



SW Version 23-12

Date 2023-03-23

## 23-12 Spring Update Improvements



This update addresses recently introduced features and provides bug fixes, refinements and further enhancements.

### User Interface Enhancements

#### New: Preset Info - Properties

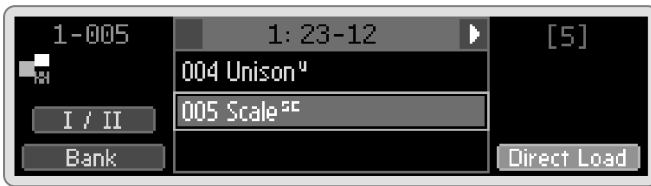
1-002	Indicators	Info
Name	Indicators	
Properties	#Single #Mono #Unison #Scale	
Comment	- - -	

Preset metadata now includes a “Properties” field which provides automatically generated hashtags, depending on specific parameters of the preset. Similar to custom hashtags (*usable in the Comment section*), searching for presets by using hashtags can be much more convenient.

Depending on the preset's **Sound Type**, a #Single/#Split/#Layer hashtag is provided. A #Poly/#Mono hashtag is provided, depending on the “Mono Enable” parameter.

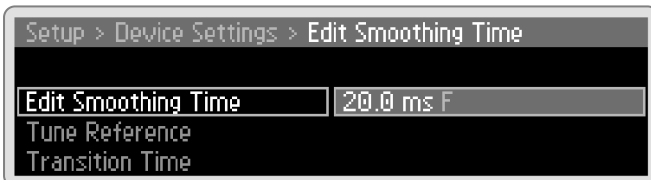
A #Unison/#1-voice hashtag is provided, depending on the “Unison Voices” parameter. A #Scale/#12-TET (*12-Tone-Equal-Temperament*) hashtag is provided, depending on whether “Offset” parameters are used in the Scale group.

## New: Preset Scale Indicator



According to the #Scale hashtag, an <sup>sc</sup> indicator is shown next to the preset (similar to <sup>u</sup> - #Unison and <sup>m</sup> - #Mono).

## Setup Menu - Fine Mode support [ Panel Unit ]



Numeric settings (*Edit Smoothing Time, Tune Reference, Transition Time, Encoder Acceleration, Ribbon Relative Factor*) can now also be fine-tuned by using the **Fine Button**.

## Setup Menu - Single Setting default

The **Default Button** is now usable for most settings in the **Setup Menu**. In the **Graphical UI**, settings represented as sliders can be set to default by double-clicking.

## Bugfixes and Improvements

- Signal Flow Indication - Feedback  
When any parameter of “Envelope C” is currently selected, the “FB Mix” Parameter *LED* of a particular Shaper will only blink if the corresponding “FB - Gate - Env C” parameter is greater than zero (*as otherwise, there is no influence of the Envelope on the Shaper mix*).
- Preset Store - Overwrite  
When the currently selected Bank is empty, overwriting a Preset will now store the Preset within the Bank, instead of creating a new Bank.
- Ribbon Touch Behavior  
When a Ribbon is selected in the **Parameter Screen**, **Soft Button 4** will now show Touch instead of Mode.
- Single Sounds - Copy FX [ Graphical UI ]  
In the **Sound Tab**, options for copying the FX chain into the other are now available as well.

- **Parameter Tab - defaultable Modulation Aspects** [ Graphical UI ]  
When a Modulation Aspect (Amount, Upper/Lower Limit) of a modulateable parameter is in focus, a double click will now set the modulation amount to its default value (*instead of defaulting the control position*).
- **FX Parameter Groups** [ Panel Unit ]  
Similar to the **Graphical UI**, the group labels now have an indicator corresponding to the selected Part.
- **Numerical Settings - Precision and Ranges**  
The **Tune Reference**, the **Edit Smoothing Time** and the **Transition Time** now show their values with consistent precision between both UIs. Both times can now be set to 0.0 ms.
- **Bidirectional Ribbons - MIDI issues**  
When a non-returning **Ribbon** is bidirectionally associated to a **Macro Control**, MIDI will now only be sent if the Ribbon was changed directly (*by using the Touchstrip or changing the corresponding slider*). If the Macro was changed directly or by a **Pedal**, the slider of the Ribbon will change as well, but no MIDI will be sent.  
With Local enabled and using MIDI Loopback (*having the C15 connected to a DAW for example, receiving and sending MIDI at the same time*), using Ribbons will now cause less traffic and no more glitchy behavior (*see below*).

**!** MIDI Loopback is only recommended when having Local disabled for Notes and **Hardware Sources**. When having Local enabled, MIDI Loopback will lead to a Note being played twice (*internally and in addition from MIDI In*).

## Further Improvements

- after booting, LEDs of a **Ribbon Touchstrip** will correspond to the associated **Macro Control**, if the linking is bidirectional
- in the **Sound Screen/Tab**, the indication of feedback signal flow by displaying arrows is now more consistent
- the **Preset Search** window in the **Graphical UI** will refresh after restoring a backup
- in a **Dual Sound**, unused **Parts** (having no influence on the sound) will be indicated as a cross in the sound symbol, similar to muted **Parts** or unused **FX** in **Single Sounds**
- when updating the C15 via the **USB Stick**, the update will now be installed once (*instead of starting the update again after successful installation*).
- when a returning **Hardware Source** was changed on the **Panel Unit**, the control will automatically and now more consistently reset to zero when losing focus (for example storing a **Preset** or invoking the **Setup Menu** will reset the source)
- in the **Parameter Tab**, the **Fine Indicator** is now better integrated with the **Shift Key**