

FEATURES

- Ambient sound pressure level measurement
- Automatic volume control for loudspeaker cards outputs
- High-resistance IP54-rated casing
- Suitable for demanding environmental conditions
- Balanced audio signal path, 0 dB
- Phantom powered
- Maximum cable length: 150 m
- Compatible with WAA and 2LGA audio input cards
- LED status indicator



OVERVIEW

The MPT-IP54 microphone is designed to measure ambient sound pressure levels, enabling automatic adjustment of non-alarm volume on loudspeaker cards outputs.

It connects to the system via a WAA or 2LGA card, ensuring accurate and dynamic volume regulation in response to

changing environmental noise conditions.

Housed in a high-resistance IP54-rated casing, the MPT-IP54 is suitable for operation in demanding environmental conditions.

TECHNICAL SPECIFICATION

GENERAL

Power supply	Phantom power directly from WAA or 2LGA analogue audio input card
Idle consumption	< 0.02 W
Standards	EN 54, CE
Dimensions	115 × 90 × 55 mm
Enclosure material	Polycarbonate
Operating temperature	-5°C to +50°C
Relative humidity	25% to 90%
Indicators	LED status indicator
Connectors	Balanced audio output

AUDIO SPECIFICATION

Frequency response	150 Hz - 16 kHz (- 3 dB)
Distortion (THD + N) (1 kHz)	< 0.1%
Signal-to-noise ratio	> 65 dB
Audio signal path	Balanced, 0 dB

OTHERS

IP protection	IP54
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