

Echo Meter Touch 2

Quick Start

Welcome to Wildlife Acoustics.

Let's check out the Echo Meter Touch 2 bat detector.

Echo Meter Touch 2 is a system of software and hardware that runs on iOS and Android devices. The only differences between the Android and iOS versions are the connection point of the Ultrasonic Module and where to download the software. For a complete list of tested and compatible devices please check the Wildlife Acoustics web site.

The first thing I'll do is go to the Apple App store and download and install the Echo Meter Touch app. If you're running an Android device you can download and install Echo Meter Touch from Google Play.

When I launch the Echo Meter app, it asks me to connect the Ultrasonic Module. The Ultrasonic Module is used to detect ultrasonic bat calls and is connected to the charger port of the device. The Echo Meter app now recognizes that the Ultrasonic Module is connected. The first time the Ultrasonic Module is connected a message may pop up indicating there is a firmware update available. If that happens the firmware update can be downloaded and installed directly.

The Echo Meter Touch 2 app uses a series of screens for its functions. The first screen we see is the Live Mode screen. This is where ultrasonic audio signals are monitored and recorded.

I'll open the side menu from the upper left corner and choose the Auto ID Selection screen. I'll enter my geographic location and this will select references to the bat species typically found in this location. Echo Meter Touch 2 will then use these references to compare with any detected bats. Now I'll go back to the Live Mode screen.

At this point we're ready to monitor and record bats. Let's go outside. It's dusk and we've seen some bats flying around. Press the Trigger Record button and Echo Meter Touch 2 is ready to detect and identify bats. The speaker of the device is set to play back a real-time expanded version of the ultrasonic bat call. This lets us listen to the bat as it passes overhead.

Ok, it looks like a bat has passed by and the Echo Meter Touch 2 has detected and recorded a call. You can see the visual representation of the call and you can hear the real time expanded

Video Script

version of the actual audio signal. Echo Meter Touch 2 automatically applies Auto-ID analysis. A window pops up which predicts the species that just flew by is most likely a Silver-Haired bat with a possible second choice of a Big Brown bat.

It's quick and easy to get up and running to monitor and record bats with the Echo Meter Touch 2. There's a great deal more you can do with this powerful tool. You can save, view and share your bat recordings. Text and audio notes can be created for individual recordings. There's a GPS view to display where recordings have been made. And so much more. We'll cover all these details in the next series of videos.

Thank you for watching.