Manuals+ — User Manuals Simplified.

MicW i437C Professional Class 2 Microphone User Manual

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MicW i437C Professional Class 2 Microphone

INTRODUCTION

Welcome to the MicW i-Series of professional microphones. MicW has been producing high-quality microphones for testing, measuring, and studio recording for over 10 years. The unparalleled expertise in diaphragm technology has enabled MicW to offer professional products for audio applications

SAFETY INSTRUCTION

The microphone is supplied with a pre-polarized capsule, which has been tested in extreme temperatures and humid environments for more than 24 hours. It is designed to operate from -20 C to 50 C and humidity up to 95%.

POWER SUPPLY

The i437C does not require an additional battery for power.
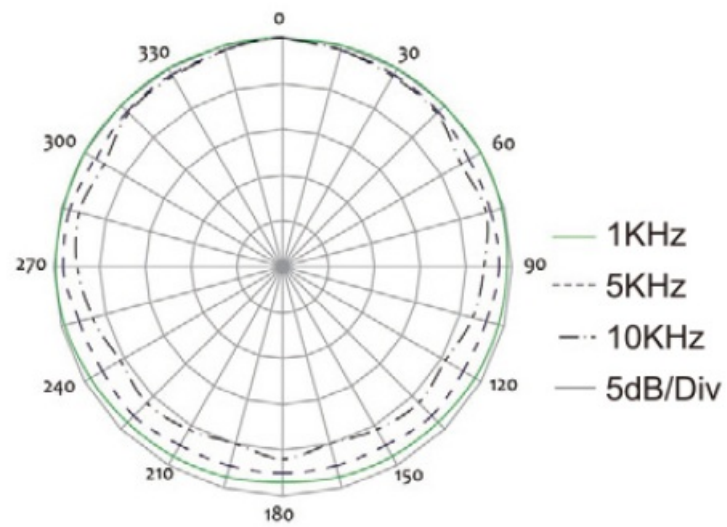
APPLICATIONS

The i437C is designed for Apple iPad Pro with a Type-C connector only. It can be used as an upgraded alternative microphone to the iPad Pro. The i437C microphone can capture high-quality sound, making it a great choice for vocals, instruments, musical performances, interviews, and meeting recordings. The i437C is also calibrated and allows professional sound engineers to use it with the Noiselab App from the Apple Store for real-time data analysis or as a sound level meter.

1. Noise Measurement Application

2. Recording Application

DIRECTIONAL CHARACTERISTIC

Polar Pattern

The i437C is an Omnidirectional microphone.

FREQUENCY REPONSE

Typical Frequency Response 10 dB@1000 Hz)

MICROPHONE INSTALLATION

Simply plug the i437C microphone into the Type-C connector of iPad Pro (or other Apple products with a Type-C connector). Please note that i437C microphones DO NOT work with Android devices.

WARRANTY POLICY

MicW Audio warrants that its products will be free from defects in materials and workmanship for one (1) year from the date of purchase by the original purchaser.

CE MARKING

The MicW i437C microphones conform with the relevant CE mark directives approved by the European Commission.

SPECIFICATIONS

Microphone i437C	
Type	Electret Condenser
Capsule Diameter	7.00mm(can be calibrated)
Principle of Operation	Pressure
Max SPL	125 dB
Polar Pattern	Omni-Directional
Sensitivity($\pm$3dB)	-27.5dBFS(94dB SPL@1kHz)
Frequency Response	20HZ~20kHz
S/N Ration	More than 62dB
Power Source	Plug and Play
Operating Temperature	-20℃ ~ 50℃
Weight	14.5g
Connector	Type C Connector

PACKING LIST

- The i437C includes
- i437C microphone
- Windscreen
- User manual

SOUND LEVEL METER APPLICATIONS

By pairing the i437C (or i437L) microphone with the Noiselab App from Apple Store, the iPad Pro can be used as a professional sound level meter, and it has passed IEC 61672-3 Class 2 requirements.

Requirements:

- iPad Pro or higher
- iOS version 10.0 or higher
- i437C microphone
- Noiselab App
- STEP 1: Search for Noiselab App in the Apple Store and install
- STEP 2: Connect i437C to the iPad Pro and launch Noiselab

- STEP 3: Go to the Calibration Menu and change the Correction to match the number in the Calibration Report. Or use a sound level calibrator to do the calibration. The compliance test to IEC 61672-3 may be performed by the authorized labs in your country at your own cost.

Documents / Resources

MicW i437C Professional Class 2 Microphone [pdf] User Manual
i437C, Professional Class 2 Microphone, i437C Professional Class 2 Microphone