

ME 100
ME 100C

musikelectronic geithain



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STUDIO MONITORING SYSTEMS

HIGHEND LOUDSPEAKER

SOUND REINFORCEMENT SYSTEMS

ME 100 ME 100C

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 6.5-inch woofer system and the 1-inch tweeter system of the ME 100 passive 2-way coaxial loudspeaker are integrated into a vented cabinet and feature excellent linearity. 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 1.50 metres and 3 metres.

The ME 100 performs very well as front and effect loudspeaker in surround systems. As a centre speaker the ME 100C was designed, which is better integrable due to its lesser height. In addition the speaker is inclinable up to 15° to the top with the height-adjustable feet at the cabinet bottom. Therefore a perfect alignment to the listening position is possible. The centre speaker doesn't fall behind the ME 100 regarding acoustical and technical performance. In connection with a suitable AV receiver, the surround system can be complemented with our BASIS models.

Optionally, a stand in matching veneer or colour with integrated cable duct is available.

The general concept of the passive 2-way coaxial loudspeakers ME 100 and ME 100C offers a high sound compatibility to the RL model range of active loudspeakers and convinces with its phenomenal spatial imaging and neutrality. Moreover, the monitors stand out due to their well-balanced and low-distortion sound image and their high dynamic qualities.

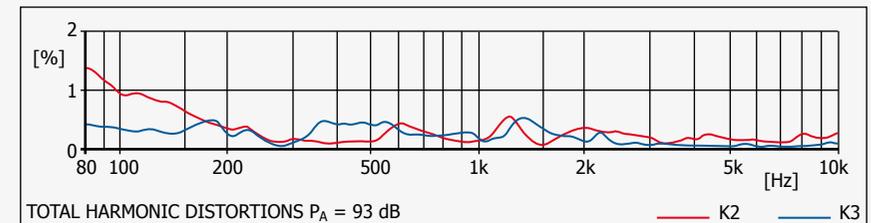
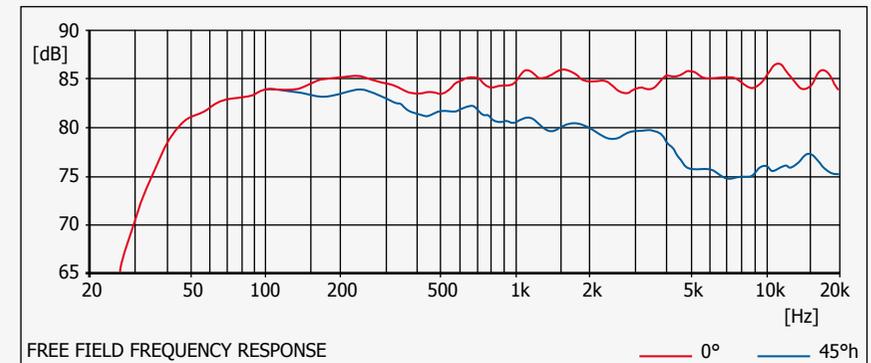


SPECIFICATIONS



GENERAL	Passive high-end-compact-loudspeaker for listening distances between 1.50 m (5ft) and 3 m (10ft)
PRINCIPLE OF CONSTRUCTION	Coaxial 2-way-system in vented box
MAXIMUM SPL	111dB peak / r = 1 m (3.3ft)
SENSITIVITY	85 dB / r = 1 m (3.3ft)
BANDWIDTH	50 Hz ... 20 kHz \pm 3 dB / 4 pi
DIRECTIVITY INDEX FROM 100 Hz ... 10 kHz	increasing from 1 dB to 8 dB
TOTAL HARMONIC DISTORTION MEASURED AT 93 dB / r = 1 m (3.3ft) FROM 100 Hz ... 10 kHz	\leq - 40 dB
ELECTRONIC CROSSOVER FREQUENCY	2.5 kHz
IMPEDANCE	4 Ohms
NOMINAL POWER CAPACITY	100 W
MAXIMUM POWER CAPACITY	150 W
RECOMMENDED AMPLIFIER POWER	80 W ... 150 W
LOUDSPEAKER SYSTEMS	
WOOFER	160 mm (6.5") cone
TWEETER	25 mm (1") dome
INPUT CONNECTOR	gold-plated binding posts
DIMENSIONS (H x W x D)	
ME 100	398 x 254 x 345 mm (15.7" x 10.0" x 13.6")
ME 100C	254 x 398 x 345 mm (10.0" x 15.7" x 13.6")
ME 100 WITH PEDESTAL	1109 x 275 x 365 mm (43.7" x 10.8" x 14.4")
WEIGHT	
ME 100	12 kg (26.4lbs)
ME 100C	12 kg (26.4lbs)
ME 100 WITH PEDESTAL	18 kg (39.6lbs)
DESIGN OF THE CABINET	MDF-wood in ash black veneered; optional different veneers or colours optionally with holding device available with height-adjustable feet at the cabinet bottom
ME 100	
ME 100C	

Acoustic diagrams



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SYSTEMS

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