

Binary Acoustic Technology

Digital Acoustic Processing

www.binaryacoustictech.com

miniMIC USB Microphone

Product description:

The miniMIC is the latest addition to Binary Acoustic Technologies professional grade ultrasonic microphone product line. The miniMIC is small, portable, and easy to carry. It employs a hemispherical, wide bandwidth ultrasonic element along with ultrasonic to digital conversion technology to produce a high quality, digitally sampled, acoustic stream that is injected directly into a laptop or lab computer for recording, and analysis.

The miniMIC is specifically designed for applications such as bat recording and vocalization analysis where wide spatial coverage and a wide ultrasonic frequency range are desired. It employs low noise circuitry along with 16-bit digital converters to achieve high sensitivity along with a large dynamic range. It is capable of detecting bats at a distances up to one hundred and forty feet.



Specifications:

Response: Hemispherical

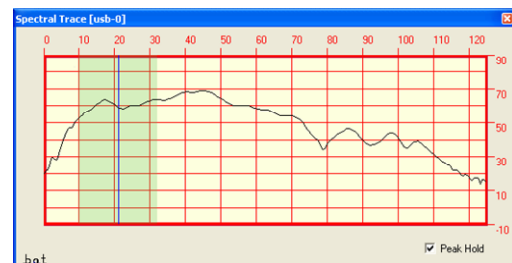
Frequency Range : 1 to 125 KHz

Dynamic Range : > 90 dB (Full BW)
> 96 dB (Audio BW)

Range Limits (SPL +/- 3 dB) :
Max : 100 dB
Min : 10 dB (Full) / 4 dB (audio)

Interface: USB 2.0
Output Format : 16-bit offset binary, 250Ksps

Front and back view



Frequency Response (KHz)

Contact information:

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