



# 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.



# Echo Meter Touch 2 PRO Specs

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Actual size

## 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**  
coming in fall, 2017

**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](http://EchoMeterTouch.com)

## 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

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.

## 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

