

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.

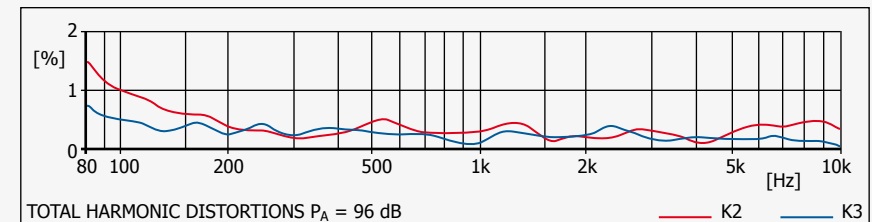
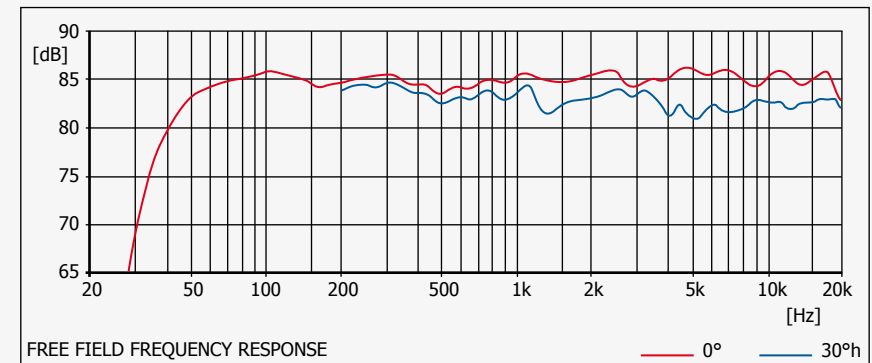




TECHNICAL PROPERTIES

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)