

Tiptop Audio – RS808

- [Manual PDF](#)

[RS808 Manual PDF](#)

Tiptop Audio RS808 Cheat Sheet

The RS808 is a TR-808 Rimshot/Clavs sound generator for Eurorack, offering expanded control over classic 808 percussion sounds.

Quick Start

1. Connect GATE IN to a gate/trigger source.
2. Connect RS/CL OUT to your audio system.
3. Set LEVEL halfway, both toggle switches down (Rimshot).
4. Set SNAP ~30%, PITCH ~50%.
5. Flip both toggles up for Clavs; experiment with combinations for other sounds.

Panel Overview

Control/Jack	Function
LEVEL (Knob)	Output volume of the module.
SNAP (Knob)	Height/strength of internal envelope (adds "snap" to sound).

Control/Jack	Function
PITCH (Knob)	Sets frequency/pitch of the sound (not on original TR-808).
ACCENT (Knob)	Adjusts dynamic accent/gain for triggered notes.
ACCENT IN (Jack)	Gate/trigger for accent—sets loudness/attack dynamically. Voltage Range: 0 to 10V gate preferred.
GATE IN (Jack)	Main gate/trigger input to fire sound. Voltage Range: 0 to 10V gate/trigger.
RS/CL OUT (Jack)	Main audio output. Output level: Eurorack line level (~10Vpp or less) .
Toggle Switches (2x)	Sound selection: - Both down: Rimshot - Both up: Clavs - Left up/Right down: Blend/Hybrid - Left down/Right up: Short click

Sound Selection via Toggles

- **Both DOWN:** Classic 808 *Rimshot*
- **Both UP:** 808 *Clavs*
- **Left UP / Right DOWN:** Hybrid (mix of Clavs & Rimshot), nonlinear mix
- **Left DOWN / Right UP:** Short “click” sound

Patch Reference

Jack	Type	Expected Signal	Function
GATE IN	CV input	0–10V gate/ trigger	Triggers sound
ACCENT IN	CV input	0–10V gate/ trigger	Dynamic accent control
RS/CL OUT	Audio output	10Vpp max (typical)	Module output

Additional Notes

- **SNAP** and **PITCH**: New controls absent from original TR-808, enable deeper sound design possibilities.
- **Accent Routing**:
 - With no ACCENT IN jack inserted, **GATE IN** is normalized to ACCENT for extra punch.
 - If ACCENT IN is patched, control accent dynamically via gates/ triggers or CV.
- **ACCENT Knob**: Acts as gain fine-tune if no accent gate present; sets accent amplitude difference if ACCENT IN is used.

For more, visit the [RS808 product page](#).

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