
FOR IMMEDIATE RELEASE

Carbon CL 610 1.0.0

The knee that does not move

NASHUA, New Hampshire, USA — August 14, 2026 — CarbonDSP today released **Carbon CL 610 1.0.0**, a compressor and peak limiter that share one threshold and one gain cell.

Most compressors ask for a threshold and then a ratio, and moving the ratio changes where processing starts — so the engineer re-sets the threshold, and by the time the level matches again the comparison has been lost. Carbon CL 610 has no threshold control. Its knee is fixed and the ratio pivots about it, so drive is set once and ratios can be auditioned freely: the amount of compression stays put and only the shape of the curve changes. Measured movement of the knee across the entire ratio range is 0.008 dB.

Two detectors run at once rather than in series. A slow, program-dependent path handles level, its release stretching when a passage has worked the plugin hard and shortening when it has not. A second path responds in under a microsecond, catching the leading edge of a transient rather than the middle of it, with selectable oversampling up to 32x to resolve peaks that fall between two samples.

KEY FEATURES

- **A knee that does not move** — turning the ratio does not change how hard the plugin is being hit, so drive is set once and ratios compared freely
 - **Two detectors, one threshold** — a slow musical path for level and a sub-microsecond path for transients, sharing one gain cell
 - **A release that listens** — program-dependent, 50 ms to 10 s
 - **Peak control in nanoseconds** — with oversampling selectable up to 32x
 - **Parallel compression built in** — a blend control with the output amplifier downstream of it
 - **32 level-matched presets** — calibrated by measurement rather than by ear
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PRICING AND AVAILABILITY

Carbon CL 610 1.0.0 is available now from **www.carbondsp.com** at an introductory price of \$49.00 (regular price \$89.00).

A demo version is available with no account required, and is fully functional for 7 days from first load.

SYSTEM REQUIREMENTS

Formats	VST3, Standalone application
System	Windows 10 or later, 64-bit (code signed)
Sample rates	44.1 kHz to 192 kHz
Latency	None at 1x; oversampling adds its own, reported to the host
Host	Any VST3-compatible DAW, or standalone

macOS and Audio Units are not available in this release.

LINKS

Product page	https://www.carbondsp.com/plugins/carbon-cl-610
All plugins	https://www.carbondsp.com/plugins
Press kit	https://www.carbondsp.com/press

PRESS ASSETS

Product images are available on request from **info@carbondsp.com**, and the current press kit is at **www.carbondsp.com/press**.

ABOUT CARBONDSP

CarbonDSP develops unique instruments and effects with the belief that anything is possible with a little imagination and a lot of real-world measurements. CarbonDSP is based in Nashua, New Hampshire.

More information: www.carbondsp.com

PRESS CONTACT

CarbonDSP
info@carbondsp.com
www.carbondsp.com

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