

Noise Engineering – Terci Ruina

- [Manual PDF](#)
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[Terci Ruina Manual \(PDF\)](#)

Terci Ruina Cheat Sheet

Noise Engineering Terci Ruina

Three Classic Distortions in 4HP (Eurorack)

Quick Start

1. **Power Off** your case before installing.
 2. **Align Red Stripe** on ribbon cable with -12V on the module *and* your power bus.
 3. **Screw In** module before powering on!
 4. **Patch Your Audio Source** to any input (In 1 , In 2 , In 3).
 5. **Patch Output** from any output (Out 1 , Out 2 , Out 3) to a mixer or destination.
 6. **Turn Knobs** (FB, FF, FZ) to taste and explore the range of distortions!
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Panel Controls & Connections

Inputs & Outputs

| Jack | Type | Description | Voltage Range |
|-------|-----------|---|-------------------------------|
| In 1 | Audio In | First distortion input. Normaled to previous output if nothing patched. | Audio ($\sim\pm 5V$ typical) |
| In 2 | Audio In | Second distortion input. Normaled to output of FB stage if nothing patched. | Audio ($\sim\pm 5V$ typical) |
| In 3 | Audio In | Third distortion input. Normaled to output of FF stage if nothing patched. | Audio ($\sim\pm 5V$ typical) |
| Out 1 | Audio Out | Output of first distortion stage (FB). Normaled to In 2 if nothing patched. | |
| Out 2 | Audio Out | Output of second distortion stage (FF). Normaled to In 3 if nothing patched. | |
| Out 3 | Audio Out | Output of third distortion stage (FZ). Final output if all three are in series. | |

Note: Inputs/Outputs are audio-rate only; there is *no* CV control or voltage processing in this module.

Knobs

| Knob | Description |
|------|--|
| FB | Distortion 1 Drive: Bipolar transistor with diode-feedback clipping. Asymmetric, wild. |

| Knob | Description |
|------|---|
| FF | Distortion 2 Drive: Op-amp with feedforward diode clip. Ranges from soft clip to hard. |
| FZ | Distortion 3 Drive: Two-stage bipolar transistor fuzz. Blends phase sections (LP→HP resp.). |

Patching Tips

- **FB → FF → FZ (default):** Patch audio into In 1, Out 3 to mixer for max carnage.
- **Re-Order/Isolate Stages:** Use In/Out jacks to break normalization and explore each stage's sound individually or in custom order.
- **Stack with Filters:** Use before/after a filter for classic overdriven bass/acid sounds.
- **Perfect for Drums:** Try on drum machines or acoustic drums for crunchy distortion.
- **Dynamic Control:** Add a VCA after (e.g., Sinc Bucina) for envelope-shaped distortion.
- **Noisy by Design:** Expect and embrace noise, chaos, odd radio pickup.

Power Requirements

- **+12V:** 30 mA
- **-12V:** 25 mA
- **Connector:** 2x5 Eurorack standard
- **Depth:** 0.8 inches (shallow skiff friendly)

Reference

- **Type:** Triple analog distortion (4HP)

- **Voltage Control:** None (manual knobs only)
 - **Patch Flexibility:** Fully series, parallel, or per-stage patching
 - **Primary Use:** Brutal distortion, aggressive waveshaping, noise
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For full details, troubleshooting, and warranty:

[Terci Ruina Full Manual](#)

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