

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

A.M.P.I.: Master 8 stimulator

RRID:SCR_018889

Type: Tool

Proper Citation

A.M.P.I.: Master 8 stimulator (RRID:SCR_018889)

Resource Information

URL:

<https://neurophysics.ucsd.edu/Manuals/Master%208/Master%208%20Eight%20Channel%20Program>

Proper Citation: A.M.P.I.: Master 8 stimulator (RRID:SCR_018889)

Description: Pulse generator that can hold 8 different pre-programmed paradigms all of which can use up to all 8 channels.

Synonyms: Master-8 EIGHT CHANNEL PROGRAMMABLE PULSE GENERATOR, Master-8 Eight Channel Programmable Pulse Generator

Resource Type: instrument resource

Keywords: A.M.P.I, pulse generator, eight channel generator, programmable generator, instrument, equipment

Availability: Restricted

Resource Name: A.M.P.I.: Master 8 stimulator

Resource ID: SCR_018889

Alternate URLs:

<https://neurophysics.ucsd.edu/Manuals/Master%208/Master%208%20Eight%20Channel%20Program>

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260728T043548+0000

Ratings and Alerts

No rating or validation information has been found for A.M.P.I.: Master 8 stimulator.

No alerts have been found for A.M.P.I.: Master 8 stimulator.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Lee CR, et al. (2025) Separable dorsal raphe dopamine projections mimic the facets of a loneliness-like state. eLife, 14.

Kamath T, et al. (2025) Hunger modulates exploration through suppression of dopamine signaling in the tail of the striatum. Neuron, 113(23), 4055.

Bruentgens F, et al. (2024) The Lack of Synapsin Alters Presynaptic Plasticity at Hippocampal Mossy Fibers in Male Mice. eNeuro, 11(7).

Herrera-Zamora JM, et al. (2024) Increased glutamatergic neurotransmission between the retinohypothalamic tract and the suprachiasmatic nucleus of old mice. Journal of neuroscience research, 102(4), e25331.

Schor JS, et al. (2022) Therapeutic deep brain stimulation disrupts movement-related subthalamic nucleus activity in parkinsonian mice. eLife, 11.

Jørgensen AB, et al. (2022) μ -Opioid Receptor Activation Reduces Glutamate Release in the preBötzing Complex in Organotypic Slice Cultures. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(43), 8066.

Daniel Gómez C, et al. (2021) GABAergic Inhibition of Presynaptic Ca²⁺ Transients in Respiratory PreBötzing Neurons in Organotypic Slice Cultures. eNeuro, 8(4).