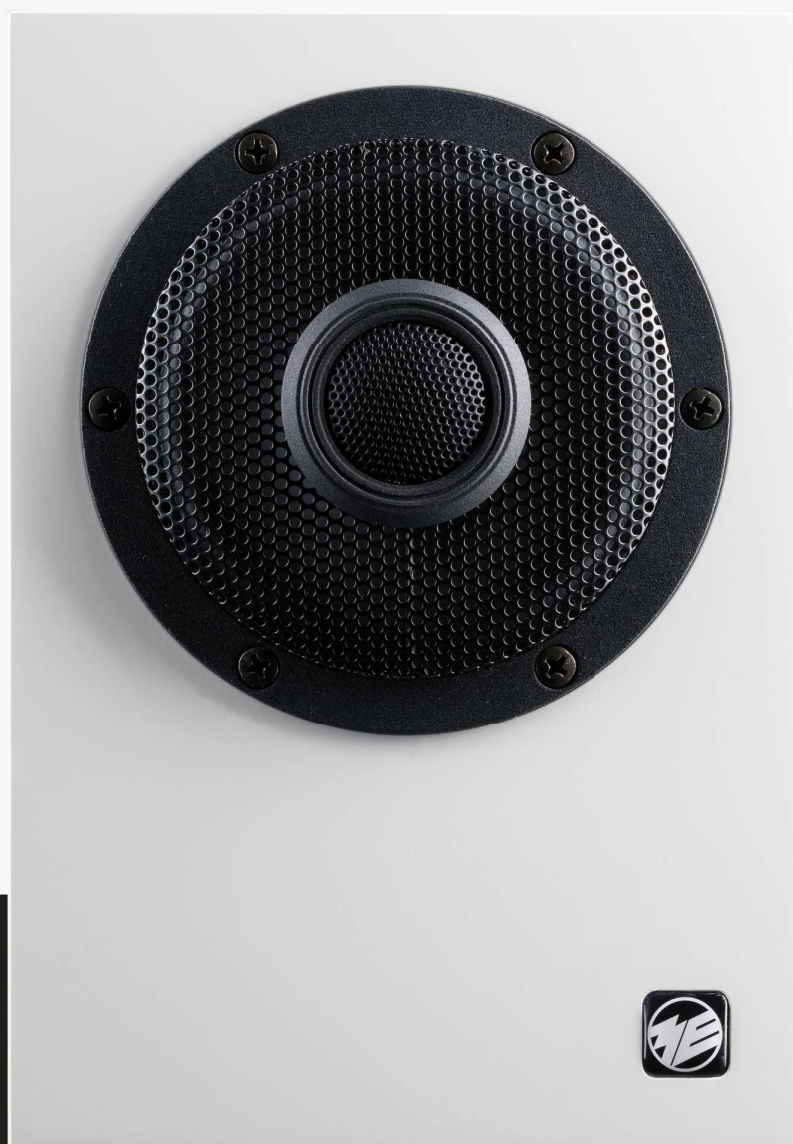




musikelectronic geithain
MO-1 MKII



ACTIVE 2-WAY COAXIAL LOUDSPEAKER

IN SEALED ENCLOSURE

STUDIO MONITORING SYSTEMS

HIGHEND LOUDSPEAKER

SOUND REINFORCEMENT SYSTEMS



The compact monitor that does more.

The relaunch of the MO-1, the MO-1 MKII, is not simply a product refresh; it is a complete redesign that surpasses its predecessor in both performance and functionality without forgetting what made the MO-1 stand out. The MO-1MKII is more than a control monitor - it is a fully-fledged studio monitor that is perfect for spaces with limited room. Ideal for short listening distances, it unfolds its acoustic qualities in the broadcast van, compact studios, as an elegant surround speaker, or for the discerning audio and video professional right at the desk.

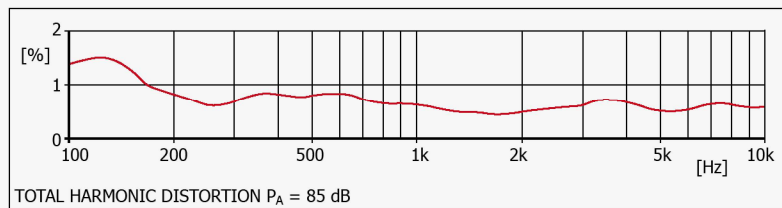
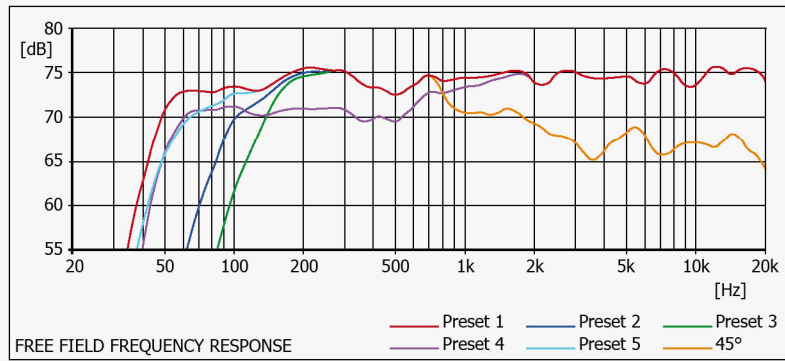
The coaxial design, the impeccable neutrality, and the high-quality craftsmanship are common features shared with all ME-Geithain products. However, the new MO-1MKII utilizes powerful PWM amplifiers, a wide-range switched-mode power supply, and signal processing via DSP. The speaker comes with two XLR inputs, allowing for mono downmixing, and is optionally capable of receiving Dante streams and AES67 via the integrated network switch.

User-configurable DSP filters, presets, and adjustable time delay expand the functionality to a level that is unmatched in its class.



General	Small Outside Broadcasting Vans, Surround speakers and loudspeakers determined for small rooms and in multichannel equipment, reproducing systems of small conference sound equipment 0.6m (1'12") and 2m (6'7")
Maximum SPL from 150 Hz ... 3 kHz	103 dB ... 108 dB / $r = 1\text{ m (3'3")}$ (4π)
Bandwidth	50 Hz ... 22 kHz $\pm 3\text{ dB}$
Calibration: Acoustic output level / $P_E = -14\text{ dBu}$	76 dB / $r = 1\text{ m (3'3")}$
Directivity index from 100 Hz ... 6 kHz	increasing from 1 dB to 10 dB
Inherent noise sound level	$\leq 2\text{ dB(A)}$ / $r = 1\text{ m (3'3")}$
Total harmonic distortion measured at $85\text{ dB}_{\text{SPL}}$ / $r = 1\text{ m (3'3")}$ from 200 Hz ... 10 kHz	$\leq -40\text{ dB}$
Nominal input level	+6 dBu (adjustable)
Input impedance	$\geq 22\text{ k}\Omega$ RC balanced
Electronic crossover frequency	3.5 kHz
Nominal output power of the amplifier	
LF	95 W / 4Ω
HF	95 W / 4Ω
Input connectors	2x XLR 3F analogue (optional Dante via RJ45)
Control inputs	2x RJ45 Ethernet incl. switch
Equalizer	10 free programmable EQs
Delay	adjustable delay between 0 ... 40 ms
Drive units	
Woofer	1x 100 mm (4") cone
Tweeter	1x 19 mm ($\frac{3}{4}$ ") dome
Operation and clipping indicator	Illuminated logo at front
Power requirements	80 V ... 264 V, 50 Hz ... 60 Hz
Power consumption	7 VA when idle max. 80 VA at full load
Mains connection	IEC power connector
Environmental conditions	
for use	+15 °C ... +35 °C (+59 °F ... +95 °F)
for storage	-25 °C ... +45 °C (-13 °F ... +113 °F)
humidity	45 % ... 75 %
Dimensions (H x W x D)	214 mm x 147 mm x 192 mm (8.5" x 5.8" x 7.6")
Weight	3.5 kg (7.8 lbs)
Design of the cabinet	
Body	MDF black and white semi-gloss varnish; other veneers and colours on request
Lateral mounting	with lateral mounting; without lateral mounting on request

ACOUSTIC DIAGRAMS



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STUDIO MONITORING - HIGHEND LOUDSPEAKER - SOUND REINFORCEMENT
SYSTEMS

Nikolaistraße 7
04643 Geithain / Germany

Tel: +49 (0) 34341 3110
Fax: +49 (0) 34341 31144

E-Mail: info@me-geithain.de

www.me-geithain.de