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Welcome to ReBirth RB-338 2.0.1!

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Sound Buffer note

This describes an important setting for the sound in your computer.

New features in version 2.0

This section describes the major new features added in the update from version 1.5 to version 2.0.

New features in 2.0.1

This describes the new features, changes and bug fixes in the update from 2.0 to 2.0.1.

Sound Buffer note

It is very important that you follow the instructions for selecting an audio card and adjusting the buffer size setting in the Preferences dialog! How to do this is described in the Windows Help and in the Operation Manual that is installed together with the program.

If the buffer adjustment is not done properly, the sound might be distorted or ReBirth might be unnecessarily slow in reacting to changes you make on the front panel.

New features in version 2.0

A number of features have been added in version 2.0. Below follow brief descriptions, details can be found in the complete Operation Manual included in Acrobat format (ReBirth manual.pdf). To look up a specific new feature, use the Table of Contents, Index or Search facilities in Acrobat Reader.

To be able to read the documentation you must have Acrobat Reader 3.0 or later installed on your computer. An installer for this is included on the CD-ROM!

909

There's a new rhythm section, based on the Roland TR-909. This provides completely different sounds, compared to the 808 section, as well as additional features such as flams.

Mods

You can now switch to new drum sounds (in both rhythm sections) and front panel graphics, by applying a Mod file. Four Mod files; Pitch Black Edition, Orbit, Massen Silver Machine and Metallicon+ are included with the program. More can be downloaded from the Internet. You can even make your own Mods using the included ModPacker utility!

ReWire

This new feature provides extremely tight integration with Steinberg Cubase VST. The audio from ReBirth can now be "streamed" directly into Cubase VST's audio mixer, in real time. ReWire provides up to eighteen audio channels at full bandwidth, as well as automatic sync and routing facilities.

New Distortion

Internally there is now not one, but four distortion units. This means you can apply distortion to any and all sections. All four distortion units share the same front panel settings.

In addition, the distortion unit itself has been completely redesigned and now features one more parameter, Shape. To get the dist sound from older versions, use low Shape settings.

Compressor

This is a new insert effect.

Shuffle

You can't have a 909 without Shuffle, right? But we went one step further and added Shuffle to all sections!

New Song Sequencer

The Song Sequencer has been completely redesigned. The biggest change is that you can now turn knobs even in Song mode. But please note that this redesign has a number of implications on how Songs are recorded and edited. We recommend that you re-read the Song chapter, even if you are a seasoned ReBirth user.

New PCF Patterns

A number of new PCF Patterns have been added to the end of the list.

Resizable window with Scroll Bar

The Song window can now be resized. In addition, if you make it smaller, a scroll bar allows you to scroll between the sections.

Changes to Help/Contacts menu

The Contacts menu now has a number of new items.

New Preferences

A few changes have been made to the Preferences dialog:

- * Sync Adjust has been renamed to Latency Adjust.
- * A new Preference called "Play Mod Startup Sound" has been added.

New Key commands

A number of new Key commands have been added, to accommodate the new features.

New MIDI Mapping

The Standard mapping feature, that maps MIDI notes and controllers to ReBirth functions has been changed, to accommodate the new features.

New features in 2.0.1

The following items have been fixed/improved in version 2.0.1 of ReBirth:

1. ReWire is now included in the Windows version.
2. ReWire now manages loop range and loop on/off settings, so that loop settings are always in sync between ReBirth and Cubase VST.
3. When using ReWire, you can now change the Tempo from either application.
4. 303 emulation switch. In version 2.0, improvements were made to the 303 emulation model. This involved changes to the amplitude envelope release. Since it has turned out that many users miss the 1.0/1.5 style amplitude envelope, a switch has been added to the Edit menu. This switch allows the user to select between exactly the same 303 sound that was in version 1.5 ("Vintage") and the 2.0 style sound. This switch is saved on a per song basis which means that Songs created with version 1.5 will automatically be opened with the switch in "Vintage" mode. New Songs have this switch set to the 2.0 mode. However, the user can flip the switch at any time to select between the two types of sound.
5. There is now a "Run Benchmark" item on the File menu that allows you to test whether your computer is fast enough to run ReBirth.
6. Holding down [Shift] when turning a control, now makes the control move in smaller steps (fine tune).
7. Deleting notes in real time from the keyboard is now done by holding down [Shift] and [Tab].

8. There is now MIDI Remote Control of Shuffle.
9. There is now a keyboard shortcut for "Copy touched controls to loop".
10. On some Windows systems, the Upgrade version of ReBirth 2.0 incorrectly asked for the 1.0/1.5 CD on a regular basis - not just once after installation or system reconfiguration. This has been fixed. Some other irregularities regarding the copy protection have also been ironed out.
11. Some systems reported a missing "msvcrt.dll" on startup. This file is now included in the installation.
12. Under certain conditions, a punch out operation in Song mode could accidentally change existing events after the punch out point. This has been fixed.
13. Under certain circumstances, invoking the Copy Touch Controls function could lead to changes in recorded song events or to a program crash. This has been fixed.
14. In version 2.0, changes were made to the pitch of the 808 Tom sounds, to make the pitch range more similar to the real 808. However, this caused songs created in version 1.5 to play back with incorrect pitches. This has been fixed so that the songs always play back correctly, regardless of which version that was used to create the Song.
15. A Copy and Paste problem in Song mode has been fixed.
16. Some problems with the MIDI Remote Control have been fixed.
17. Some Pattern mode parameters were not saved with the Song file. This has been fixed.
18. Patterns with lengths other than 16 steps now play back as in version 1.5.
19. Shuffle now works on odd Pattern lengths.
20. In version 2.0, 909 Crash and Ride levels were saved as one parameter only. This has been fixed.
21. Songs created in version 1.5 or earlier now play back with the correct distortion settings.
22. Mixer level changes are now smoother.
23. Some figures regarding MIDI Remote Control were wrong in the 2.0 documentation. A new, corrected, Acrobat document is included with ReBirth 2.0.1.

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