

# Tiptop Audio – MA808

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- [Manual PDF](#)
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[Tiptop Audio MA808 Manual PDF](#)

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## Tiptop Audio MA808 Cheat Sheet

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### Overview

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The **MA808** is a Eurorack adaptation of the Roland TR-808 Maracas sound engine, with additional controls and Eurorack-friendly features including white noise out, independent accent control, and an extra **Attack** parameter to adjust sound character.

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### Panel Controls & Jacks Reference

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#### Knobs

- **LEVEL:** Master output volume of maracas sound.
- **ATTACK:** Adjusts the envelope attack time.
- **Counter-clockwise:** Sharper, snappier, more hi-hat like.
- **Clockwise:** Slower, softer, delayed maraca sound.
- **Dot position:** Classic 808 sound.
- **ACCENT:** Sets the amount of dynamic accent (how much louder accented hits will be).

## Input Jacks

Jack	Function	Details/Voltage Ranges
ACCENT IN	Gate/trigger for dynamic accent	Standard 5V trigger/gate
GATE IN	Gate/trigger to play maracas sound	Standard 5V trigger/gate

## Output Jacks

Jack	Output	Details/Voltage Ranges
MA OUT	Maracas main audio out	Line level Eurorack modular audio
808 W-NOISE	Raw analog white noise out	Line level audio (use for other patching)

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## Quick Start

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1. Patch a gate/trigger (5V, ~>2ms) to GATE IN.
  2. Patch MA OUT to mixer or audio interface.
  3. Set LEVEL to 12 o'clock, ACCENT full up, ATTACK at the dot.
  4. Trigger and you'll get the classic 808 maraca sound.
  5. Adjust:
  6. ATTACK counter-clockwise for sharper/hi-hat like tone.
  7. ATTACK clockwise for slower maraca with delayed onset.
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## Feature Tips

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- **White Noise Out:** Use **808 W-NOISE** output as raw noise source for other drum synthesis or modulation.
  - **Accent:**
  - No patch to **ACCENT IN:** Gate is normalized to accent, **ACCENT** knob becomes a fine volume control.
  - Patch a gate to **ACCENT IN:** Independent control of accented notes; **ACCENT** knob scales accent amount.
  - **Classic 808:** Dot on **ATTACK** = original 808 behavior.
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## Voltage Control

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- **Gates/Triggers:** Standard 5V logic. Higher voltage up to 12V usually safe for gate inputs.
  - **Audio Outputs (MA OUT, 808 W-NOISE):** Modular level audio (~10Vpp typical).
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## Creative Patching Suggestions

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- Run **808 W-NOISE** into filters, VCAs, or envelopes for custom hats/snares.
  - Use **808 W-NOISE** as random modulation or to clock sequencers (random bursts).
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**Manual:** <https://tiptopaudio.com/808-2>

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