



**BOUTIQUE COMPRESOR** 

[RACK EXTENSION] MANUAL



FX device by Turn2on Software





MiniComp Boutique Compressor brings the magic of the pedal world straight into your Reason rack. Inspired by the highly respected *Keeley™ Mini Compressor and Compressor Plus\**, this device captures the musical, studio-grade compression that guitarists, bassists, and producers have relied on for decades. Both of these pedals are considered modern classics, and MiniComp lets you experience their responsive, touch-sensitive feel inside your DAW with the flexibility of a Rack Extension.

Unlike heavy-handed studio compressors that require careful setup, **MiniComp** is designed for fast, musical results.

Turn up the Sustain, adjust Tone, and you instantly get that sweet spot between controlled dynamics and natural expression. Whether you're playing *single-coil* pickups with lots of sparkle or pushing fat *humbuckers* with extra drive, **MiniComp** adapts automatically to your instrument with the Pickup Type switch, ensuring the right response for your signal.

But the **MiniComp** is not just for guitars. Put it on a bass track to tighten low-end rumble without losing punch, use it on vocals for smooth leveling and added clarity, or place it on a drum bus to add glue and sustain to your mix. Its Blend and Auto Blend features make it easy to find the right balance between dry dynamics and compressed tone, a trick often used in parallel compression setups but now available at the twist of a knob.

The heart of **MiniComp** lies in its pedal-inspired architecture: intuitive controls, optimized ranges, and instant musicality. You don't have to be an engineer to get it sounding right – it's made for players, creators, and anyone who wants polished, record-ready tone in seconds.

If you've ever wanted the feel of a boutique compressor pedal in your Reason rack, **MiniComp** delivers: always-on dynamics control, smooth sustain, and versatile tone-shaping, perfect for guitarists, bassists, keyboardists, and producers alike.

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# **■ Top 3 Features**

# **MINICOMP**

- Pickup modes for Single Coil & Humbucker
- Designed for fast, musical results
- Inspired by Keeley  ${}^{\rm TM}$  Mini & Plus Compressor pedals



PARAMETERS	MUSICAL ROOT KEY	
PICKUP TYPE	Switch between Single Coil and Humbucker. Adjusts detector release and attack timings to match pickup dynamics.	
SUSTAIN	Controls the amount of compression. Internally linked to Threshold, Ratio, and Release.  • Low = subtle leveling  • High = strong sustain, squash	
TONE	Tone control doesn't color the audio directly like an EQ knob – instead, it shapes how the compressor's detector "listens" to your signal.  • Tone left (0%) → more full-range detection. The compressor responds equally to lows and highs, giving a warmer, smoother, more natural feel.  • Tone right (100%) → boosts the compressor's sensitivity to high frequencies. Bright notes, pick attack, and upper harmonics trigger more compression, adding sparkle and definition while keeping the low end tight.  Internally, this is done by reducing low-frequency response (Detector LF) while boosting high-frequency sensitivity (Detector HF).  The result is a very musical sidechain EQ, similar to how Keeley pedals tighten up bass while letting treble shine through.	
BLEND	Mixes between dry (incoming unporocessed) and wet (compressed) signals	
AUTO BLEND	Automatically adjusts the dry/wet balance depending on Sustain.  • At low Sustain settings, Auto Blend keeps more of the dry signal in the mix. This preserves natural transients, attack, and playing dynamics.  • As you increase Sustain, Auto Blend gradually brings up more of the compressed signal, enhancing sustain and evening out dynamics without making the sound feel over-processed.  Mimics the "auto-blend" feel of Keeley Mini.  Use Auto Blend ON when you want quick, always-musical results.  Switch it off and use the Blend knob manually when you want full control of the dry/wet ratio for more specific parallel compression setups.	
COMP LEVEL	Make-up gain stage after compression (up to +20 dB). Compensates for level lost to gain reduction.	
OUTPUT LEVEL	Global device output gain, independent from compression. Useful for project gain-staging (rear panel).	
ACTIVE FX	On/Bypass switch for the effect. Variation of effect bypass with fade in and fade out that excludes loud peaks when you enable or disable the effect	

#### T20N

#### INTERNAL ARCHITECTURE

MiniComp models a boutique pedal compressor chain:

- 1. Input stage  $\rightarrow$  adapts to pickup type.
- 2. Envelope detector with LF cut & HF boost shaping via Tone.
- 3. Compression core (Threshold, Ratio, Attack/Release linked to Sustain).
- 4. Auto Blend module → mixes dry + wet intelligently.
- 5. Makeup gain & output stage → + rear panel output trim.

This architecture ensures a pedal-like feel while remaining flexible for DAW mixing tasks.

#### **HOW TO USE**

- 1. Insert MiniComp as an insert effect on guitar, bass, keys, or vocals.
- 2. Select Pickup Type (Single Coil / Humbucker).
- 3. Turn Sustain to set compression intensity.
- 4. Shape response with Tone.
- 5. Blend compressed and dry signals with Blend or let Auto Blend do it automatically.
- 6. Adjust Compressor Output Level for desired loudness.
- 7. Use the rear panel Output if you need final gain staging.

#### **TIPS & TRICKS**

- Use Auto Blend for quick results without overthinking dry/wet balance.
- For single-note sustain (solos, leads), push Sustain high and Blend around 70%.
- For rhythm guitar, keep Sustain moderate and Blend ~50%.
- On bass, lower Tone to avoid pumping from sub-frequencies.
- Try MiniComp on drums or vocals not just guitar for instant "glue" and polish.

#### **EXAMPLES & PRESETS**

PATCH	DESCRIPTION
MiniComp	Deafault Compressor patch
Bass Tight	Thickens bass lines, reduces boom, keeps low end tight
<b>Boost Comp</b>	Minimal compression, used as a clean boost into an amp
Bright Acosutic	Evens out strumming, adds sparkle for acoustic guitar
Crunch Rock	Pushes distortion/amp, adds tight sustain
Funk Chops	Percussive and rhythmic, great for wah/ funk
Lead Sustain	Singing sustain for solos
Limiter Feel	Behaves like a light limiter, keeping levels perfectly even for recording
Mini Gentle	Always-on transparent comp, like Keeley™ Mini at noon
Minimal Squeeze	Pushes the amp, adds a bit of sustain but still subtle

РАТСН	DESCRIPTION
Mini Style (Auto)	Smooth sustain, warm, subtle blend (classic Keeley™ Mini feel)
Minimal Clean	Acts as a clean boost with mild leveling
Nashville +	Tight, twangy comp with attack clarity
Plus Blues	Warmer, softer comp for jazz/blues rhythm
Plus Studio	Balanced, transparent studio-style compression
Plus Style	Feels like a "Nashville" compressor – clear, snappy, extra sustain
Smooth Jazz +	Soft attack, lows preserved, not harsh
Snappy Perc	Snappy, percussive acoustic strums with extra sparkle
Sparkle Country	Classic country chicken-pickin', Telecaster style sparkle
Warm Pad	Soft, subtle compression for ambient/chords



### **REAR PANEL**



## **CONTROLS**



**OUTPUT LEVEL** 

Global device output gain, independent from compression. Useful for project gain-staging (rear panel).

# **CONNECTORS**



**AUDIO I/O** 

Mono or Stereo connections for audio signals.



**CV INPUTS** 

Use these CV inputs to control the main parameters by external CV source curves



**SIGNAL ROUTING** 

Stereo Spreading Fx

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# MINICOMP BOUTIQUE COMPRESSOR

Reason Studios Add-on Shop



Turn2on

Rack Extension Developer

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Thanks to all beta-testers

Inpired by respected Keeley™ Mini Compressor and Compressor Plus\*, this device captures the musical, studio-grade compression that guitarists, bassists, and producers have relied on for decades. Both of them are wired to **MiniComp** 





You don't have to be an engineer to get it sounding right — it's made for players, creators, and anyone who wants polished, record-ready tone in seconds

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