

ME 150

musikelectronic geithain



STUDIO MONITORING SYSTEMS

HIGHEND LOUDSPEAKER

SOUND REINFORCEMENT SYSTEMS



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ME 150

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Musikelectronic Geithain's product range of passive home loudspeakers allows integrating the unique sound image of our active loudspeakers into an existing hi-fi concept. The experience from three decades of loudspeaker making has been incorporated into the development and manufacturing of this product line, applying well-proven and consequently refined technologies such as our *MCDS Coax (Minimum Colouration Directivity Steering Coax)*. Top-level quality is guaranteed due to complete fabrication in our Saxon manufacture.

The two 6.5-inch cone loudspeakers of the ME150 passive 3-way floorstanding loudspeaker are responsible for the reproduction of the bass and mid frequencies and convince with excellent converter linearity. Both bass-midrange systems are placed in a bass-reflex cabinet with a downward-radiating exit opening. This design simplifies the positioning of the loudspeakers for achieving optimal bass reproduction in your listening room. A 1-inch calotte serves as tweeter unit, located coaxially in front of the upper bass-midrange system. The particular radiation characteristics, in connection with the coaxial arrangement, allow a homogenous and natural sound image for a basis width between 2 m and 3.5 m. Using a suitable AV receiver, the ME 150 floorstanding loudspeaker can be complemented with a subwoofer from our BASIS series.

The general concept of the passive 3-way coaxial loudspeaker ME 150 is characterised by its well-balanced and low-distortion sound image and its high dynamic qualities.

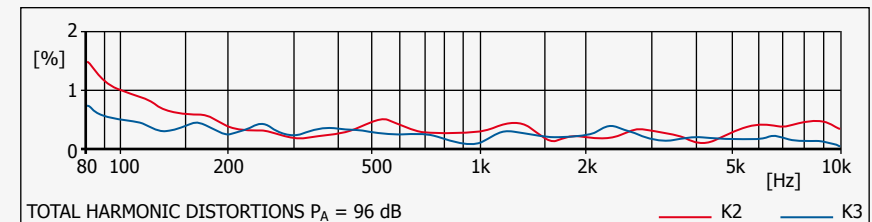
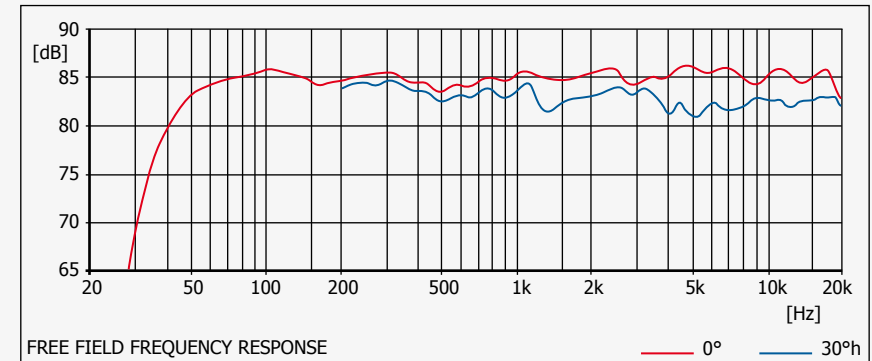


TECHNICAL PROPERTIES



| | |
|---|--|
| GENERAL | Passive high-end-floorstanding-loudspeaker for hearing distances between 2 and 3.50 m |
| PRINCIPLE OF CONSTRUCTION | Coaxial 3-way-system in vented box |
| MAXIMUM SPL | 112 dB peak / r = 1 m (3.3 ft) |
| SENSITIVITY | 85 dB |
| BANDWIDTH | 45 Hz ... 20 kHz - 3 dB / 4 pi |
| DIRECTIVITY INDEX FROM 100 Hz ... 10 kHz | increasing from 3 to 8 dB |
| TOTAL HARMONIC DISTORTION MEASURED AT 96 dB / r = 1 m (3.3 ft) FROM 100 Hz ... 10 kHz | ≤ - 40 dB |
| ELECTRONIC Crossover FREQUENCIES | 300 Hz and 2.2 kHz |
| IMPEDANCE | 4 Ohm |
| NOMINAL POWER CAPACITY | 160 Watt |
| MAXIMUM POWER CAPACITY | 200 Watt (at programme material) |
| RECOMMENDED AMPLIFIER POWER | 100 ... 200 Watt |
| LOUDSPEAKER SYSTEMS | |
| WOOFER | 160 mm (6.5") cone |
| MID-RANGE UNIT | 160 mm (6.5") cone |
| TWEETER | 25 mm (1") dome |
| INPUT CONNECTOR | bi-wiring, gold-plated screwed joint |
| DIMENSIONS | |
| LOUDSPEAKER (H x W x D) | 1035 x 240 x 300 mm (40.7 x 9.5 x 11.8 in) |
| BASEPLATE (W x D) | 285 x 330 mm (11.2 x 13 in) |
| WEIGHT | 26 kg 58 (lbs) |
| DESIGN OF THE CABINET | MDF-wood in cherry veneered and stained SU38, MDF-wood in ash black veneered, different veneers or colors optional |

Acoustic diagrams



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STUDIO MONITORING - HIGHEND LOUDSPEAKER - SOUND REINFORCEMENT
SYSTEMS

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„No ifs and buts, Joachim Kiesler succeeded to build an extremely living-room-friendly passive loudspeaker. Its sound keeps up with the paramount performance of the active monitors. A down-to earth speaker that does what it was created for – passing on the music just as it is being supplied.“

Rolf Linden-Brüning, „Hörerlebnis“ magazine, issue 63 (2008)