

# Recovery Effects – Bad Comrade

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- [Manual PDF](#)

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[Bad Comrade V3 Manual \(PDF\)](#)

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## Bad Comrade V3 – Quick Reference Cheat Sheet

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**Manufacturer:** Recovery Effects

**Type:** Glitch / Delay / Distortion Eurorack Module

**Size:** 4HP, 30mm deep

**Power Draw:** 20mA

**URL:** [recoveryeffects.com](http://recoveryeffects.com)

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## Overview

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- **Specialty:** Chaotic delay, freeze, distortion, and glitch FX
- **Unique Features:** Freeze/slice function, voltage control (CV) for MIX and TIME
- **Best Practices:** Power up the module with **GLITCH** and **TIME** knobs turned fully clockwise (wide open).

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## Controls

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Name	Type	Description
MIX	Knob	Blend between clean and effected signal (CVable)

Name	Type	Description
GLITCH	Knob	Sets noise/clipping threshold (counter-clockwise = higher threshold, more cut/clipping)
TIME	Knob	Sets delay time (CVable)
FREEZE	Button	Momentary; slices/loops signal at delay time interval

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## Jacks

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Name	Type	Description	Voltage Range
IN	Input	Audio input	Modular level audio
OUT	Output	Audio output (mix of clean/effect as per MIX)	Modular level audio
CV MIX	CV In	External CV for mixing/blending wet/dry signal (overrides MIX knob when patched)	0–5V
CV TIME	CV In	External CV for controlling delay time (overrides TIME knob when patched)	0–5V

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## Basic Operation

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1. **Signal Input/Output:**
2. Patch your signal into **IN** and use **OUT** for the processed audio.
3. **Mix Control:**

4. Adjust **MIX** knob or patch CV for blending clean and affected signals.
5. **Clipping/Threshold:**
6. Turn **GLITCH** knob to left for more gating and harsh glitching.
7. **Delay Time:**
8. Adjust **TIME** for shorter/longer delay. Use CV for modulation/fluctuation.
9. **Freezing:**
10. Hold **FREEZE** to lock/resample the signal at delay time rate (makes stutter/slice FX).
11. **CV Modulation:**
12. Patch LFO, envelope, or sequencer to CV MIX and/or CV TIME for dynamic FX.

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## Power Up Safety

- Ensure **GLITCH** and **TIME** knobs are fully clockwise before applying power.

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## Warranty & Support

- Register within 30 days of delivery for a 1-year limited warranty.
- Support: [hello@recoveryeffects.com](mailto:hello@recoveryeffects.com)

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### Generated With Eurorack Processor:

<https://github.com/nstarke/eurorack-processor>