

SOLITAIRE[®] P-SE

Planar-magnetostatic headphones



Solitaire P-SE

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With the introduction of the Solitaire P we were immediately successful in producing reference headphones - appreciated and celebrated all over the world. With its combination of elegant design details and technical innovations the new Solitaire P-SE is directly descended from the innovation and technology of our reference Solitaire P headphones, with very carefully chosen changes to materials and transducer techno-

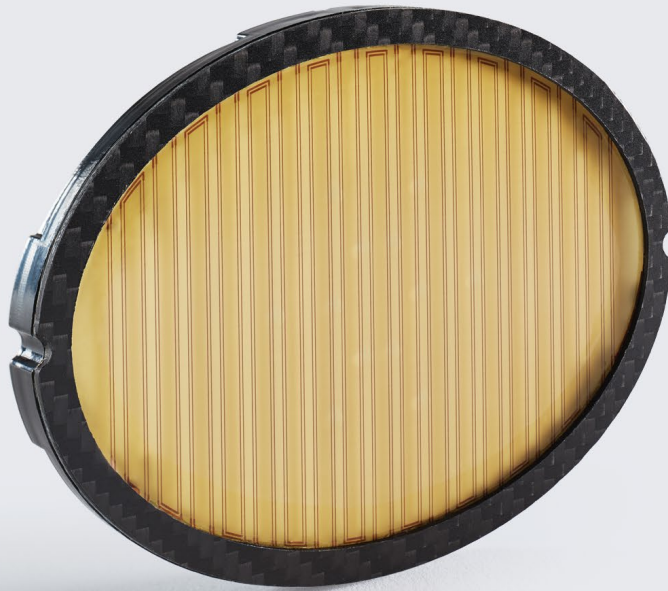
logy that allow exceptional performance in a more affordable product.

Thus carrying the great performance of the Solitaire P into a new price bracket, and re-interpreting its iconic appearance in a restrained but arresting manner.

The Solitaire P-SE carries the Solitaire P's DNA into a new price class, but it is far more than just a clone: from the modified converter and the Draft Control System to the headband the Solitaire P-SE constitutes a separate, distinct product.

Sebastian Kobelt - Solitaire P-SE Project Manager





Design

Our design philosophy of timeless reduction is reflected in the Solitaire P-SE - both as an object in itself and in many small details. The narrow headband gives the Solitaire P-SE a compact, modern profile, while the black ear cups are a new interpretation of the Solitaire P's iconic appearance.



Transducer

The Solitaire P-SE is driven by our in-house transducer TPM 2500. The fundamental design of this transducer is based on the Solitaire P's TPM 3100, but the new transducer incorporates far-reaching detail changes. The special membrane located over the magnet array is damped with copper conductor tracks, while the Solitaire P's Draft Control System has been revised in order to meet the particular requirements of the headphones' durable plastic construction. The net result is a driver capable of carrying the celebrated sound philosophy of the Solitaire P and TPM 3100 into a new price bracket. The resulting sound signature is characterized by a total lack of inertia, incredible bass-performance, and a sweet treble range.

Materials

All these features give the Solitaire P-SE a distinctively different appearance from the original model, without denying its family likeness. We have achieved a substantial reduction in weight by employing high-quality plastics, whilst maintaining the same high level of comfort in use. The dedicated ear-cushions were developed to suit the composite materials; allowing for an incredible positional accuracy of each instrument without compromising the expansive soundstage.



Connections

Compact, lightweight and high in quality - these were the cable requirements selected for the Solitaire P-SE. Their impedance matching and symmetrical construction guarantee excellent sound characteristics, while their welded connections make them highly resistant to external influences. The Solitaire P-SE comes with two plugs: A 6.3 mm standard jack as well as the choice of a balanced 4.4 mm Pentaconn or XLR plug.





SOLITAIREP-SE

Specifications



Solitaire P-SE

Transducer principle	Planar-magnetostatic
Impedance	45 Ohms
Frequency response	8 Hz - 45 kHz
Distortion	< 0,015 % @ 100 dB
Maximum sound pressure level	> 130 dB
Sensitivity	101 dB @ 1 kHz, 1V
Transducer size	elliptic 110 x 80 mm
Type of construction	Open, over ear
Connectivity	Wired transmission, un-balanced 6.35 mm, balanced 4.4 mm Pentaconn or XLR-4-Pin
Material	thermo plastic, steel, allergen-free synthetic leather and velour
Weight	440 g excl.cable

Technical modifications reserved

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