

**ME 110**

**musikelectronic geithain**



STUDIO MONITORING SYSTEMS

HIGHEND LOUDSPEAKER

SOUND REINFORCEMENT SYSTEMS



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**ME 110**

# ME 110

**M**usikelectronic 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.

**T**he ME 110 passive 3-way coaxial loudspeaker is the smallest floorstanding loudspeaker in our ME series. Its two 5-inch cone loudspeakers, which reproduce the bass and middle frequency range, convince with excellent converter linearity. They are fitted into 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 1.50 m and 3 m. Using a suitable AV receiver, the ME 110 floorstanding loudspeaker can be complemented with our BASIS 11K subwoofer.

The general concept of the passive 3-way coaxial loudspeaker ME 110 is characterised by its well-balanced and low-distortion sound image and its dynamic qualities.

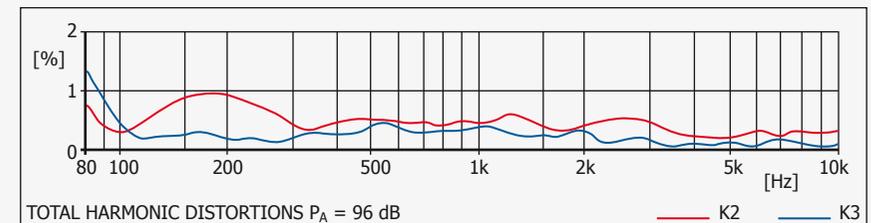
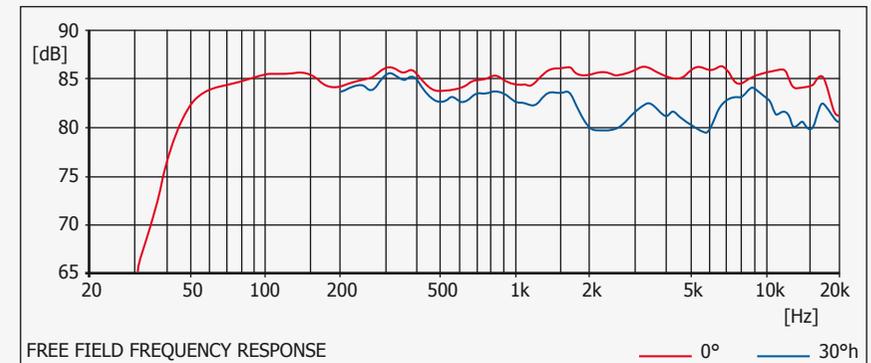


## TECHNICAL PROPERTIES



GENERAL	Passive high-end-floorstanding-loudspeaker for hearing distances between 1.50 and 3 m
PRINCIPLE OF CONSTRUCTION	Coaxial 3-way-system in vented box
MAXIMUM SPL	110 dB peak / r = 1 m (3.3 ft)
SENSITIVITY	85 dB
BANDWIDTH	45 Hz ... 20 kHz - 3 dB / 4 pi
DIRECTIVITY INDEX FROM 200 Hz ... 10 kHz	increasing from 3 to 11 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	80 Watt
MAXIMUM POWER CAPACITY	120 Watt (at programme material)
RECOMMENDED AMPLIFIER POWER	80 ... 120 Watt
LOUDSPEAKER SYSTEMS	
WOOFER	125 mm (5") cone
MID-RANGE UNIT	125 mm (5") cone
TWEETER	25 mm (1") dome
INPUT CONNECTOR	bi-wiring, gold-plated screwed joint
DIMENSIONS	
LOUDSPEAKER (H x W x D)	955 x 205 x 245 mm (37.6 x 8 x 9.6 in)
BASEPLATE (W x D)	250 x 290 mm (9.8 x 11.4 in)
WEIGHT	18 kg (40 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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SYSTEMS

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