

GRAND ORCHESTRA

Everything at a glance

PRODUCT DATA SHEET



Subject to modifications and errors, picture similar to product.



The two-and-a-half-way design of the GRAND ORCHESTRA enables both homogeneous dispersion and high sensitivity. At the same time, the impedance is optimised across the entire frequency range. The rearward sloping baffle, the offset air motion transformer (AMT) and the carefully tuned crossover ensure improved timing, precise instrument location and a spacious stage. The AMT's optimised wave guide prevents sound wave interference and

edge diffraction, resulting in a wide and even dispersion pattern. The cabinet is made of high-density fibreboard (HDF) and has no parallel walls apart from the sides. The material and design thus reduce standing waves and prevent cabinet resonance. A slim floor-standing speaker that also harmonises well with smaller amplifiers and tubes.

GRAND ORCHESTRA

DESIGN

Hand-crafted wooden casing with rounded corners and high-quality matt finish.
No parallel walls except on the sides. Designed and developed in Germany.

Available in these colours:



Black
(matt)



White
(matt)



PRODUCT HIGHLIGHTS

AIR MOTION TRANSFORMER:

Low weight
High sound pressure with small diaphragm amplitudes
Strong neodymium drive

2X WOOFER:

PE-coated membrane
Strong double magnetic drive
Sturdy die-cast basket

HIGH QUALITY HOUSING MADE OF HIGH-DENSITY FIBERBOARD (HDF) WITH INTERNAL MATRIX

TECHNICAL SPECIFICATIONS

Description	2 1/2-way hi-fi speakers
Woofer	2x 6" PE-coated paper driver with die-cast basket and double magnet
Tweeter	Air Motion Transformer with neodymium drive, membrane area approx. 85 cm ²
Housing	HDF (high density fibreboard) with internal matrix
Recommended amplifier power	50 - 170 W
Impedance	4 Ω
Frequency range	38 Hz - 32 KHz @ -6 dB
Sensitivity	87,5 dB SPL (2,83 V/1 m)
Speaker cover	removable
Dimensions (W x D x H)	ca. 210 x 349 x 989 mm, ca. 280 x 349 x 1042 mm (stand feet included)
Recommended amplifier power	50 - 170 W
Weight	Approx. 24,8 kg/pce
Others	Foam plug for bass reflex tube Screw thread Ø M6 on the underside for speaker feet

More on: sonoro.com/en/produkt/grand-orchestra