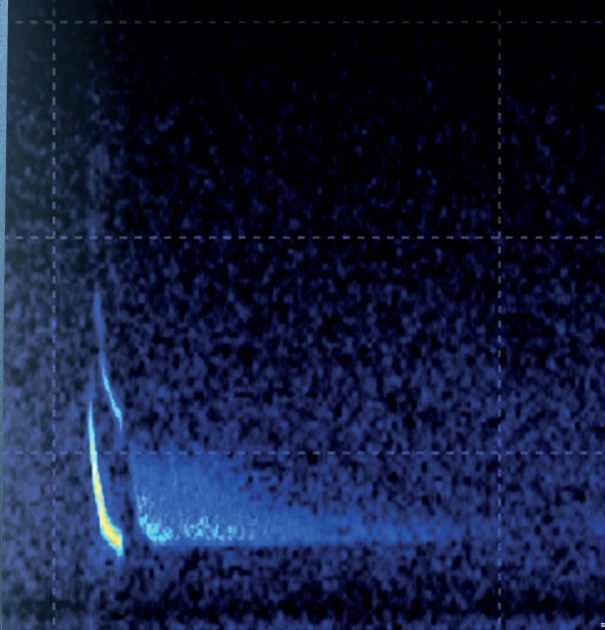


Petterson
since 1983



*Excellence in
ultrasound recording*





D1000X Professional Ultrasound Detector

The D1000X is a professional ultrasound detector with heterodyne, frequency division, time expansion and 16-bit direct recording system. Petterson's well-known, high quality capacitance microphone offers the greatest sensitivity, making it possible to record even the most distant bats with the highest quality.

- Heterodyne, frequency division, time expansion and direct recording systems
- Sampling rates from 32 kHz to 768 kHz with adaptive anti-aliasing filter
- 16-bit Analog-to-Digital Converter
- High-sensitive capacitance microphone
- Size: 170 x 80 x 35 mm excl microphone
- Weight: 600 g incl batteries

D500X

The D500X is an ultrasound recording unit, intended for unattended recording of bat calls. It is very easy and intuitive to use and records full spectrum ultrasound in real time. The unit has four slots for CF cards which gives lots of storage space for the bat calls. The D500X can be used both in manual and automatic (triggered) recording modes.



- Advanced electret microphone
- Mk I: Built-in mic and jack for optional external mic
- Mk II: Jack for external mic, one external mic included
- Powered from internal batteries (Mk I: 4 x AA, Mk II: 4 x C type) or from external batteries/supply
- Timer to turn the unit on/off at desired intervals
- Size: 165 x 170 x 53 mm, rugged aluminium housing
- Sampling rates: 44.1 kHz, 300 kHz and 500 kHz
- ADC resolution: 16 bits



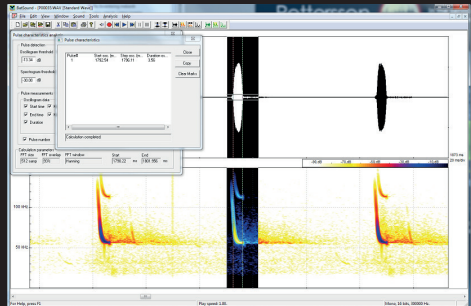
D100 Ultrasound Detector

The basic heterodyne detector. Features a microphone system for maximum sensitivity. With backlit frequency dial for easy reading at night.

BatSound

Our popular sound analysis software which has become the pick of choice software for anyone involved in bat acoustics.

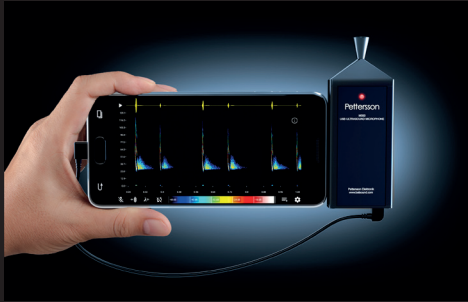
BatSound is an easy to use, efficient, high-performance tool for various types of sound analysis, used by thousands of customers all over the world. It is suitable for sound analysis in general, but also includes a number of features particularly useful for analysis of bat calls.



L400 Ultrasound Speaker - Acoustic Lure

The L400 is an ultrasound speaker with built-in amplifier. Just connect it to a suitable ultrasound playback device (e.g. the D1000X or certain digital recorders). It can be used as an acoustic lure or for various ultrasound playback experiments (e.g. to learn how to use a bat detector by listening to the sound from the speaker). With its professional speaker element, the L400 has a frequency range that extends up to at least 110 kHz.

For less demanding applications, we offer the low-cost **L60** ultrasound speaker. The L60 can be used at frequencies up to 55 kHz and requires a separate amplifier.



M500 & M500-384

M500 & M500-384 are high-performance, 16-bit USB ultrasound microphones with 500 kHz and 384 kHz sampling rate, respectively. The M500 is designed for Windows devices, whereas the M500-384 can be used with most operating

systems, including Windows, Linux, Android and iOS. The Pettersson software BatSound Touch is available for Windows and several other apps are available for other operating systems.

Frequency range:
Anti-aliasing filter:
Interface:

10 kHz-210 kHz (M500), 10 kHz-160 kHz (M500-384)
8th order
USB 2.0



D200 series

- high performance, compact and easy to use

Common features: Frequency range 10 - 120 kHz. Digital display for heterodyne frequency. Built-in speaker. Dimensions: 119x60x25 mm

- D200 - Easy-to-use heterodyne detector
- D230 - Heterodyne and frequency division detector
- D240X - Heterodyne and time expansion (x10 or x20) detector with sampling rate 307 kHz

Pettersson
since 1953



Discover our full line of products at
www.batsound.com