, diffuser technology, to floating structure, the SE-MONITOR5 delivers a clear and unblemished sonic picture.



Magnesium Alloy Base and Housing Eliminates Resonance

Base and housing construction have a significant impact on sound quality. Rather than plastic, the SE-MONITOR5 employs super-rigid magnesium-alloy material that allows the transducer to achieve best performance. Enjoy taut, clearly defined bass with accurate spatial sound placement that's true to the source.



Support for Balanced and Unbalanced Audio

Three cords are included: two unbalanced bi-wire cords featuring standard 3.5 mm (1/8") stereo connectors, and one balanced audio cord with a 2.5 mm (3/32") 4-pole stereo plug to suit compatible DAPs. Experience enhanced stereo separation and S/N performance afforded by balanced audio on headphones that take this sensation to new heights. Comfort comes with 3D memory-foam pads wrapped in velour-type cloth or soft leather-type material, and adjustable hangers to assure a secure fit.



AUDIO DESIGN FEATURES

- > 50 mm (1.96") Cellulose Nano-Fiber Wide-Spectrum Driver
- > Magnesium Alloy Base and Housing to Reduce Resonance
- > Advanced Double Chamber Construction with Ports for Bass Definition and Clarity
- > Magnesium Alloy Housing with Original Diffuser to Reduce Distortion
- > Copper-coated Aluminum Voice Coil and Large Magnet
- > Full-frame Magnesium Alloy Basket with Screws
- > Floating Structure with Rubber Insulators to Reduce Vibration and Cross-channel Interference

INDUSTRIAL DESIGN FEATURES

- > Separate Super Duralumin Alloy Hangers
- > Padded Headband with Finely Adjustable Slider Mechanism
- > 3D Sculpted Earpads for Excellent Comfort and Seal
- > Memory-foam Earpads Wrapped in Comfortable Velour-type Cloth or Soft Leather-type Material (Factory Default: Velour-type Cloth)
- > Detachable Cord Design for Sound Personalization and Service
- > Sophisticated Styling and Premium Finish

CORDS & CONNECTORS

- > 3 m (9 ft.) Dual-wire Braided Cord (Unbalanced)
- > 1.6 m (5 ft.) Dual-wire Braided Cord (Unbalanced)
- > 1.6 m (5 ft.) Dual-wire Braided Cord (Balanced)
- > Gold-plated 3.5 mm (1/8") 3-pole Stereo Connector (Unbalanced Cords)

- > Gold-plated 2.5 mm (3/32") 4-pole Stereo Connector (Balanced Cord)
- > Gold-plated 3.5 mm (1/8") Connectors for L/R Channels (All Cords)
- > High Conductivity, Low-resistance Copper-core Cords

SPECIFICATIONS & ACCESSORIES

- > Headphone Type: Fully-enclosed Dynamic Headphones
- > Driver Units: ϕ 50 mm (1.96") Dynamic Driver
- > Impedance: 40 Ohms
- > Frequency Response: 5 Hz–85 kHz
- > Sensitivity: 99 dB
- > Maximum Input Power: 1,000 mW
- > Weight: 480 g (16.93 oz.) Not Including Cord
- > Cord 1: Unbalanced Cord (OFC Litz Wire) 1.6 m (5 ft.), ϕ 3.5 mm (1/8") Stereo Mini-plug (Gold-plated)
- > Cord 2: Unbalanced Cord (OFC Litz Wire) 3.0 m (9 ft.), ϕ 3.5 mm (1/8") Stereo Mini-plug (Gold-plated)
- > Cord 3: Balanced Cord (OFC Litz Wire) 1.6 m (5 ft.), ϕ 2.5 mm (3/32") 4-pole Stereo Super-mini Plug (Gold-plated/Balanced Connection-compatible)
- > Supplied with Ear Pad \times 2 (Polyurethane / Leather Finish), Carrying Pouch, Gold-plated 3.5 mm to 6.3 mm (1/8" to 1/4") Plug Adapter, User Manual, and Warranty Card



Carton: Dimensions (W x H x D)
230 x 250 x 145 mm
(9 1/16" x 9 27/32" x 5 23/32")

Cellulose Nano-Fiber Elevates the Hi-Res Audio Experience

Cellulose Nano-Fiber is made from wood-derived fiber (pulp) that has been defibrinated to the nano level of several hundredths of a micron and smaller, resulting in cellulose material that's five times stronger and one-fifth lighter than iron. Cellulose Nano-Fiber has requisite stiffness to extend high-frequency response in excess of Hi-Res Audio bandwidths for harmonically unblemished sound. Its organic composition absorbs minute resonances for faithful source reproduction, sounding particularly natural with acoustic instruments and vocals.

Full-Range Dynamic Design

Sound blooms true to the artist's intent through these 50 mm (1.96") full-range dynamic drivers. Large surface area and no crossover assure perfect phase alignment for cohesion and localization. The unique transducer profile was developed in-house to shed unwanted resonance, revealing details otherwise veiled in distortion. Voiced to present music transparently on a spacious soundstage, these Cellulose Nano-Fiber drivers will satisfy listeners who value accurate reproduction of quality sources.



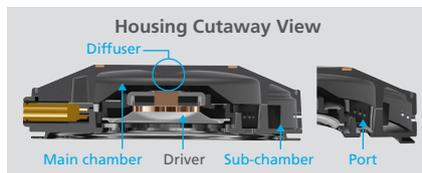
Magnesium Alloy Base and Housing

To capitalize on the high performance offered by the newly developed driver, Pioneer selected magnesium alloy not only for the base, but also for the housing. The highly rigid material suppresses vibration that generates interference and distortion, particularly from deep bass notes at high volume.



Double Chamber Construction with Ports and Unique Diffuser

Headphone housings are made wide to expand main chamber volume and allow for a thicker housing mold, taming resonance. Main chambers have unique sculpted diffusers that disperse sound pressure into ported sub-chambers relieved by vents. The patented design reduces sound pressure level behind the driver to assure taut, clean, well-defined bass. Further, the system attenuates sound leakage.



Full Basket System

Harnessing the same construction techniques used for the SE-MASTER1, the SE-MONITOR5 features a Full Basket System to facilitate energetic sound reproduction and suppress unwanted resonance. A magnesium alloy part firmly secures the driver assembly to magnesium alloy base with screws, not glue, as is common with other headphones.



Floating Structure

The SE-MONITOR5 benefits from the same floating base structure developed for the SE-MASTER1 flagship. The entire base assembly floats on rubber insulators to prevent L/R channel interference.



Super Duralumin Hangers

Like the SE-MASTER1 flagship, hanger arms are constructed from super duralumin alloy. A wide yet finely graduated range of adjustment provides a comfortable fit for all listeners, with generously padded headband relieving pressure at contact points. Together with 3D earpads, the SE-MONITOR5 can be worn for hours without fatigue.



Supplied with Two Pairs of Premium Earpads

The SE-MONITOR5 features the same sculpted 3D memory-foam cushion design featured on our SE-MASTER1 headphones. Wrapped in soft velour-type cloth, the pads easily detach should you wish to change to supplied soft leather-type earpads. Whichever you choose, expect hours of immersive listening in total comfort.



Velour-type

Leather-type

Original Unbalanced Cord Design

Custom fabricated by Pioneer in Japan, the included unbalanced audio cords feature gold-plated 3.5 mm (1/8") 3-pole stereo connectors. Dual wires are braided to reduce electromagnetic interference and to resist tangling. The 1.6 m (5 ft.) and 3 m (9 ft.) cord lengths allow for easy enjoyment of premium sound on the go or while relaxing at home.



Balanced Audio Cord Included

Also made by Pioneer in Japan, the included 1.6 m (5 ft.) balanced audio cords feature gold-plated 2.5 mm (3/32") 4-pole stereo connectors. Dual wires are braided to reduce electromagnetic interference and to resist tangling. The perfect partner for next-generation DAPs, this balanced cord lets you experience an increase in headroom, channel separation, and overall clarity. With signals for left and right channels treated independently, crosstalk is eliminated for appreciably improved stereo performance.



INTEGRATED TECHNOLOGIES



Note: To enable Hi-Res Audio playback, a source device capable of outputting Hi-Res Audio is required. Specifications and design are subject to change without notice.

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