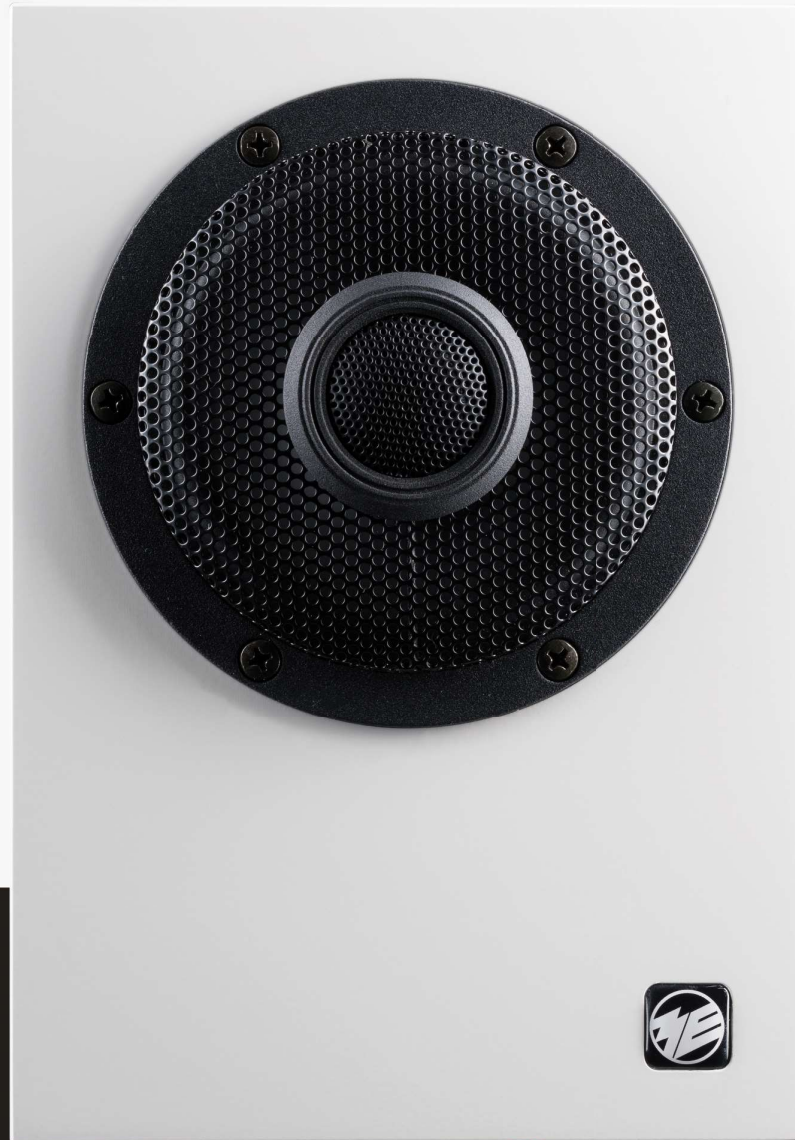




musikelectronic geithain  
**MO-1 MKII**



ACTIVE 2-WAY COAXIAL  
LOUDSPEAKER IN VENTED BOX

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.

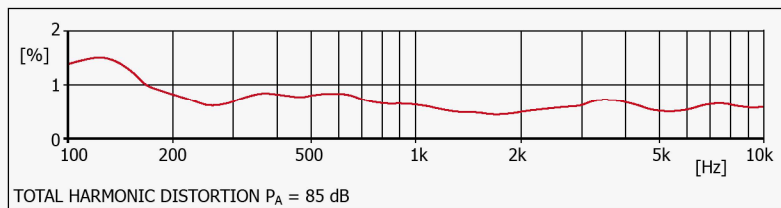
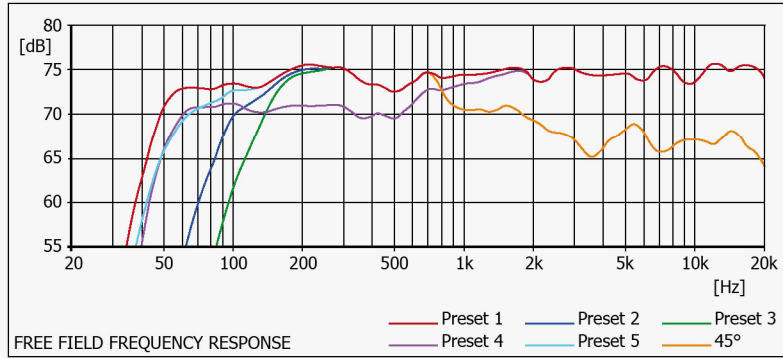
User-configurable DSP filters, presets, and adjustable time delay expand the functionality to a level that is unmatched in its class.



## SPECIFICATIONS

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 m (3'3") (4π)
Bandwidth	50 Hz ... 22 kHz ±3 dB
Calibration: Acoustic output level / $P_E = -14$ dBu	76 dB / r = 1 m (3'3")
Directivity index from 100 Hz ... 6 kHz	increasing from 1 dB to 10 dB
Inherent noise sound level	≤ 2 dB(A) / r = 1 m (3'3")
Total harmonic distortion measured at 85 dB <sub>SPL</sub> / r = 1 m (3'3") from 200 Hz ... 10 kHz	≤ -40 dB
Nominal input level	+6 dBu (adjustable)
Input impedance	≥ 22 kΩ RC balanced
Electronic crossover frequency	3.5 kHz
Nominal output power of the amplifier LF HF	95 W / 4 Ω 95 W / 4 Ω
Input connectors	2× XLR 3F analogue (optional Dante via RJ45)
Control inputs	2× RJ45 Ethernet incl. switch
Equalizer	10 free programmable EQs
Delay	adjustable delay between 0 ... 40 ms
Drive units Woofer Tweeter	1× 100 mm (4") cone 1× 19 mm (¾") 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 for storage humidity	+15 °C ... +35 °C (+59 °F ... +95 °F) -25 °C ... +45 °C (-13 °F ... +113 °F) 45 % ... 75 %
Dimensions (H × W × D)	214 mm × 147 mm × 192 mm (8.5" × 5.8" × 7.6")
Weight	3.5 kg (7.8 lbs)
Design of the cabinet Body  Lateral mounting	MDF black and white semi-gloss varnish; other veneers and colours on request  with lateral mounting; without lateral mounting on request

# ACOUSTIC DIAGRAMS



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STUDIO MONITORING - HIGHEND LOUDSPEAKER - SOUND REINFORCEMENT SYSTEMS

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