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## Tiptop Audio SD808

# Tiptop Audio SD808 Eurorack Rimshot Module User Manual

Model: SD808

## INTRODUCTION

The Tiptop Audio SD808 is a compact 4HP Eurorack analog snare drum module, meticulously designed to recreate the iconic '808 snare drum circuit. This module provides a classic snare sound with versatile controls for tone, snappy noise, and accent, making it an essential addition to any Eurorack modular synthesizer system. Its slim design ensures it fits comfortably into most Eurorack cases, offering powerful percussive capabilities without occupying excessive space.

## PRODUCT OVERVIEW





**Figure 1:** Tiptop Audio SD808 Front Panel Layout

This image displays the front panel of the Tiptop Audio SD808 Eurorack module. From top to bottom, it features rotary knobs for LEVEL, TONE, SNAPPY, and ACCENT. Below these controls are two input jacks labeled ACCENT IN and GATE IN, followed by an output jack labeled SD OUT. The module is black with white text and markings, and the Tiptop Audio logo is visible at the bottom.

## SETUP

Before installing the SD808 module, ensure your Eurorack case is powered off. Always handle modules by their edges to avoid touching electronic components. Refer to your Eurorack case's manual for specific power supply and rail installation instructions.

### Installation Steps:

1. **Power Off:** Disconnect your Eurorack case from the main power supply.

2. **Locate Space:** Find an available 4HP space in your Eurorack case.
3. **Connect Power Cable:** Carefully connect the ribbon power cable to the module's power header. Ensure the red stripe on the ribbon cable aligns with the -12V pin on both the module and your Eurorack power bus board. Incorrect connection can damage the module.
4. **Mount Module:** Place the module into the desired slot and secure it using the provided screws. Do not overtighten.
5. **Power On:** Once securely installed, reconnect your Eurorack case to power and turn it on.

## OPERATING INSTRUCTIONS

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The SD808 module offers intuitive controls for shaping your snare drum sounds. Experiment with each parameter to discover the full range of sonic possibilities.

### Controls and Inputs/Outputs:

- **LEVEL:** This knob controls the overall output volume of the snare drum sound. Adjust clockwise for higher volume, counter-clockwise for lower.
- **TONE:** The Tone control adjusts the pitch of the dual sine wave oscillators that form the core of the snare sound. Turning this knob will alter the fundamental frequency of the drum.
- **SNAPPY:** This control adds white noise to the snare sound, simulating the "snare wires" effect of an acoustic snare drum. Increase for a sharper, more pronounced snare crack.
- **ACCENT:** This knob controls the amount of accent applied to the snare sound. When an accent gate signal is received (via ACCENT IN), this knob determines the intensity of the volume emphasis. It can also be used to fine-tune the final sound even without an external accent signal.
- **ACCENT IN:** A gate input jack. Connect a gate signal here to trigger the accent feature, providing dynamic emphasis to the snare hits.
- **GATE IN:** The main trigger input for the snare drum sound. Connect a gate or trigger signal from your sequencer or other module here to generate a snare hit.
- **SD OUT:** The audio output jack for the SD808 snare drum sound. Connect this to your mixer, audio interface, or other audio processing modules.

## MAINTENANCE

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The Tiptop Audio SD808 module is designed for durability and reliable performance. Minimal maintenance is required to ensure its longevity.

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the module's front panel. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the finish or internal components.
- **Environment:** Operate and store the module in a dry environment, away from direct sunlight, extreme temperatures, and excessive dust.
- **Power:** Always power down your Eurorack system before installing, removing, or re-patching power cables to modules.
- **Connections:** Ensure all patch cables and power cables are securely connected but do not force them.

## TROUBLESHOOTING

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If you encounter issues with your SD808 module, refer to the following common troubleshooting steps:

- **No Sound Output:**

- Check if the module is properly powered and the power cable is correctly oriented (red stripe to -12V).
  - Ensure a gate signal is connected to the GATE IN jack.
  - Verify that the LEVEL knob is turned up.
  - Check all patch cable connections to your mixer or audio interface.
- **Distorted or Unexpected Sound:**
    - Ensure your power supply is stable and providing sufficient current for all modules in your system.
    - Check for proper grounding in your Eurorack system.
    - Experiment with the TONE and SNAPPY controls; extreme settings can produce unusual sounds.
  - **Module Not Responding to Accent:**
    - Confirm a gate signal is connected to the ACCENT IN jack.
    - Adjust the ACCENT knob to increase the effect.

If these steps do not resolve the issue, please contact Tiptop Audio customer support for further assistance.

SPECIFICATIONS

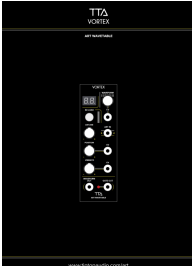

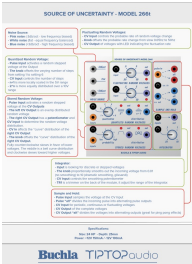
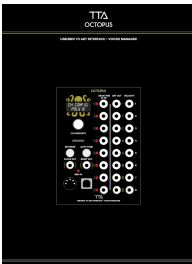


Module Type	Analog Snare Drum Module
Format	Eurorack
Width	4HP
Controls	Level, Tone, Snappy, Accent
Inputs	Accent In, Gate In
Outputs	SD Out (Audio)
Item Weight	3.36 ounces
Product Dimensions (L x W x H)	5.6 x 2.55 x 1.9 inches
Manufacturer	Tiptop Audio

WARRANTY AND SUPPORT

Tiptop Audio products are manufactured to high standards. For information regarding warranty coverage, technical support, or service, please visit the official Tiptop Audio website or contact their customer service directly. Keep your proof of purchase for warranty claims.

*Note: Unauthorized modifications or improper use of the module may void the warranty.*



	<p><a href="#">TTA Vortex ART Wavetable Oscillator Module - Tiptop Audio</a></p> <p>Explore the TTA Vortex, an ART digital wavetable oscillator module from Tiptop Audio. Learn about its features, wavetable synthesis, panel controls, and specifications for Eurorack systems.</p>
	<p><a href="#">Tiptop Audio TRIAX8: Analog Eight Voice Triangle Core Oscillator User Manual</a></p> <p>Discover the Tiptop Audio TRIAX8, a versatile analog Eurorack module featuring an eight-voice triangle core oscillator. This comprehensive user manual guides you through setup, features like PWM and FM, and advanced sound design possibilities for your music production.</p>
	<p><a href="#">Buchla &amp; Tiptop Audio 266t Source of Uncertainty Eurorack Module User Guide</a></p> <p>A comprehensive guide to the Buchla &amp; Tiptop Audio 266t Source of Uncertainty Eurorack module, detailing its noise generation, random voltage processing, sample and hold functions, and integrator capabilities for modular synthesizers.</p>
	<p><a href="#">Tiptop Audio Octopus: USB/MIDI to ART Interface &amp; Voices Manager User Manual</a></p> <p>Comprehensive user manual for the Tiptop Audio Octopus, a USB/MIDI to ART interface and voices manager for Eurorack systems. Learn about setup, configuration, MIDI integration, and advanced features.</p>
	<p><a href="#">Tiptop Audio Circadian Rhythms User Manual</a></p> <p>User manual for the Tiptop Audio Circadian Rhythms Eurorack module, detailing its features, functions, programming, and synchronization capabilities for modular music composers.</p>
	<p><a href="#">Tiptop Audio Mantis Bracket Assembly Instructions</a></p> <p>Detailed assembly instructions for the Tiptop Audio Mantis 3-Tier Studio Brackets, designed to connect three Mantis Eurorack cases securely for studio use.</p>