

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 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: 20260808T190116+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 8 mentions in open access literature.

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

Casas M, et al. (2026) Bilateral equalization of synaptic output in olfactory glomeruli of *Xenopus* tadpoles. *eLife*, 14.

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 Ca^{2+} Transients in Respiratory PreBötzing Neurons in Organotypic Slice Cultures. *eNeuro*, 8(4).