Compactor User Manual



Compactor is a versatile wide-band audio compressor.
The Simple UI is designed with a fast workflow in mind, whereas the Advanced UI gives you in-depth control over the compression.

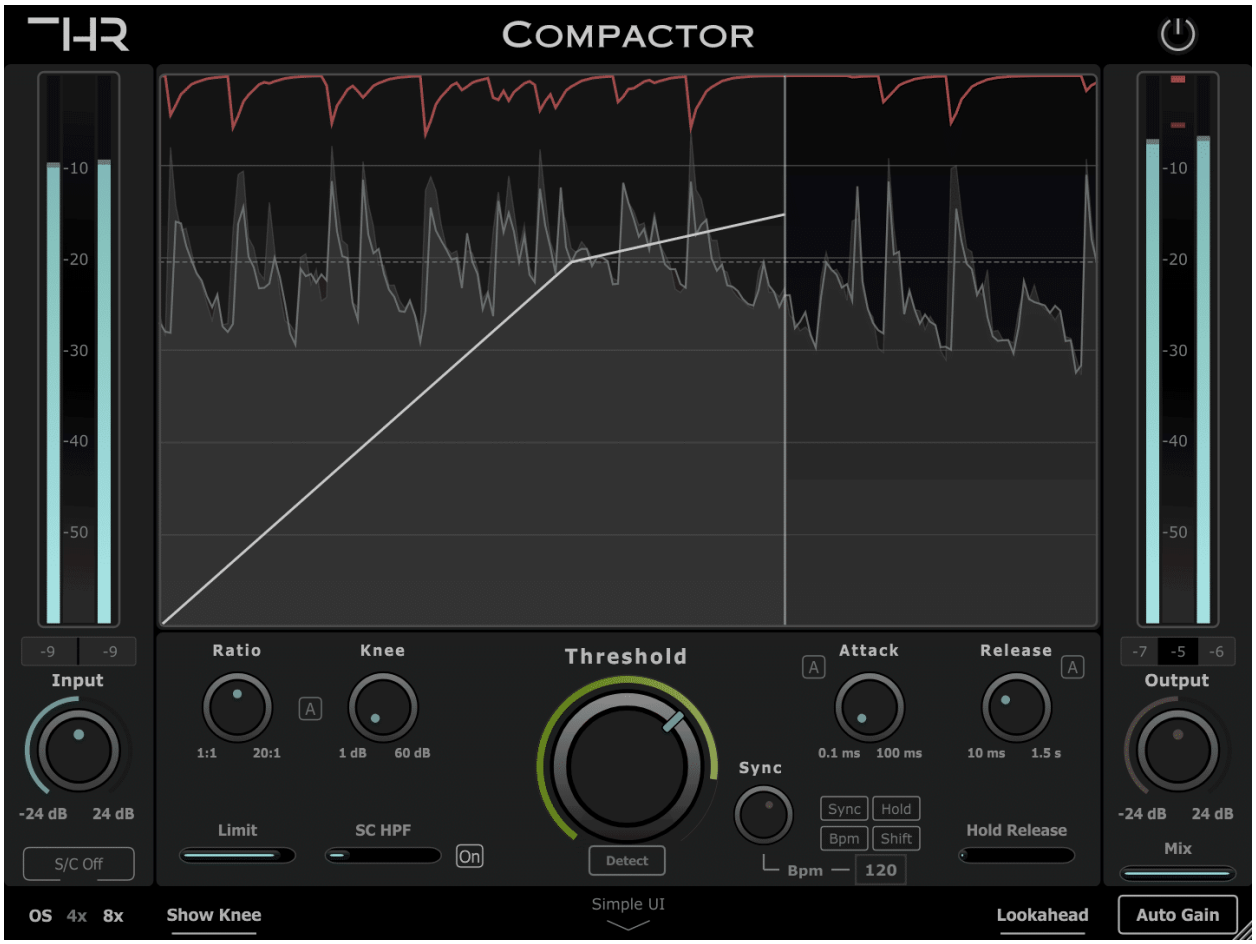
Simple UI



Designed for quick adjustments, ideal for beginners or fast workflows.

- **Threshold Adjustment**: Control the level at which compression begins.
- **Presets**: Select from various presets for common audio sources.
- **Auto Gain**: Automatically adjusts output gain to maintain consistent volume levels.
- **Oversampling**: Enhances audio quality by reducing aliasing with 4x and 8x options.
- **Output:** Manually set the output level to compensate for volume loss (With Auto Gain enabled, this slider gets disabled).

Advanced UI



The Advanced UI offers detailed control for fine-tuning the compression, such as:

Threshold, Ratio, Knee, Attack, Release: Standard compressor controls.

Auto Parameters: Enable auto threshold, attack, release, and knee via the “A” button next to each parameter, or the “Detect” button under the threshold.

Tempo-Sync Functionality: Allows Compactor to sync its release time to the project’s BPM or to the BPM you manually enter. Multiple tempo-sync options available, these are:

- **Sync Slider:** Use it to choose the time interval (¼, ⅛, etc.)
- **Sync:** Compactor synchronizes to the tracks’ BPM and sets the release time according to the time interval chosen.
- **Manual:** Manually enter the BPM of the track.
- **Hold**: Holds the compression for the set time interval and then releases for that same time interval (Useful for creating pumping effects).
- **Shift:** Switches the order of when the “Hold” functionality compresses vs releases.

Gain-Reduction Limit: Sets the maximum amount of compression in dB.

SC HPF: Sets the frequency for the internal High Pass Filter (Low Cut Filter) so that Compactor doesn't react as much to the lower frequencies.

Hold Release: Holds the release for the time set in ms.

Lookahead: Enabled the Lookahead functionality which protects the transients by looking 5ms into the future and gradually applying gain reduction to loud peaks.

Ext S/C: Enable this option to feed Compactor an outside signal that it can react to.