2hp — Kick

- [Manual PDF](#)

[Manual PDF (image reference)](#)

Kick Eurorack Module Cheat Sheet

Summary

Kick is a flexible analog kick drum synthesizer module. It features CV control over all main parameters, 1V/Octave pitch tracking, and a wide decay/tone range (from sine to overdriven, distorted kicks).

Panel Controls & Jacks

#	Name	Type	Function/Range / Notes
1	**TRIG**	Jack	**Trigger Input:** Accepts gate signals to trigger the kick.
2	**TONE**	Knob + Jack	**Tone/Character:** Knob - sets from clean sine (center/right) to overdrive (left); CV Input (-5V to +5V)
3	**DECAY**	Knob + Jack	

#	Name	Type	Function/Range / Notes
			Decay Time: Knob - sets decay 80ms up to 15s; CV Input (-5V to +5V, adds to pot)
4	**V/OCT**	Jack	**Pitch CV Input:** 1V/Oct for tonal playing/ sequencing; Adds to Pitch knob
5	**PITCH**	Knob	**Pitch Control:** Sets base frequency of drum sound
6	**OUT**	Jack	**Audio Output:** Drum audio, 10Vpp (peak-to-peak)

Voltage Ranges

- **TONE CV Input:** -5V to +5V
- **DECAY CV Input:** -5V to +5V
- **V/OCT (Pitch):** Standard 1V/octave
- **Audio OUT:** 10Vpp

Quick Reference Table

Control	CV Range	Function
TONE (knob + jack)	-5V to +5V	Sine (center/right) → Overdrive (left); pitch mod (higher when left/right)
DECAY (knob + jack)	-5V to +5V	Decay time 80ms–15s, CV adds to knob
V/OCT (jack)	1V/oct	Tonal pitch/frequency

Control	CV Range	Function
PITCH (knob)	n/a	Base pitch of drum
OUT (jack)	10Vpp	Drum audio output (patch to mixer/FX, etc.)
TRIG (jack)	Gate/Trig	Triggers drum envelope

Installation

- **Width:** 2 HP
- **Depth:** 42mm
- **Power:** +12V: 74mA, -12V: 2mA
- **Red stripe:** must face -12V (usually bottom)
- **Secure ribbon to both module and bus board.**

Suggested Use

- Sequence via gate/trigger to **TRIG**.
- Sequence pitch via 1V/Oct to **V/OCT** for tuned drums/basslines.
- Modulate **TONE** and **DECAY** for variation and dynamic kicks.
- Run **OUT** to your drum mix, VCA, or FX modules.

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