RADIO ACTIVE

INTERFACE & CONTROLS

123X64 OLED DISPLAY — LIVE FREQUENCY & INFO

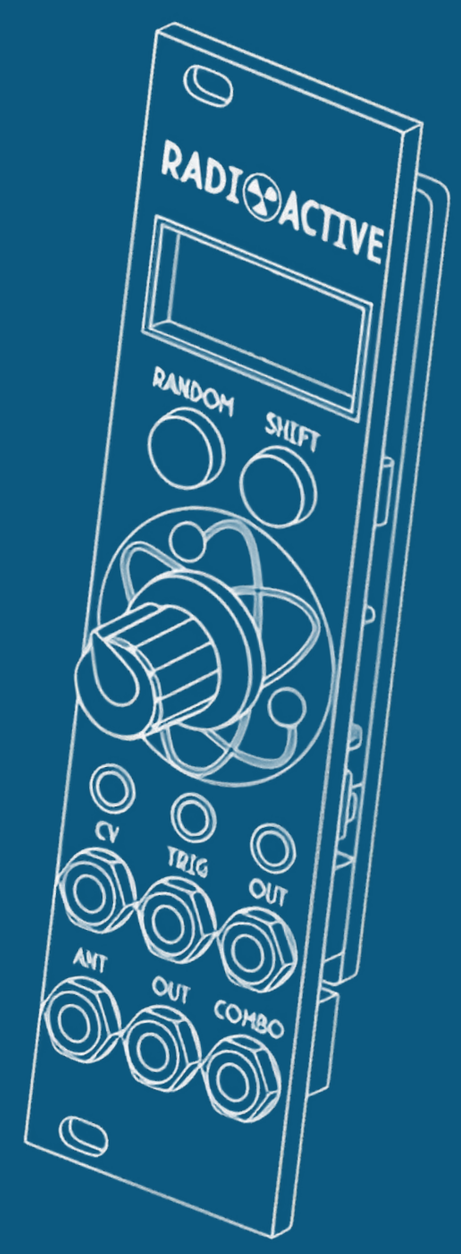
CV INPUT — VOLTAGE-CONTROLLED STATION SELECTION

TRIGGER INPUT — RANDOM STATION SELECTION

GATE INPUT — MUTE/UNMUTE TOGGLE

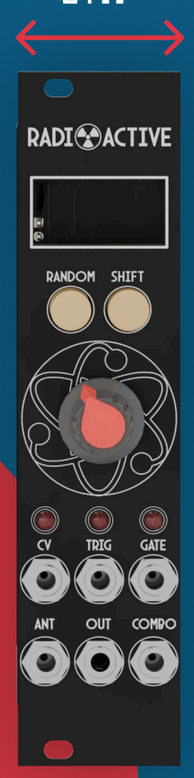
ANTENNA JACK

SUPPORTS INTERNAL OR EXTERNAL ANTENNA

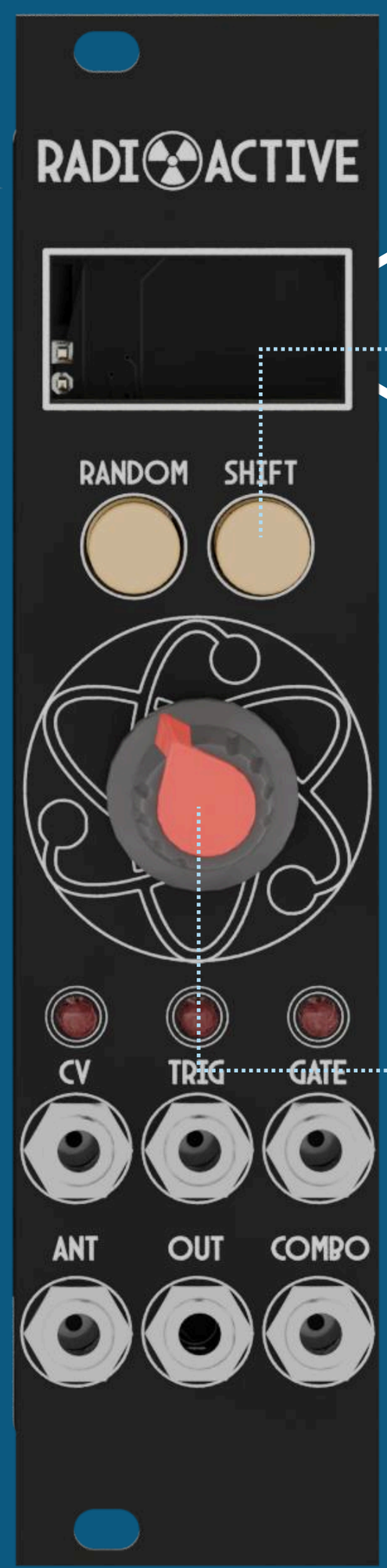


RADIO ACTIVE DIMESIONS AND SIZE

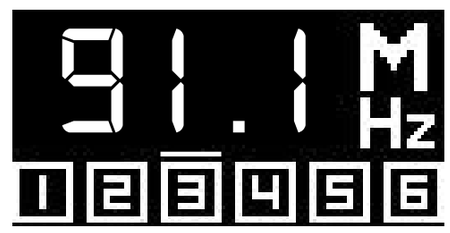
6HP



GRANOLA



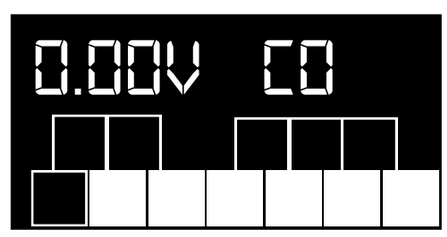
FM Mode



1

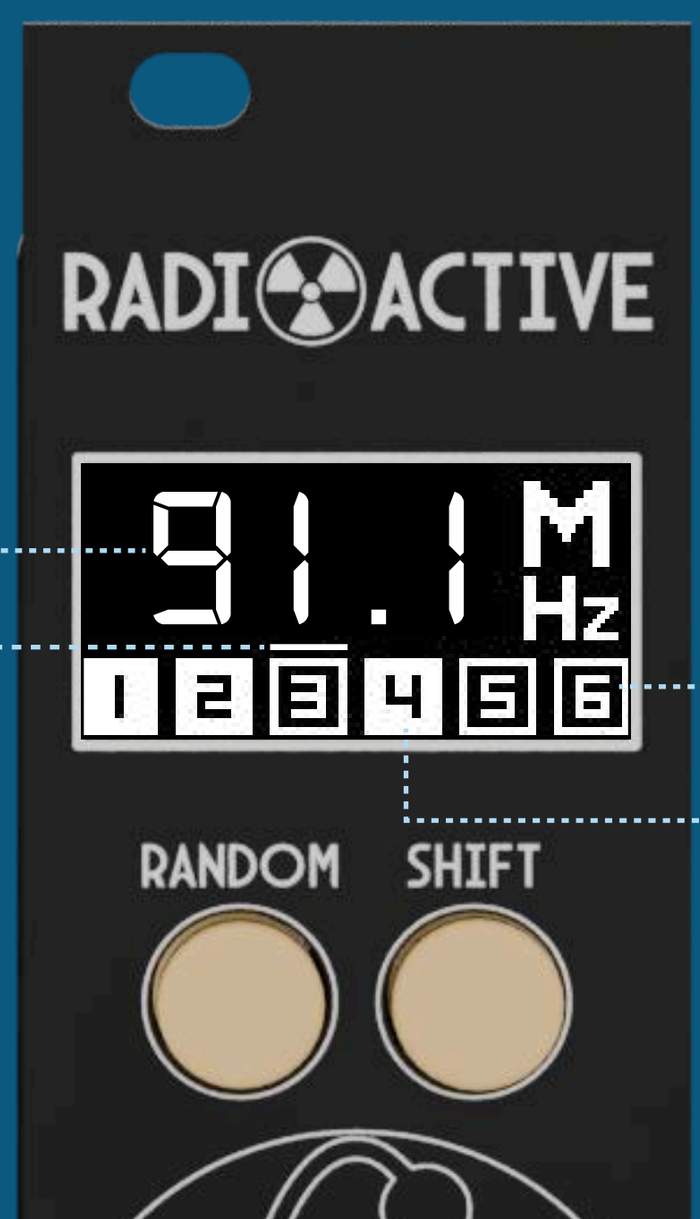
Shift button toggles between different modes

Quantizer Mode



2

Use the encoder to choose FM Station & Press encoder to turn it on



Tuned Frequency

Current Station

Station Number

The white fill shows that station is turned on & not muted

Radioactive is a 6HP Eurorack module that brings real-world FM radio into your modular system. Covering the 88–108 MHz range, it lets you patch in up to 6 actual FM stations, creating unpredictable textures, sampled content, or ambient backdrops.

I/Os:

CV IN — Station Select (0–5V)
Selects one of six FM stations using control voltage. 0V = Station 1, 5V = Station 6. Intermediate voltages choose the stations in between. Ideal for sequencers, LFOs, or random CV.

TRIG — External Random Select
A rising trigger performs the same action as the front-panel Random button, choosing a random active station.

GATE — Mute Output

- **LOW: Output unmuted**
- **HIGH: Output muted**

Useful for rhythmic gating or performance control.

ANT — Antenna Input.
Connect an FM antenna here for best reception or just use a Eurorack Patch Cable.

OUTPUT — Stereo Audio Out.
Main stereo output at Eurorack levels, carrying the selected FM station's audio.

QUANT — Quantized CV Out
Outputs pitch-quantized CV from the internal chromatic quantizer. Behavior depends on the current mode set by the Shift button.

Buttons

Random — Immediately switches to a randomly chosen active station. Great for unpredictable or generative

Shift — Toggles between FM Mode and Quantizer Mode.

FM Mode: Normal radio operation with CV station control.

Quantizer Mode: Activates the chromatic quantizer and routes its output to the QUANT jack.

Changing FM Tuning Frequency (88.0 MHz – 108.0 MHz)

1. Use the encoder to select the station you want to change.

2. Press and hold the encoder button. While holding it, press the RANDOM button. You will enter FM tuning mode.

3. Rotate the encoder to select the main frequency from 88 MHz to 108 MHz. Press the encoder button to lock the MHz value.

4. Rotate the encoder to adjust the decimal value from 0.0 to 0.9. Press the encoder button again to confirm.

5. The new frequency is saved and the device exits FM tuning mode.