

Binary Acoustic Technology

Digital Acoustic Processing

www.binaryacoustictech.com

AR125-EXT Ultrasonic Receiver

Product description:

The AR125-EXT is a professional quality ultrasonic receiver that is designed for ultrasonic recording and acoustic analysis. It employs a directional, 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 computer or field recorder to perform ultrasonic monitoring, and analysis.

The AR125-EXT system is specifically designed for bat monitoring applications which require that the detector is mounted quite a distance away from the recording device. The system consists of an ultrasonic microphone element and a ultrasonic digitizer unit. The two units are separable up to 250 feet and are connected using standard CAT 6 cable.



Specifications:

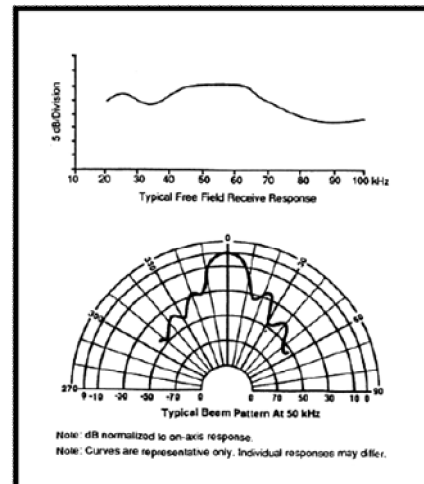
Frequency Range : 1 to 125 KHz

Dynamic Range : > 84 dB (Full BW)
> 90 dB (Audio BW)

Range Limits (SPL +/- 3 dB) :
Max : 90 dB
Min : 0 dB (Full) / -6 dB (audio)

Interface: USB 2.0

Maximum Separation : 250 feet using CAT 6 cable



Contact information:

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Frequency Response
and
Beam Pattern