

MicW[®]

User's Manual



iGoMic™ Stereo Microphone

www.micwaudio.com

FEATURES

- X-Y 90° technique for stereo recording;
- Matched pair of capsules with sensitivity within $\pm 1.0\text{dB}$;
- Internal silicon rubber isolation design;
- Special fixture design for mounting on GoPro cameras;
- All metal housing;
- Strong waterproof box for storage.

APPLICATIONS

The iGoMic professional stereo X-Y microphone is ideal for live sound capture at sports events, as well as for travel, video and photo applications.

The iGoMic has been tested with: GoPro Hero 2, Hero 3 and Hero 3+, Canon 5D, 7D, Sony Alpha 6 and 7series, Nikon D7000.

INTRODUCTION

Welcome to the MicW iSeries of professional microphones. MicW has been producing high-quality microphones for measurement and recording applications since 1998. Our unique knowledge of diaphragm technology has enabled us to offer you a range of professional audio products for a variety of pro audio applications.

The iGoMic comprises an X-Y stereo-

matched pair of microphone capsules specially designed for GoPro cameras. Using a matched pair with capsules configured at 90° X-Y coincident, the iGoMic provides a wide stereo image with natural depth and is ideal for recording music, sports events and ambient sound. It is small, lightweight and rugged. It also can be used with DSLR and video cameras.

POWER SUPPLY

The microphone is powered from the device to which it is connected, so no additional battery is required.



* Every device must supply PlugIn-Power

PRODUCT RELIABILITY

The microphone is equipped with two pre-polarized capsules that have been tested in a high temperature and high humidity environment for over 24 hours.



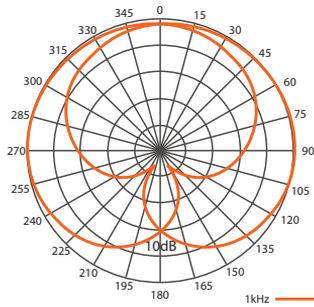
- Travelling



- Sports



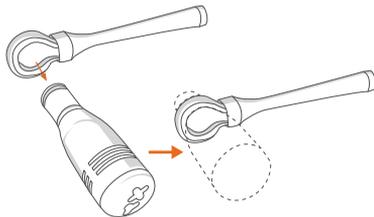
POLAR PATTERN



Polar Pattern of XY microphone

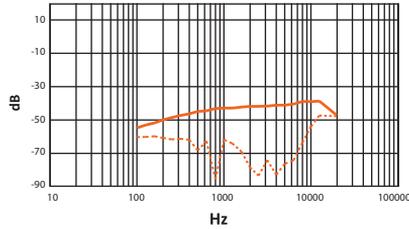
On GoPro HERO 3 & 3+

Place the iGoMic into the mic holder (PP011). The small rubber suspension on the holder secures the iGoMic in order to avoid any rattling noises or contact sound during recording.



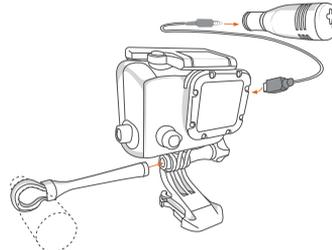
FREQUENCY RESPONSE

Typical frequency responses are shown in the following chart.



Typical Frequency Response of iGoMic

Screw the mic holder to the GoPro as shown below:
Connecting the mini USB cable to the iGoMic and GoPro camera.

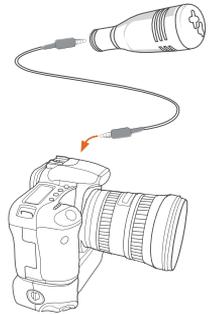


* The cable through hole is required when using the waterproof housing. Making the appropriate insert must be carried out by the end-user.

MICROPHONE INSTALLATION

On DSLR

The CB030M 3.5mm jack stereo cable is custom made for use with GoPro Hero2 and DSLR cameras. The PP013 mic holder (not included in the box) is required for use with DSLR cameras.



WARRANTY POLICY

MicW Audio warrants that its products will be free from defects in material and workmanship for two (2) years from the date of purchase by the Original Purchaser. The iGoMic is NOT waterproof.

CE MARKING



The MicW iGoMic Stereo Microphone conforms to the relevant CE mark directives approved by the European commission



SPECIFICATIONS

iGoMic Stereo Microphone

Type	Electret Condenser
Capsules	Matched pair cardioid
Principle of Operation	Two capsules in XY stereo
Polar Pattern	XY coincident
Sensitivity(±3dB)	-42 dB
Frequency Response	20Hz - 20 KHz
Maximum SPL	115dB
S/N ratio	>55dB
Impedance	<2.2Kohm
Power supply	Plug and Play
Operating Temperature	-20°C - +50 °C
Diameters	20mm (Max); 14 mm (Min)
Length	51mm
Weight	16g
Connector	3.5 mm Stereo mini (female)
Output Channels	Stereo Left and Right

WHAT'S IN THE BOX

iGoMic contents the following items:



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MicW microphones

Product features and specifications are subject to change without notice