Resource Summary Report

Generated by RRID on Aug 7, 2026

DATAPixx

RRID:SCR_009648
Type: Tool

Proper Citation

DATAPixx (RRID:SCR_009648)

Resource Information

URL: http://www.vpixx.com/products/visual-stimulators/datapixx.html

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Description: Supplies a complete multi-function data and video processing USB peripheral for vision research. In addition to a dual-display video processor, the DATAPixx includes an array of peripherals which often need to be synchronized to video during an experiment, including a stereo audio stimulator, a button box port for precise reaction-time measurement, triggers for electrophysiology equipment, and even a complete analog I/O subsystem. Because we implemented the video controller and peripheral control on the same circuit board, you can now successfully synchronize all of your subject I/O to video refresh with microsecond precision.

Abbreviations: DATAPixx

Resource Type: commercial organization

Keywords: eeg, eeg, meg, electrocorticography, experiment control, hardware, magnetic resonance, physiological recording, response monitoring, stimulus presentation, vision

Availability: Commercial license

Resource Name: DATAPixx

Resource ID: SCR_009648

Alternate IDs: nlx_155989

Alternate URLs: http://www.nitrc.org/projects/vpixx

Record Creation Time: 20220129T080254+0000

Record Last Update: 20260801T190345+0000

Ratings and Alerts

No rating or validation information has been found for DATAPixx.

No alerts have been found for DATAPixx.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

de Vries IEJ, et al. (2023) Predictive neural representations of naturalistic dynamic input. Nature communications, 14(1), 3858.

Yildirim I, et al. (2023) Neural Dynamics during Binocular Rivalry: Indications from Human Lateral Geniculate Nucleus. eNeuro, 10(1).

Lamp G, et al. (2022) Kinematic Studies of the Go/No-Go Task as a Dynamic Sensorimotor Inhibition Task for Assessment of Motor and Executive Function in Stroke Patients: An Exploratory Study in a Neurotypical Sample. Brain sciences, 12(11).

Arranz-Paraíso S, et al. (2021) Reduced surround suppression in monocular motion perception. Journal of vision, 21(1), 10.

Khandhadia AP, et al. (2021) Audiovisual integration in macaque face patch neurons. Current biology : CB, 31(9), 1826.

de Vries IEJ, et al. (2021) Decoding Object-Based Auditory Attention from Source-Reconstructed MEG Alpha Oscillations. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(41), 8603.

Luna R, et al. (2020) Interaction between motion scales: When performance in motion discrimination is worse for a compound stimulus than for its integrating components. Vision research, 167, 60.

Ho HT, et al. (2019) Auditory Perceptual History Is Propagated through Alpha Oscillations. Current biology : CB, 29(24), 4208.

Wang L, et al. (2018) Activation of Striatal Neurons Causes a Perceptual Decision Bias during Visual Change Detection in Mice. Neuron, 97(6), 1369.

Wise A, et al. (2018) Perceived Simultaneity and Temporal Order of Audiovisual Events Following Concussion. Frontiers in human neuroscience, 12, 139.

Basharat A, et al. (2018) Simultaneity and Temporal Order Judgments Are Coded Differently and Change With Age: An Event-Related Potential Study. Frontiers in integrative neuroscience, 12, 15.

Arranz-Paraíso S, et al. (2018) Testing the link between visual suppression and intelligence. PloS one, 13(7), e0200151.

Ho HT, et al. (2017) Auditory Sensitivity and Decision Criteria Oscillate at Different Frequencies Separately for the Two Ears. Current biology : CB, 27(23), 3643.

Ford TC, et al. (2017) Spatio-temporal source cluster analysis reveals fronto-temporal auditory change processing differences within a shared autistic and schizotypal trait phenotype. NeuroImage. Clinical, 16, 383.

Gnanaseelan R, et al. (2014) Binocular advantage for prehension movements performed in visually enriched environments requiring visual search. Frontiers in human neuroscience, 8, 959.