NEW Echo Meter Touch 2 **PRO**

The most advanced handheld bat detector – regardless of price.

The new Echo Meter Touch 2 PRO is based on over three years of customer feedback and extensive fieldwork. It offers the most advanced features and highest quality recordings of any handheld bat detector on the market today.

The new Ultrasonic Module: A difference you can see – and hear.

The new Echo Meter Touch 2 PRO Ultrasonic Module creates extremely quiet, high-quality recordings which are superior to those created by bat detectors costing many times more.

Bat calls enter the Module through an integrated acoustical horn, engineered to reduce unwanted echoes. The horn efficiently directs the sound into the Module's ultra-quiet microphone element which captures frequencies of up to 192kHz. The Module's onboard computer converts the sound into digital data and streams it to the Echo Meter Touch app.

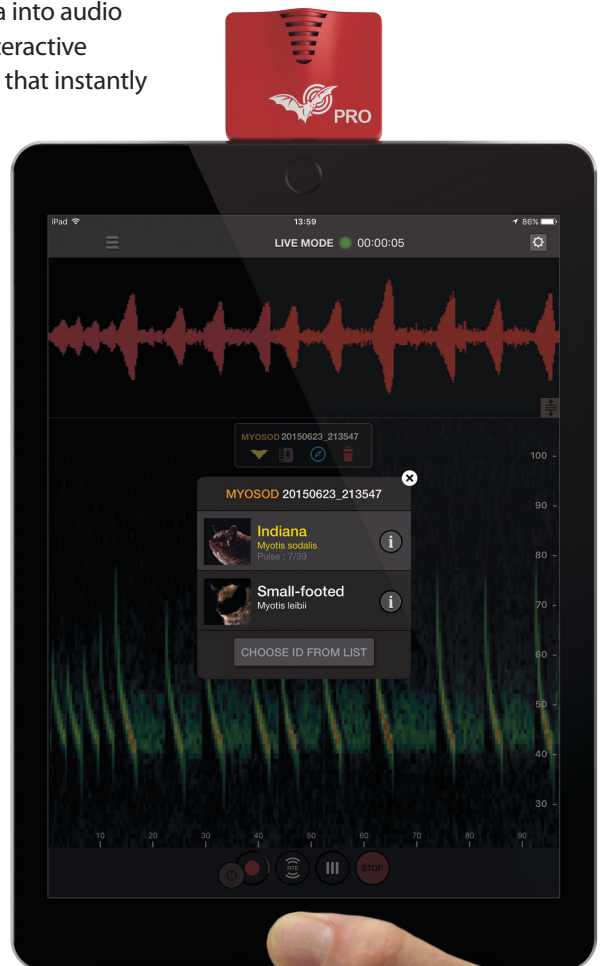### The Echo Meter Touch App: Turning data into knowledge.

The Echo Meter Touch app transforms the Module's streaming data into audio that you can hear – in real-time. It shows you the bat calls on an interactive spectrogram, and it employs the latest Kaleidoscope Pro classifiers that instantly identify the most likely species of bat being detected. It uses GPS to mark recordings with your location and path, and of course, it saves the recordings as 16-bit WAV files that can be easily shared for collaboration or transferred to a Mac or PC for further study.

PRO-only settings: A welcome advancement.

Connect the PRO Ultrasonic Module to your device and the app will activate advanced software features designed for professional biologists. Choose a sample rate of 256kHz or 384kHz. Control recording amplitude by selecting one of three gain settings. Set specific trigger length, trigger window, trigger sensitivity and auto-trigger time. You can also choose audio division ratio for RTE, heterodyne, and time-expansion listening modes. You can even enable/disable Nightly Sessions Mode and Real-Time ID.

Kaleidoscope Pro Auto-ID: Always improving and continually updated.

The Echo Meter Touch App includes the same species classifiers offered in the desktop version of the Kaleidoscope Pro analysis software. We continually improve existing and add new classifiers to the already long list of bats species in North America, the Neotropics, U.K. and Europe, and South Africa.

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Made for
□ iPod □ iPhone □ iPad

Android version
coming in fall, 2017

Echo Meter Touch 2 **PRO** Specs

The most advanced handheld bat detector – regardless of price.

Actual size

The Echo Meter Touch 2 PRO Ultrasonic Module features a rugged ABS/polycarbonate housing with an integrated acoustical horn, designed to reduce reflections from surrounding objects.

Echo Meter Touch App:

Selectable Sample Rates:
Selectable 256k or 384k samples per second at 16 bits

Listening Modes:
RTE, heterodyne, and post-recording time expansion

Recording Format:
16-bit full-spectrum WAV

Ultrasonic Module:

Maximum Recording Frequency:
192 kHz

Directionality:
Slightly directional horn

Housing:
Rugged, lightweight and weather-resistant ABS/polycarbonate mix

Dimensions:
1.9" (48 mm) wide
1.4" (35 mm) long
1.7" (43 mm) long including lightning
.29" - .62" (7.3 mm - 15.8 mm) thick

Weight:
20 grams/.7 ounces

iOS Battery Run Time:
iPad: Up to 13 hours
iPad Mini: Up to 8 hours
iPhone: Up to 4 hours

Device Compatibility:

iPhone 7 Plus
iPhone 7
iPhone SE
iPhone 6s Plus
iPhone 6s
iPhone 6 Plus
iPhone 6
iPad Pro (9.7-inch)
iPad Pro (12.9-inch)
iPad mini 4
iPad Air 2
iPod touch (6th generation)

Made for
iPod iPhone iPad

**Android version
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Also available – an entry level model for budget-minded bat hobbyists.

For bat enthusiasts who want to identify and record bats, we're pleased to introduce the Echo **Meter Touch 2 for hobbyists**. Echo Meter Touch 2 also offers bat auto-id, a spectrogram, and creates recordings that are perfect for basic analysis work.

Learn more at
EchoMeterTouch.com

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