

smart:EQ 4 press release is embargoed until December 20, 2023 11:00 a.m. (CEST)

smart:EQ 4 – a Major Update for sonible’s Intelligent Equalizer (VST/AU/AAX)

Graz, December 20, 2023 | Another leap forward in AI-powered spectral mixing, smart:EQ 4 reaches new territory with its multitrack unmasking; providing an EQ that lets the user mix both bottom-up and top-down.

The intelligent equalizer smart:EQ, the powerhouse in sonible’s suite of AI-assistive tools, has become a staple for audio producers the world over. Its unique smart:filter spectrally balances tracks in seconds and makes spectral mixing a simple matter of dragging and dropping alongside other tracks in a group. With smart:EQ 4, sonible has heightened the equalizer’s versatility as well as added new control features.

smart:EQ 4 New Features

- smart:filter technology offers **spectral balance on single tracks/busses/entire mixes** and intelligent cross-channel processing between instances
- Spectral mixing via drag & drop – **Group view for creating an unmasking hierarchy of up to ten tracks**
- **‘Remote control’ of EQ for multiple tracks** in any instance within the same Group
- Wide range of **profiles for instruments, speech and entire mixes by genre**
- Create **custom profiles from reference tracks**
- **Dynamic controls for regular filters** with Threshold, Ratio, Attack and Release controls
- **Selectable processing mode for the smart:filter** (Track, Group, Track & Group)
- **Auto Gain**, Comprehensive M/S processing, smart states,...
- **Custom learning time** for smart:filter computation

smart:EQ offers hierarchical control over multitrack unmasking processes, and for version 4, any instance within the same group can be controlled from any other instance. The plugin’s AI-powered Profiles have also been enhanced and expanded: choose one of the new genre-based Mix Profiles or import a reference track, and smart:EQ will now be able to use these as targets for your track’s character.

The core smart:filter within each EQ instance has now been boosted with a Smoothing parameter for gentler filtering. Standard EQ bands can now perform as a Dynamic EQ with familiar compressor-style controls. An Auto Gain function to compensate for level adjustments has also been added.

” *Unlike usual EQs that leave the context of a mix out of any processing, smart:EQ 4 pushes even more towards a holistic approach. We have created an equalizer that allows us to work top-down with the bigger picture in mind and sports features that have been inspired by feedback and user workflows.*”
Peter Sciri, sonible co-founder and CTO

Top-down or Bottom-up Mixing

The traditional way to mix a project, starting with individual elements and building a mix piece-by-piece, is the bottom-up method for mixing music. This tried-and-tested approach is still possible in smart:EQ 4, with simple control over the character of each channel of a mix thanks to the plugin's spectral shaping, but another tactic is possible as well.

In Group mode, you can define the mix from the top down, creating an unmasking hierarchy between up to 10 instances of smart:EQ. This set priorities for each smart:filter, bringing some elements to the forefront of the sonic stage, leaving some in the middle, and pushing some into the background.

smart:EQ 4's smart:filter can be used in three modes: 'Track' balances the channel; 'Group' doesn't affect the channel but reduces masking between it and other group members; 'Track and Group' applies balancing to the channel and makes it subject to unmasking.

AI-powered smart:filter Take on New Profiles

The smart:filter is the centerpiece of smart:EQ, balancing the signal based on a target Profile such as drums, bass, vocals or the default Universal Profile. smart:EQ 4 has new Mix Profiles trained on entire mixes from specific genres. A new Reference Profile feature allows you to load an entire finished track or individual instrument and have smart:EQ 4 emulate its character and balance on your channel or buss.

'Remote Control' for Spectral Mixing

In version 4 you don't just see how other smart:EQ instances within the same group are reacting – you can view their behavior and change their parameters from any single instance within the same group. In 'Group View', two entire EQ curves can be selected before being edited on-screen, and all instances can have profiles selected and analyzed.

In-depth control in Track View

In 'Track View', the current instance takes priority, but the group properties and placements are still accessible and can be changed. In addition to the smart:filter, smart:EQ's regular EQ bands now sport dynamic behavior, with Threshold, Ratio, Attack, Release and Range controls. These regular EQ bands can be used alongside or instead of the main smart:filter bands for any instance of smart:EQ 4.

smart:EQ 4 is now available at an introductory price of € 89,- (reg. € 129,-) until January 20, 2024. Personalized upgrade pricing is available for existing sonible customers.

<https://www.sonible.com/smarteq4>



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About sonible

From mixing engineers, FOH engineers, and music producers to AI experts, software developers, DJs and musicians – the sonible team is an eclectic mix of highly skilled engineers and creative individuals. We put all of our vast audio experience and user-oriented focus into developing AI-assisted audio plug-ins, designing and implementing 3D audio systems and building audio hardware – sound in all its complexity is our passion.

We transform technological possibilities into audio production tools that are characterized by their incredible sound, intuitive interfaces and workflow-enhancing features – in short, tools that inspire creativity.