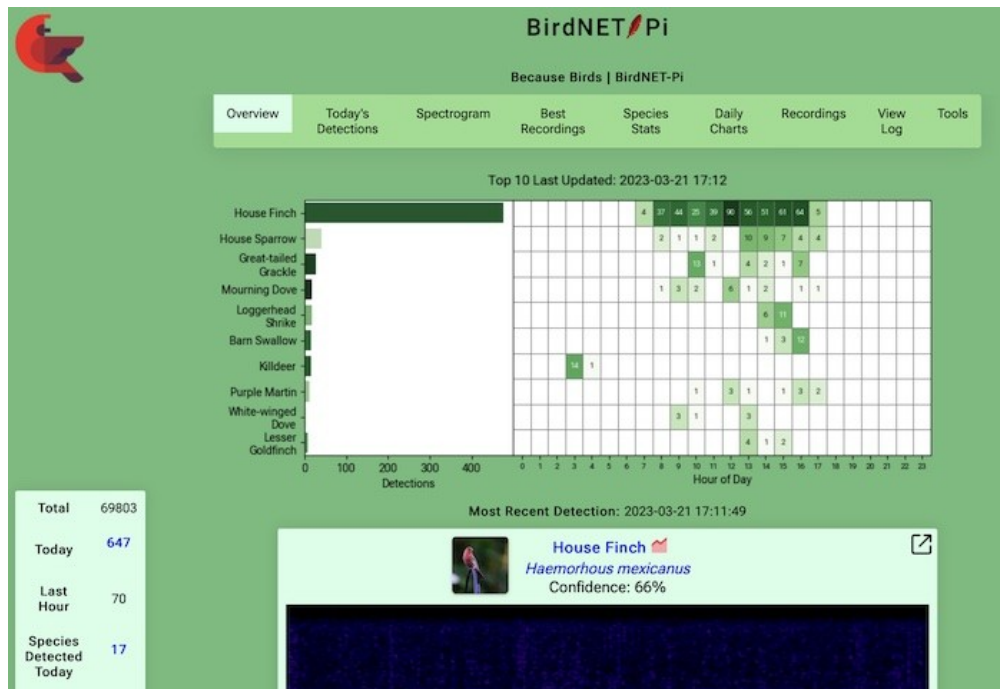


# BirdNET-Pi Acoustic Bird ID Station



The BirdNET-Pi overview page with a heat map of the day's detections

## Description

BirdNET-Pi is an acoustic bird identification station running on Raspberry Pi. It listens 24/7, identifies and logs the birds it hears using Cornell Lab of Ornithology's BirdNET neural analysis model.

The detections are logged in the system and are submitted to [BirdWeather.com](https://birdweather.com). My station is configured to send Discord notifications when a new species is detected for the day.

## History

My BirdNET-Pi station was launched in December 2022. As of March 2023, it is currently at 70,000 detections and counting.

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## Technical details

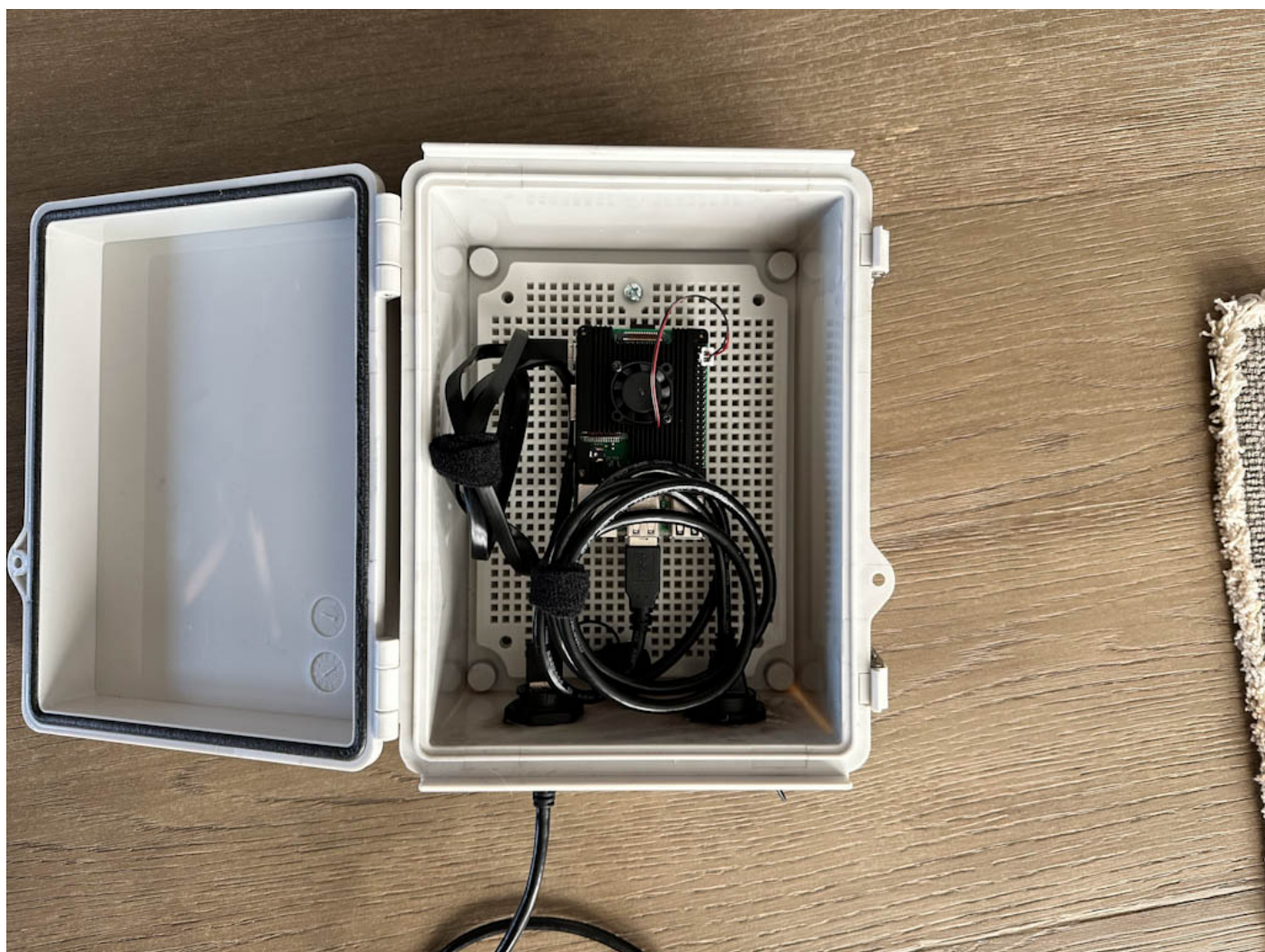
The BirdNET-Pi station is running on a Raspberry Pi 3B+. I built an outdoor enclosure for it and mounted it on the back of my house in the backyard.

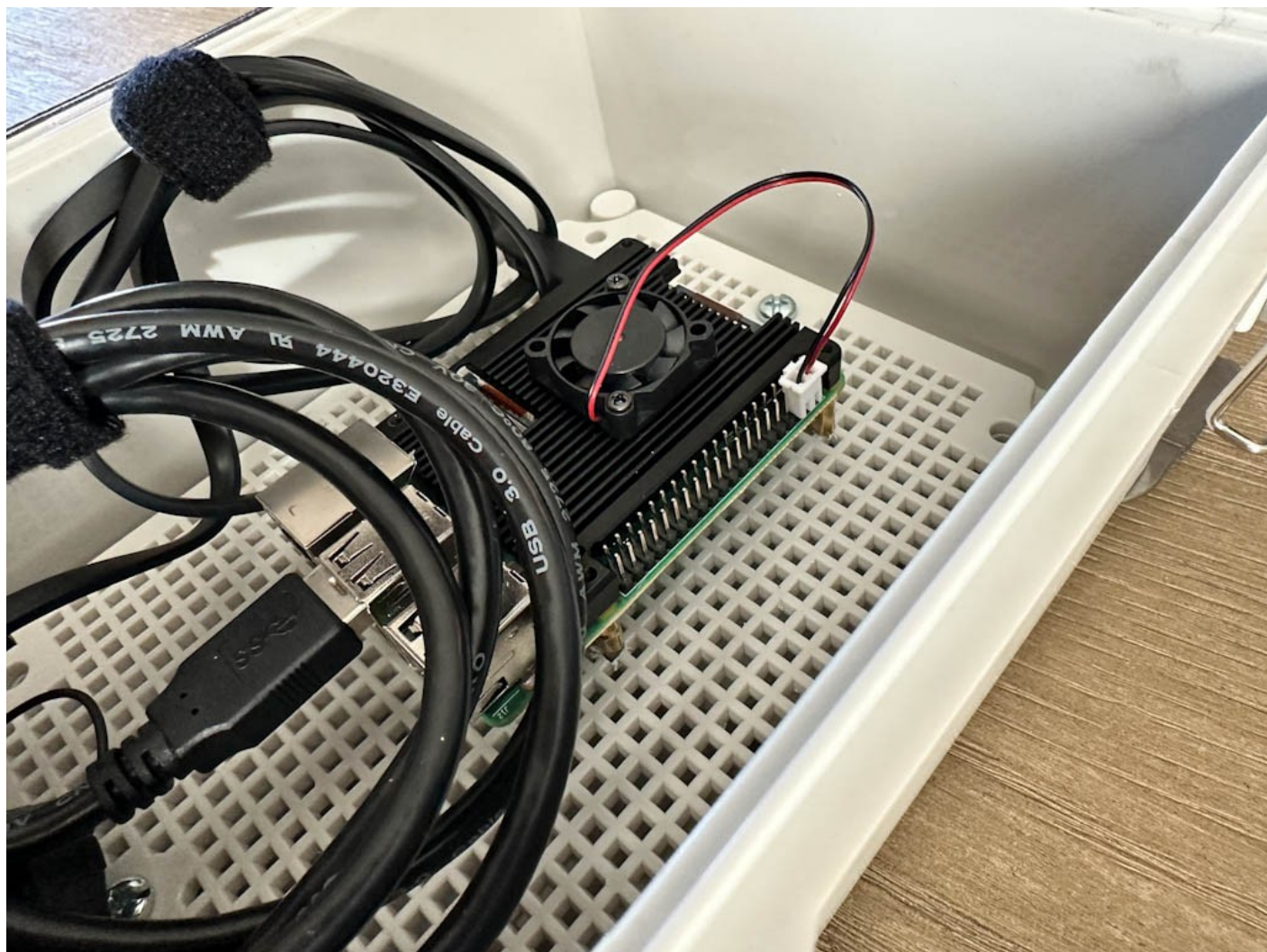
*Below are links to find the products used in this recording setup. These are Amazon affiliate links that help support my birding hobby at no cost to you.*

Computing hardware	Raspberry Pi 3B+, <a href="#">4</a> , or <a href="#">Le Potato</a>
Cooling	<a href="#">Heatsink + fan</a>
Outdoor enclosure	<a href="#">QILIPSU Hinged Cover</a>
I/O ports (x2)	<a href="#">CNLINKO USB 3.0 Connector</a>
Microphone option #1 (USB)	<a href="#">USB Microphone</a>
Microphone option #2 (3.5mm + sound card dongle)	<a href="#">Sound card + 3.5mm lavalier mic</a>
Installation method	<a href="#">Installation guide</a>

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## Photos











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