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sonible releases A.I. powered compressor plug-in

Graz, 24.06.2019 – smart:comp is the latest addition to the product line of A.I. powered plug-ins by sonible. This unique spectro-dynamic compressor finds the parameters for well-balanced compression results in just a few seconds. Through frequency-selective processing, smart:comp also ensures unparalleled transparency. With this multidimensional approach, compression has evolved to the next level.

smart:comp is the synergy of intelligently enhanced time-domain compression and trailblazing spectral compression. Behind the user-friendly and intuitive interface of this new plug-in, runs the smart:engine – an A.I.-based, content-aware system designed on the basis of psychoacoustic principles as well as extensive hands-on mixing experience.

The time-domain compressor recommends the most appropriate settings for threshold, ratio, attack and release with a single click, as the spectral compression dynamically keeps an eye on the tonal balance of the input signal.

The interrelated nature of compression parameters can make the crucial task of compression time-consuming and tedious. smart:comp significantly speeds up this process and delivers results with greater precision than ever, making it a valuable assistant for mixing and mastering professionals and aspiring talents alike.

Getting the best out of a track: content-aware parametrization and tonal balance

When activating the learning mode of smart:comp, the plug-in analyzes the incoming audio signal and sets specific parameters that result in well-balanced compression – all with the familiar look and handling of a single band compressor.

The spectral compression is all about giving a track the best possible definition and maximum transparency. By continuously analyzing the input signal across more than 2000 bands, smart:comp acts like an intelligent, ultra-high-resolution multiband compressor that dynamically smoothes out tonal imbalances. It only applies compression where it is really needed and therefore ensures a consistent tonal and dynamic balance at all times.

Creating space: frequency-dependent sidechain ducking

To seamlessly merge signals that compete for attention within the same spectral regions, smart:comp 'listens' for potential spectral clashes between the input and the sidechain signals, when operating in sidechain mode. By dynamically ducking affected frequency regions of the input signal, it creates space for the sidechain signal.

Users' choice – easy to use and fast

smart:comp comes with a lean and intuitive user interface that allows for easy handling of this high-tech tool. Although the plug-in greatly assists in creating a fast workflow when the smart:engine is activated, users retain their control over the final outcome and are able to access and adjust all essential parameters.

Similar to sonible's smart:EQ 2, the new compressor plug-in smart:comp comes equipped with profiles for different audio sources. These profiles allow smart:comp to optimally adapt its internal processing to the characteristics of the respective input signal.

” *As compression is probably the most critical task in the mixing process, the development of smart:comp has been a fascinating challenge. Together with our engineering team, we wanted to take the next step in the evolution of audio compression – and now we can proudly say: We have taken it!*” Alexander Wankhammer, co-founder sonible GmbH

smart:comp – key features

- Automatic compression parametrization in seconds
- Spectral compression for tonal and dynamic balance
- Attack and release shaper for more creative flexibility
- Frequency-dependent ducking in sidechain mode
- Smart auto gain for consistent loudness perception
- Factory profiles for content-aware processing
- Efficient and CPU-friendly graphic processing

PR Contact

Daniela Hütter, sonible GmbH
Mail: press@sonible.com

Tel.: +43 316 91 22 88
www.sonible.com

About sonible

After years of working in the recording arts and live sound engineering the founders of sonible turned their practical insights into reliable and efficient tools for anyone who is involved in the process of generating or reproducing audio content. sonible's goal is to enable human expression and interaction through sound. Instead of them struggling with technological means, the company wants to help people convey their ideas and sonic visions by building bridges between theoretical science and sonic creation.