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i456 cardioid microphone for  
general purpose recording





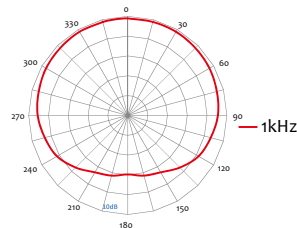
# Cardioid Recording Microphone

The i456 is a wide cardioid microphone for general purpose audio recording. Use it as a high quality, high performance alternative to the internal microphone on your iPad, iPhone, or iPod Touch. Ideal for recording vocals and acoustic instruments, interviews, conference meetings and rugged enough to be carried anywhere you want to capture high quality sound.

## Specifications

Microphone i456	
Type	Electret Condenser
Capsule diameter	7.0mm
Principle of operation	Pressure Gradient
Polar Pattern	Cardioid
Sensitivity( $\pm 4$ dB)	-50 dB (3.2mV/Pa)
Frequency Response	20 Hz~20kHz
S/N ratio	More than 55dB
Impedance	Less than 2.2k
Power Source	Plug-in power capability, plug and play
Operating Temperature	-20°C~+50°C
Length	55mm
Weight	8g
Connector	3.5mm 4-Pole headset interface

## Polar pattern



## Frequency response

