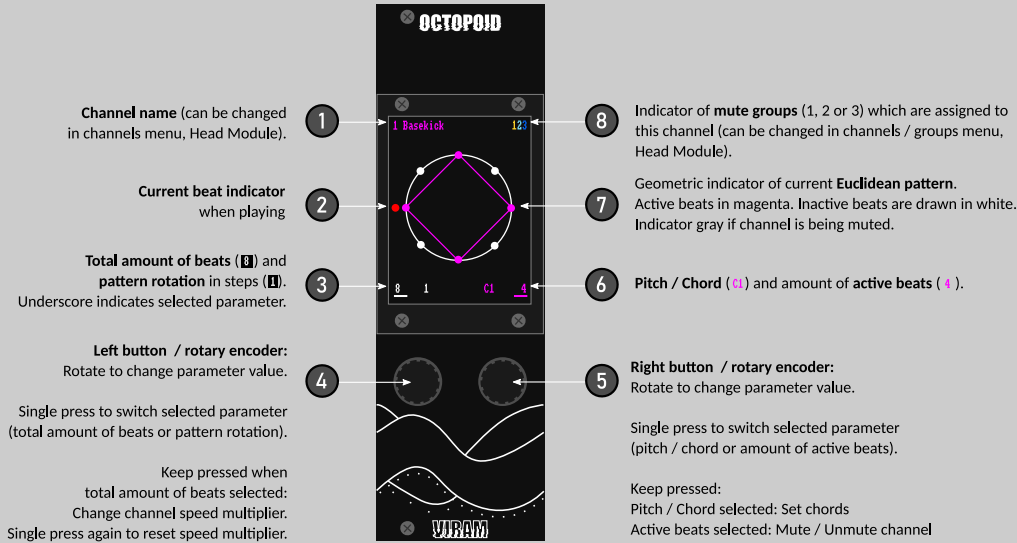# THE OCTOPOID
TINY CV EDITION

Quick Start: Octopoid Arm Modules Extension Set
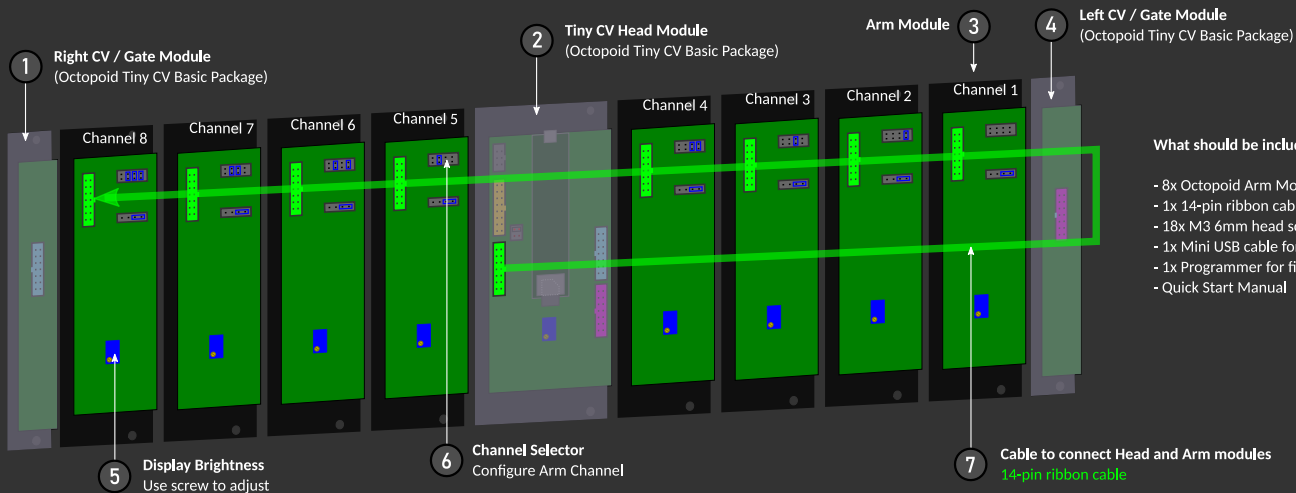
! The Octopoid Arm Modules Extension Set will not work alone and requires the Octopoid Tiny CV Basic Package.

Channel name (can be changed in channels menu, Head Module). — **1**

Current beat indicator when playing — **2**

Total amount of beats (▯) and **pattern rotation** in steps (▮). Underscore indicates selected parameter. — **3**

Left button / rotary encoder:
Rotate to change parameter value.

Single press to switch selected parameter (total amount of beats or pattern rotation).

Keep pressed when total amount of beats selected: Change channel speed multiplier. Single press again to reset speed multiplier. — **4**

8 — Indicator of **mute groups** (1, 2 or 3) which are assigned to this channel (can be changed in channels / groups menu, Head Module).

7 — Geometric indicator of current **Euclidean pattern**. Active beats in magenta. Inactive beats are drawn in white. Indicator gray if channel is being muted.

6 — **Pitch / Chord** (C1) and amount of **active beats** (4).

5 — **Right button / rotary encoder:**
Rotate to change parameter value.

Single press to switch selected parameter (pitch / chord or amount of active beats).

Keep pressed:
Pitch / Chord selected: Set chords
Active beats selected: Mute / Unmute channel

IMPORTANT SAFETY INSTRUCTIONS & DISPOSAL:

1. Read these instructions, keep them and follow them.
2. Heed all warnings.
3. Clean only with dry clothes. Do not use this product near water, rain or moisture.
4. Make sure you only install the hardware to Eurorack modular systems (A100 bus).
5. Make sure your Eurorack system is powered off during installation to reduce the risk of electric shocks.
5. Use only provided cabling and attachment by manufacturer.
6. This product can not be operated alone and requires electrical knowledge to be installed properly in a Eurorack modular system. Check with a qualified electrician or serviceman in case of any doubts or if you don't know what you should do.
7. Meaning of this symbol: Do not dispose with other household waste. Return to retailer, manufacturer free of charge or contact your local goverment office for details of where and how to ensure safe recycling to protect the natural environment. Please read our information on electrical and electronic equipment located at https://viram.info/en/infoelectronics to find out more about correct disposal. We are a registered producer of electronic devices with WEEE-Reg.-Nr. DE 14797810.
8. Make sure to remove or delete all stored private data (e. g. presets) on SD card on your own or remove and keep SD card before disposal.

Hardware Installation

1 — **Right CV / Gate Module** (Octopoid Tiny CV Basic Package)

Channel 8 Channel 7 Channel 6 Channel 5

2 — **Tiny CV Head Module** (Octopoid Tiny CV Basic Package)

Arm Module — **3**

4 — **Left CV / Gate Module** (Octopoid Tiny CV Basic Package)

Channel 4 Channel 3 Channel 2 Channel 1

What should be included:

- 8x Octopoid Arm Modules (preconfigured channels)
- 1x 14-pin ribbon cable (connect Head to Arm Modules)
- 18x M3 6mm head screws + allen key for mounting
- 1x Mini USB cable for programmer
- 1x Programmer for firmware updates
- Quick Start Manual

5 — **Display Brightness** Use screw to adjust

6 — **Channel Selector** Configure Arm Channel

7 — **Cable to connect Head and Arm modules** 14-pin ribbon cable

Channel Selector: Configure Arm channel based on jumper configuration

Channel 1	Channel 5
Channel 2	Channel 6
Channel 3	Channel 7
Channel 4	Channel 8

Quick Installation Guide:

1. **Make sure your Eurorack system is powered off before installation and that you checked all safety instructions!**
2. The whole installation (Octopoid Tiny CV Basic Package + Arm extensions) requires **84 HP in total**.
3. Make sure you have latest firmware version (v5.4.2 or higher) running on Head Module (check "Info" in settings menu, follow upgrade instructions on https://viram.info/en/support if not).
4. Place Head Module (2) centrally in Eurorack and CV / Gate Modules (1 + 4) at the outer edges without fixing (no screws). Connect modules according to Octopoid Tiny CV Basic Package Quick Start manual.
5. First connect 14-pin ribbon cable (7) to Head Module (2), than route cable to outer left CV / Gate Module (4), than insert and connect channel 1 Arm Module (3) (check for module with correct channel selector (6)).
6. Insert and connect channel 2 Arm Module, channel 3 Arm Module and channel 4 Arm Module.
7. Route cable behind Head Module and proceed with remaining channels 5 to 8 accordingly.
8. Finally fix all modules using M3 head screws.
9. Power on your Eurorack system, check that Arm Modules are enabled in settings menu of Head Module. If not: Go to settings menu, enable Arm Modules, save settings, power off and power on again.

VIRAM
Viktor Ratza Modular

Mail: **hello@viram.info**
Web: **viram.info**