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i436 professional Class 2 microphone for measurement and recording



Professional Class 2 Microphone



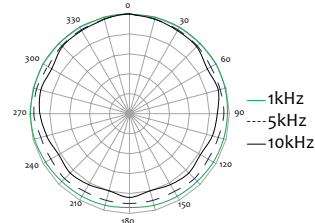
The i436 is a calibrated measurement microphone complying with the IEC 61672 Class 2 sound level meter standard. The sensitivity and frequency response of each microphone is individually calibrated at the factory before shipping. With the i436 and a dedicated App, you can turn your iPhone and iPad into a sound pressure level (SPL) meter or a real time analyzer (RTA) for time and frequency domain measurements.

The i436 omnidirectional microphone houses outstanding performance in a small package. Durable and easily carried in your pocket, the i436 measures your vocals, instruments, and live sounds accurately without distortion, all on your mobile device.

Specifications

Microphone i436	
type	Electret Condenser
Capsule diameter	7.0mm (can be calibrated)
Principle of operation	Pressure
Polar Pattern	omnidirectional
Sensitivity(± 3 dB)	-44 dB (6.3mV/Pa)
Frequency Response	20Hz~20kHz
S/N ratio	More than 62dB
Impedance	Less than 2.2k
Power Source	Plug-in power capability,plug and play
Operating Temperature	-20°C~+50°C
Length	50mm
Weight	8g
Connector	3.5mm 4-Pole headset interface

Polar pattern



Frequency response

