

Dotec-Audio DeeComp

User's Guide

About DeeComp

Thank you for purchasing Dotec-Audio DeeComp!

DeeComp is a stunning compressor VST plugin with various special features:

- Ultra quality sound from high speed algorithm with state-of-art technology
- Super-fast operation ensured by multi-core enabled processing engine
- Tuned up to meet with various musical scenes
- Side Chain feature, a must have for EDM producers/writers (*)
- WIDE parameter makes sound wider
- High pass filter to produce a tight low range sound
- WET parameter can easily determine the balance of dry/wet sounds
- Equipped with Limiter feature which prevents signal clipping
- Control panel enables you to have easy access/control to DeeComp features
- Fine tune function to holding down shift key

(*Side chain feature cannot be available in some DAWs.)

Installation on Windows OS

1. Those plug-ins are provided as a .dll file.
2. To install the plug-ins, simply copy it to your system's shared VST folder.
3. If you're not sure where that is, please consult your music software's documentation.
4. If your music software is already running, you'll probably need to quit and restart if before the plugin is recognised.
5. Some plug-ins come in 32-bit and 64-bit versions. If you're not sure which to use, please consult your music software's documentation.

Installation on MacOS

1. Those plug-ins are provided as a .vst (VST) and .component (AU) files.
2. To install the plug-ins, simply copy it to your system's shared VST or AU folder:
3. /Library/Audio/Plug-Ins/VST
4. /Library/Audio/Plug-Ins/Components
5. If your music software is already running, you'll probably need to quit and restart before the plugin is recognised.
6. Some plug-ins come in 32-bit and 64-bit versions. If you're not sure which to use, please consult your music software's documentation.

Panel Description



Enable/Disable Switch (Lightning Switch)
Enables/Disables DeeComp.

INPUT

Can adjust input gain from -20dB to +20dB.
Resets to 0dB when you double click on INPUT fader.

SIDECCHAIN Switch

Enables Side Chain feature.

HP Switch

Enables high-pass filter.

WIDE

Expand sound localization without losing core sounds in center (0~100%)

HP

Compress the input less than or equal to the specified frequency. (50 ~ 2000Hz)

KNEE New!

Determines the strength of compression at levels close to the threshold. Higher values result in gentler compression (soft knee).

Gain Reduction Meter

Displays maximum compressed volume in dB.
Resets when you double click on numeric display.

THRESHOLD

Can adjust threshold level from -40dB to 0dB.
Compression starts when input level exceeds threshold level.

RATIO

Can adjust compression ratio from 1:1 to 20:1.
The signals over threshold level is compressed with this ratio.

ATTACK

Can adjust attack time from 0ms to 100ms.
Compression starts gradually after this attack time.

RELEASE:

Can adjust release time to 0ms to 300ms.
Compression stops gradually after this release time.

OUTPUT

Can adjust output gain from -20dB to +20dB.
Resets to 0dB when you double click on OUTPUT fader.

WET

Controls the ratio of dry/wet sounds.
0% for dry only, and 100% for wet only

LIMIT Switch

Enables output limiter to avoid clipping.

6. How to set Side Chain

Insert DeeComp to the track you need Side Chain in your DAW.

1. Set the destination of the track for Side Chain input to DeeComp in your DAW.
Send that track using PRE fader.
2. Enable SIDECHAIN on DeeComp control panel.
Adjust THRESHOLD level as you need confirming with GR Meter.

Example

THRESHOLD -30dB or below
RATIO 20:1
ATTACK 15ms or below
RELEASE 80ms

Reference information: How to Create a Sidechain Effect in Cubase

<http://www.native-instruments.com/en/support/knowledge-base/show/903/how-to-create-a-sidechain-effect-in-cubase/>

7. Hints

DeeComp covers various production scenes, i.e. Drums tracks, Vocal tracks or Total Mix, etc.

Please start with the following hints, then add your special idea to complete your tune.

And also please enjoy our presets developed by our talented and skillful engineers.

- Set INPUT and OUTPUT to 0, Disable LIMIT, and WET to 100%.

- Ratio adjustment

Set the RATIO to 3 for instruments, to 6 for vocals, then adjust as you like around the base settings.

- ATTACK adjustment

Set the RATIO to 15 for instruments, to 0 for vocals, then adjust as you like around the base settings.

- RELEASE adjustment

Set the RATIO to 80 for instruments, to 200 for vocals, then adjust as you like around the base settings.

- TRESHOLD adjustment

Decrease the THRESHOLD value from zero confirming with the GR meter.

Adjust the maximum GR value to 3-6.

Increase INPUT value if you decrease the THRESHOLD value to -10 and Gain Reduction does not happen.

- OUTPUT adjustment

Increase the OUTPUT value as same as the maximum GR value.

- Other Fine Adjustments

You will get more compression by shorter ATTACK time.

You will get more loudness by shorter RELEASE time, since the sound volume difference of Min. and Max. will be reduced.

When you feel the compression is too strong, decrease the WET value and mix with the dry sound.

70% would be good for natural compression feelings.

- High-pass filter

Only specified low range sound is compressed, and produces tighter low range sound.

Push HP Button to Enable, and determine the frequency with HP slider.

Setting to 200Hz or around would be good for tighter kick sound.