

Echo Meter Touch 2 GPS Functions

Welcome to Wildlife Acoustics.

In this video we'll take a close look at the GPS Functions of Echo Meter Touch 2.

As long as your tablet or smart phone is GPS-enabled, Echo Meter Touch 2 will embed GPS coordinates in each recording file it creates.

Once you have created recordings with Echo Meter go to the side panel and open the GPS View. With the exception of files marked as Noise, all the recordings currently listed in Echo Meter will be displayed.

Use this button to switch between Map and Satellite views. In order for maps or satellite graphics to be visible the device must be connected to wifi or a cell network.

File Paths can be hidden or displayed with this button, allowing you to see the progression of recordings and their sequential locations. Each recording session will have a different colored path.

You can scroll or zoom the view. Press this button to center the view to your current location.

Pressing the Center button also enables Follow Mode. In Follow Mode the display scrolls automatically to keep your current position centered. To disable Follow Mode manually scroll away from your current location. The indicator next to the Center button is blue when Follow Mode is enabled or grey if Follow Mode is disabled.

Tap on a file to see the file name. Tap again to go to the spectrogram for that file. Tap on the GPS icon in the recording file to go to the location where the file was recorded.

When the files are exported to a computer, a .kml file will be included with the recordings. The .kml file can then be opened directly in Google Earth.

The metadata, including GPS coordinates for each file can be viewed in Kaleidoscope software. Kaleidoscope can run a batch process on the audio files to generate a .csv file. The .csv file will include all the metadata from the recordings, including GPS coordinates.

Video Script

The last videos in this series will cover how to import and export files between Echo Meter Touch 2 and a computer or other device.

Thank you for watching.