

# Tiptop Audio – RS808

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- Manual PDF
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[RS808 Manual PDF](#)

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## Tiptop Audio RS808 Cheat Sheet

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

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### 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.
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### 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: <b>0 to 10V</b> gate preferred.
GATE IN (Jack)	Main gate/trigger input to fire sound. Voltage Range: <b>0 to 10V</b> gate/trigger.
RS/CL OUT (Jack)	Main audio output. Output level: <b>Eurorack line level (~10Vpp or less)</b> .
Toggle Switches (2x)	<b>Sound selection:</b> - 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

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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

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## Additional Notes

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

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