

MV 240



The MTG MV 240 USB measurement microphone preamplifier eliminates the requirement for microphone preconditioning modules. Simply plug the measurement microphone directly into a laptop or PC.

The equivalent of single channel acquisition, but in an ultra-compact format, the MV 240 is perfectly suited for mobile work, as it is for the lab or production. Its launch is perfectly timed as we work increasingly from home.

Its ingenious combination of two-level ranges, performed in the digital domain, delivers a stunning 7dBA to 160dB dynamic range, whilst an internally generated 200V can power an externally polarised capsule. Furthermore, whilst the ubiquitous MK 255 and MK 201 200V capsules are ideal matches, equally, non-polarised and differently-sized capsules can also be paired. The MK 240, therefore is an exceptional platform for flexibility and performance when choosing the optimum solution for any measurement.

- USB (4-pin Lemo® at the pre-amp)
- Microphone power supply: USB, no separate conditioning required
- Polarised and non-polarised capsules compatible - internally generated (200 V)
- 1 Hz to 80 kHz
- 7 dBA to 160 dB
- Internal self-test
- Recommended capsule is MTG ½" MK201
- Accessories available: adaptors for ¼" capsule, microphone holder
- MTG 4010 Calibrator recommended
- Compatible with Windows® (XP,Vista, 7, 8, 8.1, 10),Linux, Mac OS®, iOS®), detected automatically

ADC	Sigma-Delta-ADC, 24 Bit, 192 kHz 2 level ranges	
OUTPUT SIGNAL	USB, 1 channel, 32 Bit calibrated sound pressure values	
POWER SUPPLY	5 V (±5%)	
CURRENT CONSUMPTION	500 mA (at U _i = 10 V _{rms})	
FREQUENCY RANGE	1 Hz to 80 kHz	
INHERENT NOISE	A-weighted	7 dB
MAX. SPL	160 dB	
MAXIMUM INPUT	10 V _{rms}	
INPUT IMPEDANCE	20 GΩ; 0.2 pF	

SAMPLE RATE	192 kHz	
POLARIZATION VOLTAGE	200 V	
REMOTE CONTROL	polarisation voltage on / off	
CONNECTION TO	USB 2.0 / USB 3.0	
PLUG	4-pin LEMO® EGG.1B.304.CLL	
CAPSULE THREAD	11.7 mm 60 UNS	
DIAMETER	12.7 mm / 21 mm	
LENGTH	184 mm	
WEIGHT	115 g	

ABOUT MICROTECH GEFELL

Microtech Gefell designs, manufactures and supplies microphones and acoustic systems. Founded by Georg Neumann in 1928, Microtech Gefell is more than just a microphone – it is over 90 years of engineering excellence that combines tradition with innovation. MTG products have earned a worldwide reputation amongst professional users as precise and reliable acoustic measurement tools for all industries, including environmental applications, automotive, aerospace and research and development.

AcSoft is proud to be MTG's distributor in the UK.

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