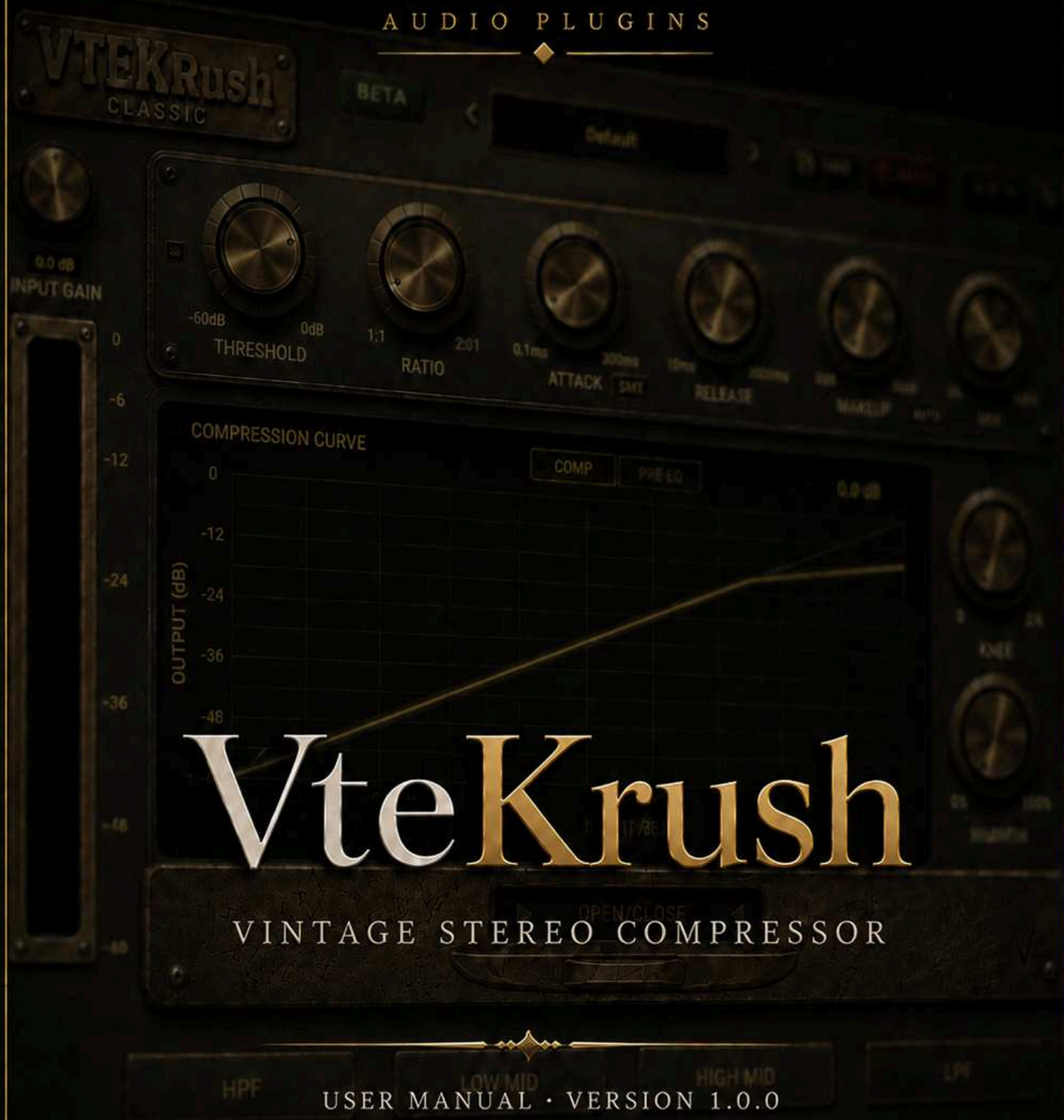


VTEK

AUDIO PLUGINS



VteKrush

VINTAGE STEREO COMPRESSOR

USER MANUAL · VERSION 1.0.0

CRAFTED BY VTEK

Vtek Speaks...

Before the tools begin, a word from Vtek.

Writing this note is surreal for me because this journey started from a thought (as do all things, really) and then, a very awful first run of a compressor plugin that sounded great but the UI needed a world of work.

June 22nd 2026 was the day I decided to make a tool that can tell a sonic story from the mixing and mastering perspective of me. From the first day I opened an audio editing software in 2004 called **AUDACITY** all the way to 3 GRAMMYS nods, over 12 years of consistency and evolution, it has all led to this moment where my scalpel can become yours.

The fastest way to learn is through practice. Well, I might have a remix to that saying. The fastest way to learn is to **GET THE RIGHT TOOLS** and the journey becomes great almost automatically plus you never had to be measured by your 'level' in terms of years of experience but simply by the quality of your sound and your ability to deliver quick and yet, efficiently - my story in a short form.

And so, I introduce to you the **VTEK CLASSIC BUNDLE**, three of the fundamental plugins that will instantly improve your work flow, reduce the mental clutter of having to tinker with knobs, buttons, toggles and nodes and allow you have fun while doing it.

These plugins were fitted with features you would not see often on plugins of its kind (the EQ comes with a de-esser). All you have to do is load it up, get cracking and make that sound come alive I trust you will find these plugins are not just another set of plugins but are the ones made **FOR MUSICIANS BY A MUSICIAN** for the most common needs that a musician would need without the clutter of a 1000 advanced techniques and a great deal of second guessing.

“

*Great sound is not just about knowing more.
It's about having the right tools and using them well.*

”

Cheers.

Vtek.

WELCOME

A GLUE COMPRESSOR WITH A DETECTOR THAT THINKS

VteKrush Classic is a stereo bus compressor built for the places where a mix either comes together or falls apart — the master bus, the drum bus, and the vocal group. It is designed as a glue compressor rather than a surgical one.

What makes it different is the dedicated detector filter section. A high-pass, a low-pass, and two fixed mid-band bells shape what the compressor listens to without touching the audio you hear. Filter the low end out of the detector and kick drums stop pumping the whole mix.

The main panel switches between COMP and PRE-EQ, while side columns keep INPUT and OUTPUT gain in view at all times. Add WARMTH for tape-style saturation, use MIX for parallel compression, and choose FST or SMT to decide how the detector reads the signal.



WHAT MAKES IT DIFFERENT FROM A TYPICAL BUS COMPRESSOR:

the detector filter changes compressor behaviour, not program tone.



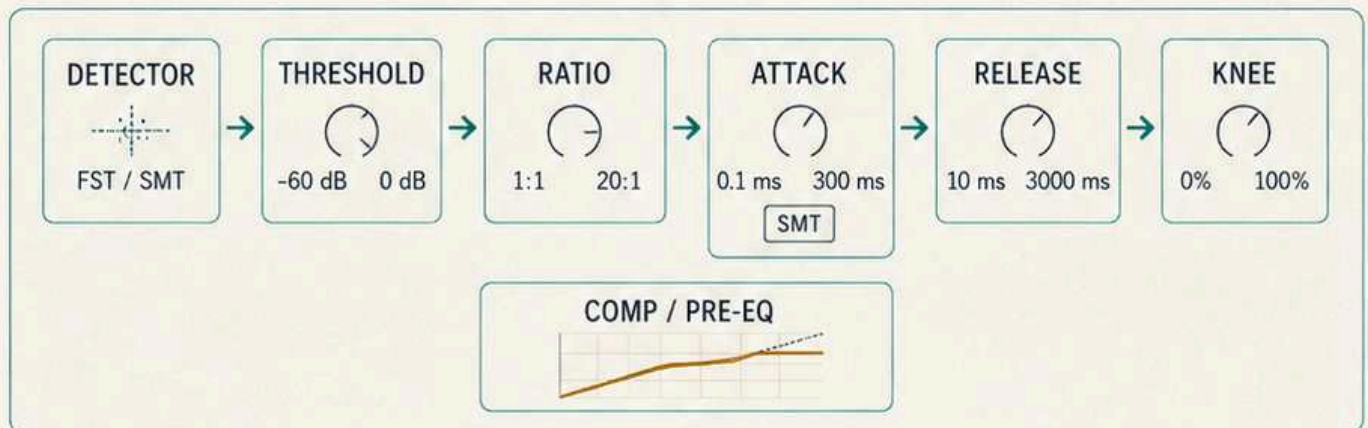
SIGNAL FLOW

How the compressor, detector, and output chain together

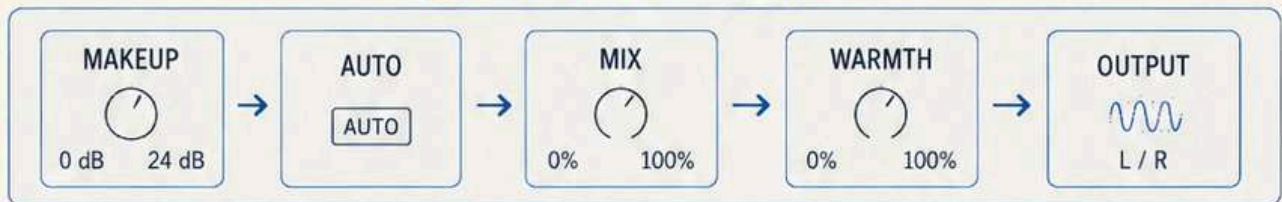
1 DETECTOR FILTERS



2 DYNAMICS ENGINE



3 OUTPUT & COLOR



Audio moves through the detector filters into the dynamics engine, then into output & color — in that order, always.

Two things worth knowing: the detector path never reaches the output — it only tells the compressor how much to reduce. The audio you hear stays full-range at all times.



The audio you hear stays full-range. The detector path is the filtered copy that tells the compressor how much to reduce.



HPF is often the first switch to try on a mix bus — it keeps kick and bass from driving the whole compressor.

Every control, numbered



- 1** **Input gain** — trims level into the compressor
- 2** **Threshold** — -60 to 0 dB
- 3** **Ratio** — 1:1 to 20:1
- 4** **Attack / FST-SMT** — transient response and detector mode
- 5** **Release** — recovery time
- 6** **Makeup / Auto** — restores level after compression
- 7** **Mix** — dry/wet blend for parallel compression
- 8** **Display** — compression curve and COMP / PRE-EQ view
- 9** **Knee** — how gently compression bends in
- 10** **Warmth** — tape-style saturation
- 11** **Detector filters** — HPF, LOW MID, HIGH MID, LPF
- 12** **Toolbar and side columns** — preset tools, power, input/output meters
- 13** **SN - SHOW NUMBERS** Displays exact knob values; no sound change.

DETECTOR & READOUT

How VteKrush listens

Detector filtering, response mode, and the little SN button.

1 WHAT THE DETECTOR FILTER DOES

The detector filter changes what the compressor listens to - not what you hear. VteKrush splits off a copy of the input, filters that copy, and uses it only to decide when and how much to compress.

Example: engage the 150 Hz HPF and the bass stays in your mix, but kick and bass have less influence over the detector. The audible signal remains full-range.

AUDIO PATH = what you hear DETECTOR PATH = what VteKrush measures

2 FST / SMT - HOW THE DETECTOR READS LEVEL

FST**FAST / INSTANTANEOUS**

FST follows instantaneous level. It notices short peaks and transients more readily, so it tends to feel quicker and more responsive - useful when transients matter.

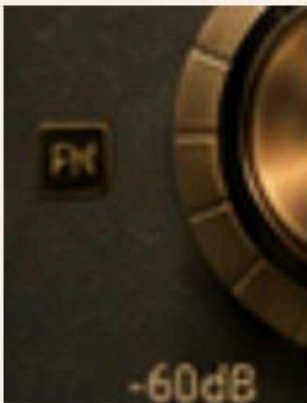
SMT**SMOOTH / TIME-AVERAGED**

SMT reads a time-averaged level. It responds more to the overall weight of the signal than each momentary peak, which often feels steadier on a mix bus.

IMPORTANT DISTINCTION

FST / SMT changes what level the compressor perceives.
ATTACK and RELEASE determine how quickly it acts on that reading.

3 SN - SHOW NUMBERS



SN is a display control. Turn it on when you want the exact numerical values shown for the knobs so you can see precisely what you are dialing.

It does not change the sound, detector, gain, or compressor behaviour - it only changes what is shown.

THE PANEL, UP CLOSE

THE PANEL, UP CLOSE

The core controls

Threshold, timing, gain, and colour — a permanent home for every decision.



SECTION	RANGE	DEFAULT	NOTES
Input gain	Trim	0.0 dB	Feeds the compressor harder or softer before threshold
Threshold	–60 to 0 dB	–15 dB	Lower settings increase gain reduction
Ratio	1:1 to 20:1	3.0:1	2:1 is gentle, 10:1+ approaches limiting
Attack	ms	21.1 ms	Fast catches transients, slower lets the hit through
Release	ms	43.4 ms	Short moves and pumps, long is steadier
Knee	0 upward	0	Higher values soften the onset of compression
Makeup	0 to +24 dB	0 dB	Restores level removed by compression
Mix	0–100%	100%	Lower values create parallel compression
Warmth	0–100%	0%	Tape-style saturation with progressive top-end softening

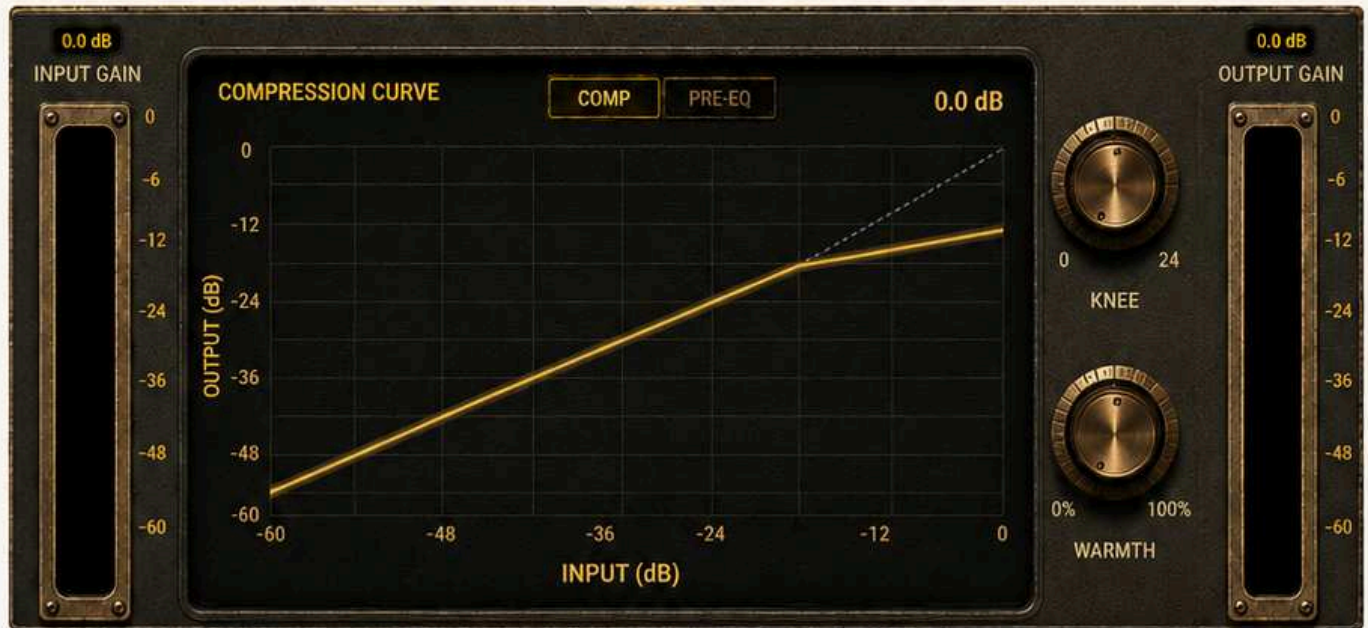


AUTO makeup is a starting point, not a loudness match.
Use your ears after level compensation.

THE DISPLAY

COMP, PRE-EQ, and starting points

VteKrush works best when you watch the curve, then listen to what the detector is hearing.



ACTION	RESULT
Switch to COMP	See the transfer curve and live compression behaviour
Switch to PRE-EQ	Adjust what the compressor listens to without changing the audio you hear
Engage HPF	Stops low-end energy from driving compression across the whole mix
Cycle LOW MID / HIGH MID	OFF → UP (+2 dB) → DOWN (-2 dB) → OFF
Toggle FST / SMT	Choose instantaneous or time-averaged detector response
Click the gain-reduction readout	Reset the held peak and measure the next passage cleanly

GETTING STARTED

Three starting points

- Mix bus glue** — Ratio 2:1, threshold for 2–3 dB gain reduction, slow attack, medium release, SMT, HPF on.
- Drum bus punch** — Ratio 4:1, slower attack, faster release, FST, HPF on.
- Parallel crush** — Ratio 10:1 or higher, low threshold, fast attack and release, then MIX back to 20–30%.

SPECIFICATIONS

Formats and install

FORMATS	Audio Unit, VST3 (macOS) · VST3 (Windows)
MACOS	10.13 or later · Universal (Intel + Apple Silicon)
WINDOWS	64-bit
TYPE	Stereo bus compressor
LATENCY	None

PLATFORM	PATH
macOS AU	~/Library/Audio/Plug-Ins/Components/VteKrush.component
macOS VST3	~/Library/Audio/Plug-Ins/VST3/VteKrush.vst3
Windows VST3	C:\Program Files\Common Files\VST3



Close your DAW before installing on either platform.

THANKS

First, all thanks to God. The one who was, is and is to come who has fearfully and wonderfully made us to do exceedingly more than we can ask or imagine through Christ.

Then, my lovely wife, “Pamper Baby”. You allowed me run with the knowing that, when we fly, we fly together. You made the journey of learning, unlearning, relearning, experimenting and implement so much easier but just being there with me + you helped me with design because you are awesome like that. I love you.

Big thanks to everyone who reviewed the plugins, also. More than anything, the feedbacks provided the needed perspective that would further expand the value of the plugins that became the plugin you loved and love, still.

Thanks to everyone who has supported me from the start of my professional career in 2007 till date. God bless y’all and keep y’all in good success.

...and so, the story continues