

**ME 25**

**musikelectronic geithain**



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STUDIO MONITORING SYSTEMS

HIGHEND LOUDSPEAKER

SOUND REINFORCEMENT SYSTEMS

# ME 25

**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 25 2-way coaxial loudspeaker is the most compact passive loudspeaker in our ME series. Its 5-inch woofer system and its 1-inch tweeter system are integrated into a bass-reflex cabinet and feature excellent converter linearity. The ME 25 performs very well as front and effect loudspeaker in 5.1 surround systems; in connection with a suitable AV receiver, it can be complemented with our Basis 11K subwoofer. Its mid-treble range qualities are highly independent of room characteristics, which contributes to uncomplicated spatial positioning of the loudspeaker. The particular radiation characteristics allow a well-balanced listening experience for a basis width between 1 m and 3 m. The ME 25 can be operated horizontally. Optionally, a stand in matching veneer with integrated cable duct is available.

The general concept of the passive 2-way coaxial loudspeaker ME 25 is characterised by its minimal dimensions, its well-balanced and low-distortion sound image and its high dynamic qualities.

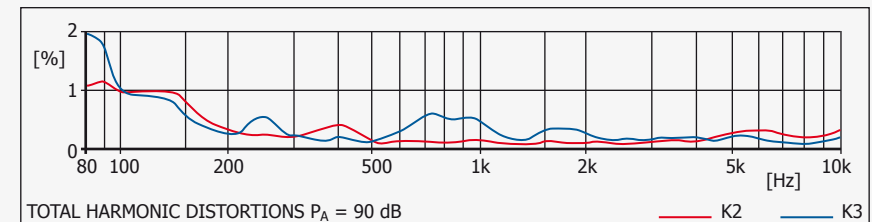
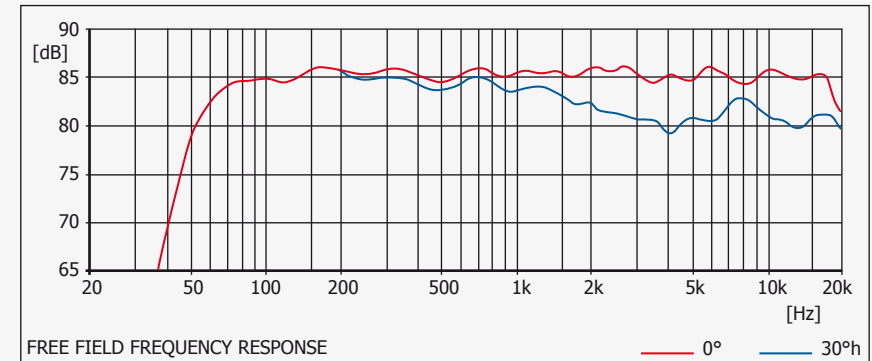


## TECHNICAL PROPERTIES



GENERAL	Passive high-end-compact-loudspeaker for hearing distances between 1 and 3 m
PRINCIPLE OF CONSTRUCTION	Coaxial 2-way-system in vented box
MAXIMUM SPL	108 dB peak / r = 1 m (3.3 ft)
SENSITIVITY	85 dB
BANDWIDTH	50 Hz ... 20 kHz - 3 dB / 4 pi
DIRECTIVITY INDEX FROM 200 Hz ... 10 kHz	increasing from 1.5 to 11 dB
TOTAL HARMONIC DISTORTION MEASURED AT 90 dB / r = 1 m (3.3 ft) FROM 100 Hz ... 10 kHz	≤ - 40 dB
ELECTRONIC CROSSOVER FREQUENCIES	2.5 kHz
IMPEDANCE	4 Ohm
NOMINAL POWER CAPACITY	50 Watt
MAXIMUM POWER CAPACITY	80 Watt (at programme material)
RECOMMENDED AMPLIFIER POWER	50 ... 80 Watt
LOUDSPEAKER SYSTEMS	
WOOFER	125 mm (5") cone
TWEETER	25 mm (1") dome
INPUT CONNECTOR	Gold-plated screwed joint
DIMENSIONS (H x W x D)	
LOUDSPEAKER	320 x 205 x 220 mm (12.6 x 8.1 x 8.7 in)
LOUDSPEAKER WITH PEDESTAL	1076 x 265 x 280 mm (42.4 x 10.4 x 11 in)
WEIGHT	
LOUDSPEAKER	5.5 kg (12.1 lbs)
LOUDSPEAKER WITH PEDESTAL	11 kg (24.2 lbs)
DESIGN OF THE CABINET	MDF-wood in ash black veneered, different veneers or colors optional

## Acoustic diagrams



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*„In spite of the minimal dimensions, these transducers sounded so true, natural and still musical – it really left a mark on us.*

*When listening to these transducers, their perfect play makes you suddenly feel like a real audio engineer. Suddenly you hear details which you believe to never have heard before.“*

*DVD & Surround Test 06/2003*