

Pioneer

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Pioneer

STEREO HEADPHONES
SE-MASTER1



DELIVERING THE EXHILARATION
OF MUSIC TO THE WORLD.

ONE VISION AT THE HEART OF
OUR HISTORY IN SOUND.

Pioneer's history in quality audio equipment began 80 years ago, with the vision of 'delivering the joy of music to people far and wide'. In 1937, we produced the A-8, the first dynamic speaker to be produced in Japan, and we have been committed to high fidelity sound reproduction ever since. Whether we are making home speakers, car speakers or headphones, our focus is always on the pure, faithful reproduction of sound.

We have been developing and producing ground-breaking headphones for more than half a century, starting with the SE-1 headphones in 1960.

Now we're writing the next chapter in our long history of technical supremacy and purity in sound design.



1937
The A-8: The first dynamic speaker
to be produced in Japan.

THE FLAGSHIP SE-MASTER1
CONTINUES OUR LEGACY.
WELCOME TO THE FUTURE OF
SOUND REPRODUCTION.



HALF A CENTURY OF GROUND-BREAKING HEADPHONE TECHNOLOGY

1960



SE-1
The Pioneer headphones story begins. These fully enclosed, dynamic SE-1s used stereo sound to deliver a wide sound stage.

1971



SE-100
Audiophiles loved the lightweight SE-100s, which used electrostatic technology rather than magnetic circuits to achieve a superb sound.

1973



SE-205
These consumer-oriented, fully enclosed headphones remained a hit for a long time; we released them as the 205, 255, 305 and 405 series.

1974



SE-700
The world's first high-polymer elemental headphones. Won Gold Sim and Top Form prizes at the prestigious design awards in Italy.

1975



MONITOR 10
The classic Monitor 10s were designed for monitoring in broadcast studios – but received excellent reviews from audio professionals and audiophiles alike.

1977



SE-11
Popular headphones that used our proprietary high-grade, variable chamber and open-air design to reproduce an extremely natural, dynamic sound.

1979



SE-1000
Premium headphones with HA-1000 amplifiers, the SE-1000s were acclaimed as the ultimate example of electrostatic technology's crystal clear sound.

1980



MASTER-1G
Variable chamber, open-air headphones that benefited from decades of headphone technology know-how.

2015

THE FLAGSHIP SE-MASTER1 IS BORN
COMBINING TECHNOLOGICAL LEADERSHIP WITH VISIONARY
INNOVATION.



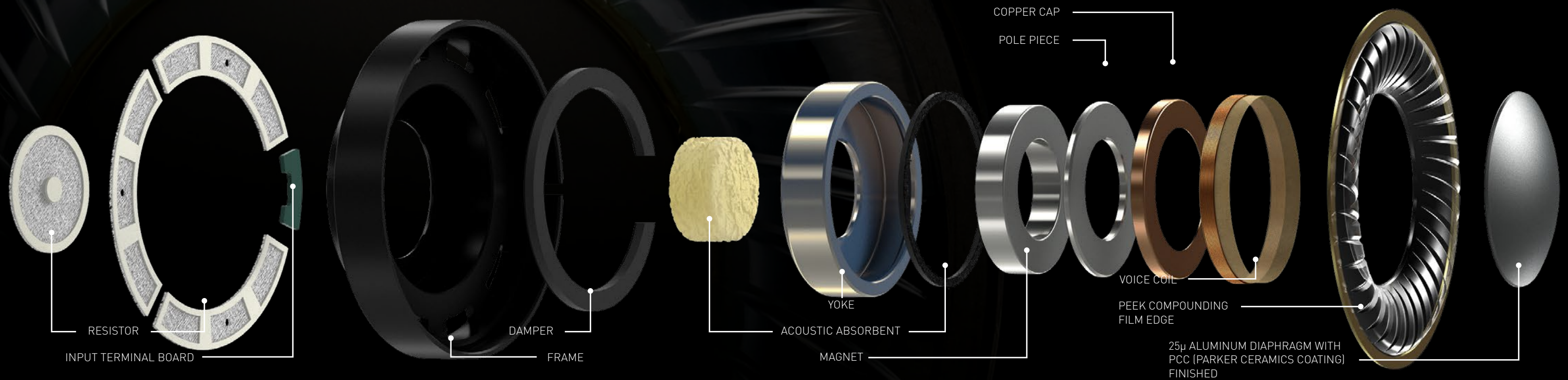
Open-air dynamic stereo headphones
SE-MASTER1



MADE IN JAPAN HAND-CRAFTED BY A MASTER

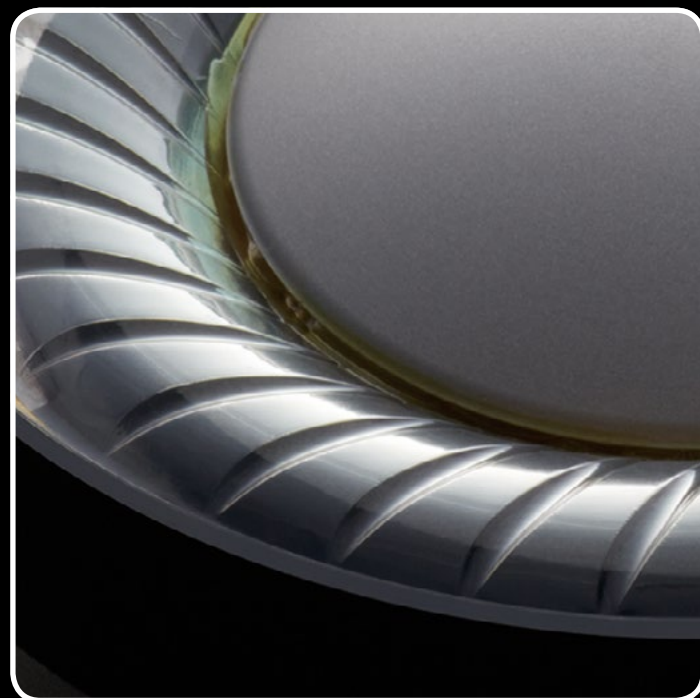
Nothing is held back in the production of these flagship headphones. Each SE-MASTER1 is assembled by a master specialist at the Tohoku Pioneer Plant, Yamagata Prefecture – the birthplace of many iconic speaker models. We pour our advanced technological know-how into every step of the journey – from design to production and quality control – so your headphones deliver excellence without compromise.

THE JOY STARTS THE MOMENT YOU TOUCH THE HEADPHONES.
EVERY ELEMENT WAS DESIGNED FOR YOUR LISTENING PLEASURE.



THE INDUSTRY'S FIRST ALUMINIUM DIAPHRAGM WITH CERAMIC COATING

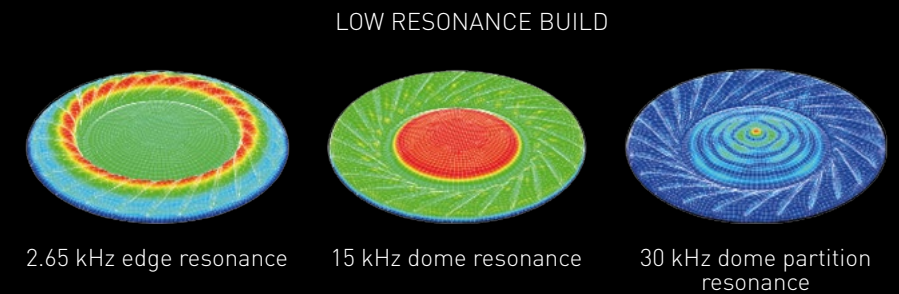
THE LIGHTWEIGHT, 25µ-THICK ALUMINIUM DIAPHRAGM IS TREATED WITH A CERAMIC COATING TO ADD RIGIDITY, ENHANCE ITS NATURAL PERFORMANCE, AND DELIVER EXCELLENT SOUND QUALITY. THE RESULT IS A HIGH-RESOLUTION SOUND ACROSS ALL FREQUENCIES WITH MINIMUM NOISE.



Rigid diaphragm edges eliminate distortion
The diaphragm's edges are ribbed and made with a sturdy poly-ether-ether-ketone (PEEK) film to deliver a smooth sound and reduce distortion.

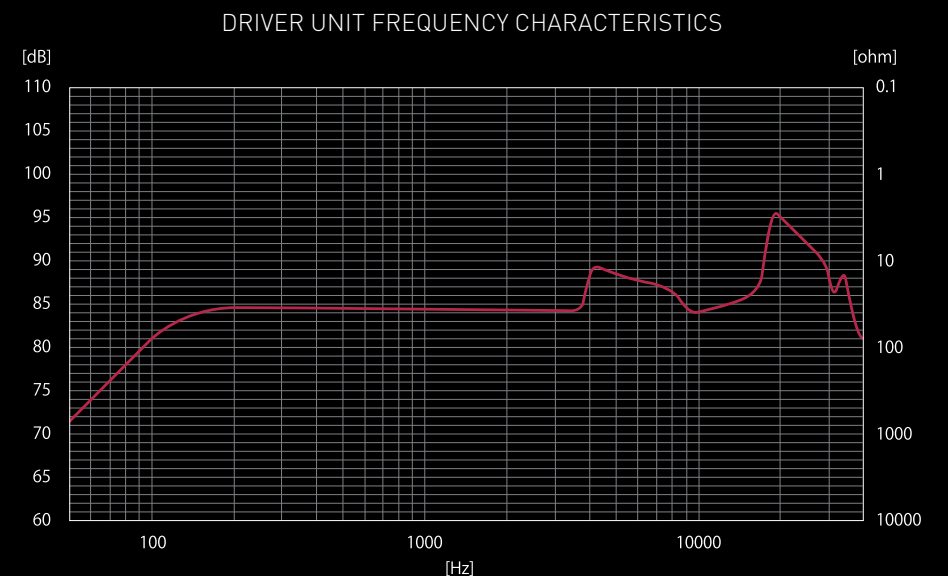
OPTIMUM SOUND QUALITY ACHIEVED USING COMPUTER AIDED ENGINEERING

Our specialists used Computer Aided Engineering (CAE) to select, prototype and test the best materials for the diaphragm and magnetic circuits, ensuring superb sound characteristics and clarity.



SUPERIOR HIGH-RESOLUTION PLAYBACK

The SE-MASTER1s are capable of reproducing high-resolution audio of up to 85,000 Hz, more than double the minimum requirement for high-res headphones (40,000 Hz). So you can experience every unadulterated detail of your high-res music.



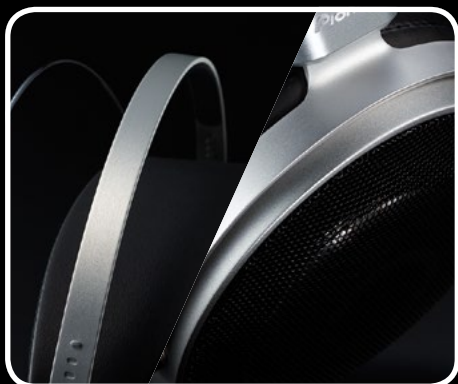
SNUG FITTING, SOFT EAR PADS FOR EXTRA COMFORT

Proprietary three dimensional ear pads adapt to fit your contours thanks to a proprietary design using two thicknesses of memory foam – thin at the front and thick at the back. The ear cups are covered with a soft leather-type material for extra comfort.



LIGHTWEIGHT BUILD AND NATURAL FIT

The headband and hanger parts use a super duralumin alloy to achieve a light, natural fit that lets you forget everything but the music you're immersed in.



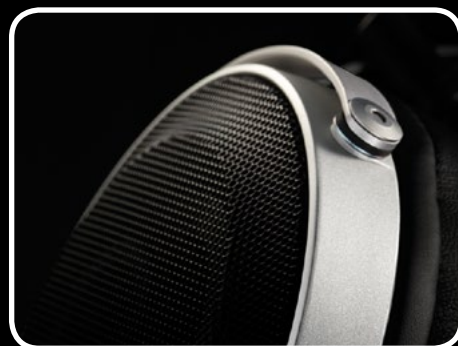
CUSHION FOR ADDED STABILITY

The wide, suede-feel head cushion can be adjusted to 14 different positions, giving you excellent comfort and stability at home.



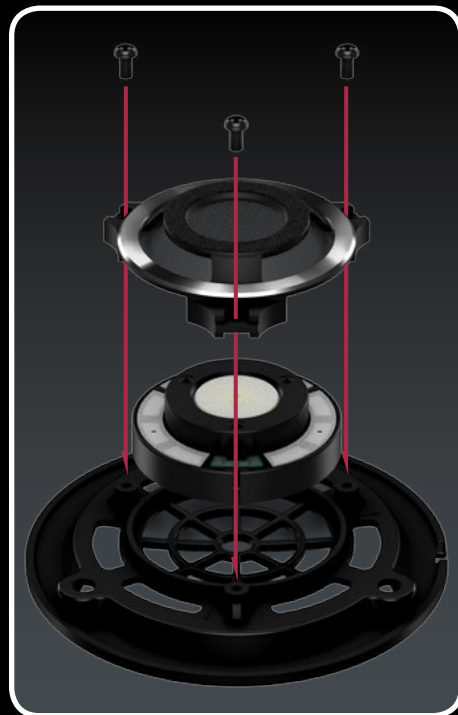
ALUMINIUM HOUSING ENSURES TIGHT BASS AND CLEAR MID AND HIGH FREQUENCIES

3.5mm-thick aluminium alloy housings minimise resonance from the driver units to produce an accurate sound with a clearly defined, tight bass and high-res mids and highs.



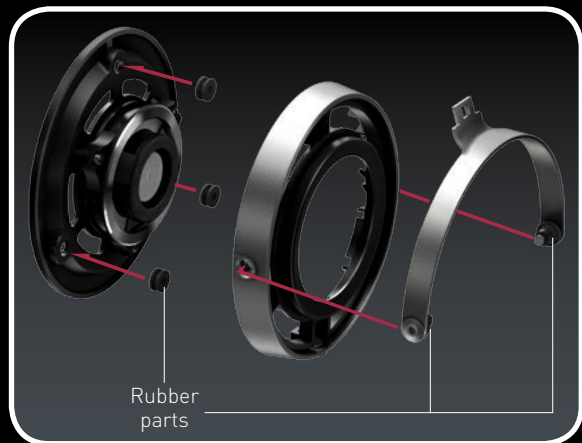
FULL BASKET SYSTEM DELIVERS AN ENERGETIC, LOW-RESONANCE SOUND

Originally developed for car speakers, the full basket system reduces resonance while delivering an energetic sound. The speaker unit is firmly secured using aluminium and the base is finished with ASA resin, which adds excellent weather resistance.



FLOATING STRUCTURE FOR LOW DISTORTION AND CLEAR SOUND SEPARATION

Rubber is inserted in the links between the base, housing and hanger parts to prevent vibrations and interference. Inherited from our speaker ranges, this floating structure also improves separation between left and right to deliver an enhanced sound stage.



INTERCHANGEABLE TENSION RODS TO ELIMINATE WEARER FATIGUE

The SE-MASTER1s feature the industry's first detachable lateral pressure rods, enabling you to choose your preferred headband tension. Simply change the tension rod to achieve either more, or less lateral pressure and enjoy superb sound isolation and comfortable wear over long periods.



DETACHABLE, ROBUST, TANGLE-FREE CORD

The robust cord uses a detachable MMCX type connector so you can replace the cord as needed. The cord is cloth-wrapped between the plug and the branch, and coated with lead-free PVC from the branch to the ear cup – to reduce touch noise, increase strength, and eliminate tangles.



TAKE THE SOUND OF YOUR HEADPHONES TO ANOTHER LEVEL WITH THE HIGH RESOLUTION HEADPHONE AMPLIFIER U-05



The U-05 headphone amplifier features a high-grade D/A converter to reproduce high resolution digital sound sources. Combine with the SE-MASTER1 headphones for an audio experience that is out of this world.



Type	Open-air dynamic (Closed-front, open-back)	Cable	3.0 m OFC litz wire
Driver units	ø50 mm (neodymium magnet)	Plug	ø6.3 mm standard stereo plug (gold plated)
Sensitivity	94 dB	Weight	460g (without cable, tension rod)
Frequency response	5 Hz to 85 000 Hz	Accessories	Tension rod A: ø1.6 mm (product sold with rod A in place) Tension rod B : ø2.0 mm
Maximum input power	1 500 mW		
Impedance	45 Ω		

BALANCED XLR CABLE (SOLD SEPARATELY)

A balanced XLR cable is available for the SE-MASTER1, ideal for use with a headphone amplifier to deliver superior sound quality. Features a NEUTRIK-manufactured XLR connector on the headphone end, and both connectors are gold plated to reduce contact loss.



Balanced XLR cable for SE-MASTER1 JCA-XLR30M (3m)



ENGRAVED SERIAL NUMBER

Each SE-MASTER1 is engraved with its own serial number, making it unique to you.

EXPERIENCE THE JOY OF THE SE-MASTER1 AT WWW.PIONEERELECTRONICS.COM/HOME



SE-MASTER1

Approved AIR Studios Monitor Reference Headphones

AIR Studios in London is world-famous for its matchless music production facilities and is the recording studio of choice for many iconic artists. The SE-MASTER1s are the first headphones ever to be named AIR Studios Monitor Reference Headphones, a rare honour that we wear with pride.

PUTTING THE SE-MASTER1 TO THE TEST WITH AIR STUDIOS

AIR Studio's technical director Tim Vine-Lott was integral in the tuning of the SE-MASTER1s. Tim's discerning ears helped us to compare the headphones to premium reference speaker systems and identify the adjustments needed to ensure the headphones delivered the same sound quality. This process of fine-tuning was repeated until the headphones met AIR Studios' high standards, delivering faithful reproduction of all sound sources – from the down to the most subtle highs to the deepest bass.



AIR Studios was established in 1969 by world famous producer Sir George Martin. Since then it has earned a reputation as the world's finest recording studio, earning the trust of many world famous artists.

TIM VINE-LOTT AIR Studios Technical Director

I've tuned many audio products in the past, but tuning the SE-MASTER1s was an interesting and challenging experience, completely different to working with amplifiers and speakers. Headphones have none of the adjustable electric circuits you'd find in amplifiers or speaker systems, and the smallest change could have unexpected effects on sound quality – e.g. if we slightly altered the size of the hole controlling the backpressure of the driver units. But, working with Pioneer's engineers, we were able to achieve the best sound quality. I really hope everyone will enjoy the wonderful sound of the SE-MASTER1.

As technical director at AIR Studios, Tim Vine-Lott has been involved in producing countless albums for artists and soundtracks for films. Responsible for granting AIR Studio Certification to audio visual products that pass strict standards, he works with Pioneer in tuning our amplifiers, speakers and now headphones.

