

# What's New in C15 Software Version 1808

UI Software Version: 2018-12-18

RT Software Version: 7

## Comment on the version numbers:

We had planned the update for August, latest September 2018, therefore we called it **1808** (= YYYY), but the implementation and the debugging took more time. In November the installer was created. It was called **1811a**. In the end the whole package was finished on December, 20. For the biggest part, the UI software, the latest compile date was December, 18.

This is why you read **2018-12-18** from the user interface of the C15.

Sorry for the confusing information! We will keep it more consistent in future.

## General:

- Numerous bugfixes and performance improvements
- Many design and usability improvements

## Device Settings:

The "Bender Curve" setting is now supported. It can be set to "Soft", "Normal" or "Hard". The former behaviour can be reproduced by choosing "Soft". The positions "Normal" and "Hard" reduce the sensitivity around the center of the range.

## Graphical UI:

- Improved On-Screen Help  
(You can open it by [Ctrl + H] or by "Open Help" in the View menu. It is shown in a new browser tab.)
- Multiple Selection:
  - The selected group can grow by selecting additional groups with the mouse frame.
- When deleting all presets of a bank: option to delete the bank, too.
- Docking of Banks:
  - A bank can be inserted between two banks of a cluster
  - A cluster can be attached to another cluster
- Parameter Group Locking:
  - Lock symbol shown in the Parameter Group Header, the Preset Tab and the Sound Tab
  - Two different lock symbols for the Hardware Sources ("S") and Amounts ("A")
- "Sort Bank Numbers" - Automatic re-numeration of the banks (first the clusters of banks, then the single banks, from upper left to lower right)
- Double-Click on the bank header for Minimize/Full Size
- The mousewheel can be used in the parameter tab to change the value.
- Scale: A "!" symbol is shown in the group header when a key is detuned, and "Reset" becomes available in the context menu.

- Indicators for the clipping of the MC modulation range. A clipping can appear if the MC Amount is increased or if the parameter position is changed and the resulting modulation range exceeds one of the limits of the parameter value range. In this case a "!" is shown at one of the ends of the parameter slider and at the value of the Lower Limit or the Upper Limit.

### **Panel Unit:**

- Lock symbol shown in the Parameter Screen, Preset Screen and Sound Screen

- "Parameter Changed" indicator:

- An asterisk behind the parameter label in the Panel Unit display is shown when the parameter value is different from the value in the currently loaded preset.

- By pressing the Shift button you can compare the current value with the original value in the preset. You can recall the other value by pressing the "Recall" softbutton.

- Pressing the Shift button while the Preset Screen is open provides the Change Overview: the LEDs of all changed parameters are blinking.

(Changes of the MC Selection or the MC Amount are not indicated. They will be supported in a later software version.)

- "Undo" indicator in the display: A small arrow in the upper left area shows if the current state is the result of an Undo step (and Redo is available).

- Indicators for the clipping of the MC modulation range. A clipping can appear if the MC Amount is increased or if the parameter position is changed and the resulting modulation range exceeds one of the limits of the parameter value range. In this case a "!" is shown at the value of the Lower Limit or the Upper Limit.

- Scale: "Reset" is only shown when a key is detuned. In addition, the bar below the "Scale ..." selection entry is highlighted, when a key is detuned.

## =====**Earlier Versions**=====

### **Changes in Version 1803**

UI Software Version: 2018-04-19

#### **Hardware UI**

- Assigning MC targets by button actions improved
- "Shift" + "Fine": Fine Mode stays active until it is deactivated by the "Fine" button.
- Bank Import/Export:
  - improved and extended UI
  - "Info" provides file and path information
- Save/Restore Backup:
  - improved and extended UI
  - "Info" provides file and path information

#### **Both UIs**

- Bug fixes and performance optimizations
- Parameter Group Lock (against Init, Randomize and Preset Load):
  - Hardware UI:
    - New "Edit" menu for each parameter, mainly for Lock functions
    - "L" behind group label, if the group is locked
    - global indicator "L" in the Preset screen, if one of the groups is locked
  - Graphical UI:
    - new context menu per group header
    - "L" in the group header, if the group is locked
    - global indicator "L" in the Preset toolbar, if one of the groups is locked

*Example (transferring group settings from preset A to preset B and C):*

- load preset A (the group preset)
- activate Lock for the group(s) to be transferred
- load preset B (locked groups will stay like in preset A)
- save preset B
- load preset C (locked groups will stay like in preset A)
- save preset C

- Preset Info revised
- Bank Info revised and extended:
  - Position, Name
  - Comment
  - Size
  - State ("Unchanged since Import", "Not Saved by Export", "Saved by Export")
  - Last Change
  - Import Date
  - Import File

- Export Date
- Export File

## Graphical UI

- New: Color Tags for presets
- Multiple Selection improved
  - Context menu entries "Start/Finish Multiple Selection"
  - Shift + Mouse Frame
  - Shift + Click/Touch on the first preset to be selected
- New: Compare for presets
  - Multiple selection of two presets, "Compare" in the context menu
  - Preset context menu: "Compare to Editbuffer"
- Docking of banks improved
  - more options for docking
  - showing the possible docking positions when moving a bank
  - highlighting when docking is effective
- Grid for bank positions revised
- Improved design for Preset and Bank Infos
- Preset Info supports Color Tags
- Editing the bank number in the Bank Info will resort the banks
- Preset Search redesigned
- New function for "Search in Name / Comment / Device Name"
- Improved handling of the Info, Search, Setup and Undo History windows
- Preset toolbar redesigned
- Store dialog replaced by new control elements in the Preset toolbar
  - the Append/Overwrite/Insert menu
  - the Store Select button - enable the selection mode for Overwrite and Insert
  - the Execute button - disables the selection mode
- Fix for missing selection of preset when the context menu was opened
- Pressing the Space bar allows to pan by mouse dragging even on parameters, presets or banks.
- More shortcuts - Please see the separate "GUI Shortcuts" pdf document!
- Main menu redesigned
  - checks instead of "Show/Hide"
  - hints to shortcuts
- Improved general look & feel
- Extended HTML Help (will open in separate browser tab)

## Changes in Version 1711

UI Software Version: 2017-12-30

### Hardware UI

- Import/Export for bank files from/to USB memory stick (Bank Edit menu, when a memory stick is plugged)
- Export/Restore all banks as a back-up file to/from USB memory stick (Setup - Backup)
- "Active Overview" when the preset screen is open (LEDs indicate the active signal paths and parameters)
- "Signal Flow Indication" showing the signal paths for the selected functional group by flashing LEDs. It can be disabled in the Hardware UI section of the Setup.
- The "Blocking UI" indication on the lower ribbon is now an option in the Developer Settings (Graphical UI)
- MC targets can be added and removed by holding the MC button and pressing the button of the target parameter. (Incomplete implementation - doesn't work on buttons which represent a single parameter.)
- Bank Edit:
  - Move Left/Right
  - Import/Export (to/from USB Stick) (only available when a USB memory stick is plugged in)
  - Copy
  - Paste (only available when there is a bank in the clipboard)
- Preset Edit:
  - Cut
  - Copy
  - Paste (only available when there is a preset in the clipboard)
- Bank Info (Preset screen - Bank button - Info button)

### Graphical UI

- Shorter IP address ("192.168.8.2" - now without ":8080")
- Export/Restore (download/upload) all banks as/from a back-up file (background context menu).
- Grid for the positions of banks
- Banks can be docked to the right or bottom of other banks (aligned layout, can be moved as a cluster)
- Move all Banks (background context menu, click outside of the frame to disable this mode)
- A bank can now be selected by a touch or a mouse-click on its header
- Bank Info ("Show Info" in the bank context menus, or "Show Bank Info" in the main menu)
- New entries in the main menu:
  - Show/Hide Presets (shortcut: H)
  - Show/Hide Parameter Editor (shortcut: E)
- Bank and preset menus have been revised

- Preset dragging has been improved
- Selection of multiple presets (can be used for drag + drop and Delete)
- New entries in the preset context menu
- Preset toolbar: new symbol ("DL") for "Direct Load"
- Revised tree graphic in the Undo History window
- Mouse wheel can be used for vertical scrolling of the Undo History
- More content in the browser-based Help ("Open Help" will open it in a new tab)

### **General**

- Realtime Clock
- Time stamps for presets and banks
- Watchdog-driven restart of the UI software after a crash
- Setup: Display Test and Kiosk Mode have been removed (now in the Developer Options of the GUI)
- Numerous bug fixes and performance improvements