

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 7, 2026

## TetrODrive

RRID:SCR\_022326

Type: Tool

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### Proper Citation

TetrODrive (RRID:SCR\_022326)

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### Resource Information

**URL:** <https://edspace.american.edu/openbehavior/project/tetrodrive/>

**Proper Citation:** TetrODrive (RRID:SCR\_022326)

**Description:** 3D printed microdrive for electrophysiology and optophysiology. Consists of main body and head. Used for in vivo tetrode recording, optical imaging, and optogenetic manipulation in freely moving mice. Design files and build instructions for this device can be found on TetrODrive GitHub. Microdrive can be assembled in 15 min and price for all materials, including 3D printer, is lower than single commercial microdrive.

**Resource Type:** data or information resource, instrument resource, portal, project portal

**Defining Citation:** [DOI:10.1088/1741-2552/abf608](https://doi.org/10.1088/1741-2552/abf608)

**Keywords:** OpenBehavior, Instrument, microdrive, behavior measurement, freely moving, neural recording, electrical recording, optical imaging, neural modulation, optogenetics

**Availability:** Free, Freely available

**Resource Name:** TetrODrive

**Resource ID:** SCR\_022326

**Alternate URLs:** <https://github.com/MarcelMB/TetrODrive>

**Record Creation Time:** 20220602T050139+0000

**Record Last Update:** 20260905T133013+0000

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### Ratings and Alerts

No rating or validation information has been found for TetrODrive.

No alerts have been found for TetrODrive.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.