



MP40 1/2" IEPE Measurement Microphone



The 1/2" IEPE measuring microphones of the MP 40 range provide:

- Constant current powered measuring microphone preamplifier PA-01 with electret condenser microphone capsule type MP40. The current powered 1/2" measuring microphone offers facilities for the use of a high-quality noise measurements.
- Typical applications like array arrangements and covered area measuring procedures, e.g. automotive acoustics, can be taken into account.
- This acoustic sensor can be connected to any IEPE input via BNC cable. The PA-01 preamplifier accepts in addition operating voltage supply from 18 to 30 Volt DC.

TECHNICAL DATA MP 40 CAPSULE + PA-01 Preamplifier

Frequency response	WS2F (DIN IEC 61094-4)	3.5 Hz – 20 kHz
Ref. Sens. @ 250 Hz +/- 3dB		-27dB (0dB=1mV/Pa) 50 mV/Pa
Type		Free Field Pre Polarized
Dynamic Range		18 - 146 (-0.5 dB THD)
Connector		BNC
Microphone thread		11.7 mm x 60 UNS
Noise voltage		2 µVrms (A-weighted)
PA-01 Frequency response		5Hz-100kHz +0dB -0,5dB
Input impedance		> 5 GOhm
Output impedance		< 110 Ohm
IEPE current supply		2-10mA
IEPE voltage source		18 - 30VDC
Max output voltage		8Vpp

All informations including product design are subject to errors or changes. 3/2021



All MP 40 1/2" IEPE measuring microphones will be recalibrated prior to delivery.

The test results will be shipped with each microphone.

