

Resource Summary Report

Generated by RRID on Aug 6, 2026

TDT: RZ6 Multi-I/O Processor

RRID:SCR_018153

Type: Tool

Proper Citation

TDT: RZ6 Multi-I/O Processor (RRID:SCR_018153)

Resource Information

URL: <https://www.tdt.com/component/rz6-multi-i-o-processor/>

Proper Citation: TDT: RZ6 Multi-I/O Processor (RRID:SCR_018153)

Description: Processor for auditory research delivers processing power, data transfer and sample rate of 200 kHz by Tucker-Davis Technologies . Can be equipped with up to 4 high-performance DSPs to support complex stimulus control, high frequency applications, and real time normalization for speakers and microphones.

Resource Type: instrument resource

Keywords: Processor, auditory research, stimulus control, high frequency application, real time normalization, speaker, microphone, Tucker-Davis Technologies, instrument, equipment

Availability: Restricted

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_018153.pdf

Resource Name: TDT: RZ6 Multi-I/O Processor

Resource ID: SCR_018153

Alternate URLs: <https://www.tdt.com/files/manuals/hardware/RZ6.pdf>

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260801T190611+0000

Ratings and Alerts

No rating or validation information has been found for TDT: RZ6 Multi-I/O Processor.

No alerts have been found for TDT: RZ6 Multi-I/O Processor.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Du X, et al. (2025) The multifaceted role of the inferior colliculus in sensory prediction, reward processing, and decision-making. eLife, 13.

Du X, et al. (2024) Protocol for behavioral and neural recording in macaques during a novelty detection task. STAR protocols, 5(3), 103252.

van den Berg MM, et al. (2024) Sodium salicylate improves detection of amplitude-modulated sound in mice. iScience, 27(5), 109691.

Bosseler AN, et al. (2024) Infants' brain responses to social interaction predict future language growth. Current biology : CB, 34(8), 1731.

Zhang C, et al. (2021) The role of oxidative stress in the susceptibility of noise-impaired cochleae to synaptic loss induced by intracochlear electrical stimulation. Neuropharmacology, 196, 108707.