B67 ZEN EditorLib Quick Start

Editor librarian for groovebox Roland MC-101 e MC-707

(updated versions of this document together with videos, sound banks and user guides are available at the following link) [Link])

Operating requirements and MIDI Setting

- Install the latest available firmware (V.1.82) on the Groovebox
- Install on your computer the USB MIDI drivers for the Computer-Groovebox dialog
- Turn on and connect the groovebox to the computer via USB before starting the software (the connection via the 5 pin Din MIDI connectors is not fast enough for using the editor)
-

Links

MC-707   https://www.roland.com/global/support/by_product/mc-707/updates_drivers/
MC-101   https://www.roland.com/global/support/by_product/mc-101/updates_drivers/

Regarding the FIRST execution of the software in the MAC version, follow the instructions in the "INSTALLATION" chapter of full manual: while starting the first run after accepting the "license agreement", the program initializes libraries, stores images and prepares graphics.
It is important NOT TO USE THE SOFTWARE for the first 10-15 seconds until the main screen is completely "built": in particular during this operation it is important not to resize the window and/or put it in full screen.
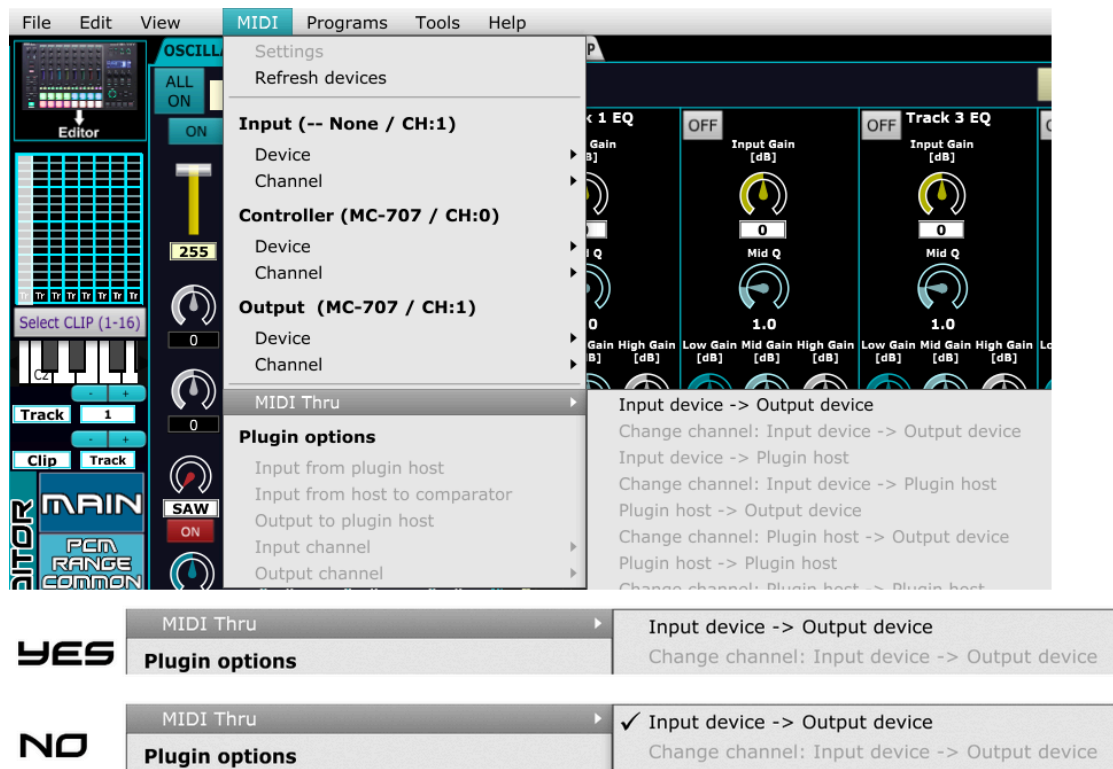
For the correct dialogue between the GrooveBox and the editor, you need to set from the MIDI menu:
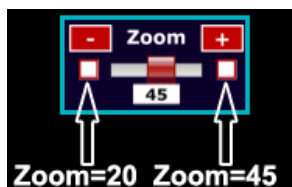**Input**: no device
Controller: MC-707 (MC-101)
Output: MC-707 (MC-101)
MIDI Thru: Input Device->Output Device **Deselected**

The software is made with resizable vector graphics: to enlarge, you can enter the size in numerical format, using the + and - buttons, with the fader or by clicking on the two presets (20 and 45).

1) Loading and Editing of the 24 presets

The first operation to do is to find in the groovebox **a track that is set in TONE mode**: tracks with **Drums, Drum + Comp and Looper modes are not supported.**

In the full manual section "**ZEN-Core editing and MACRO**" where you are referred for further information, the two possible cases are analyzed where each of the **4/8 tracks** (MC-101/MC-707) operating in Tone mode, can be set with **Sound Source=TRACK** or **Sound Source=Clip** mode

Select inside the software (see below) **the groovebox track/clip where the ZEN-Core tone will be transferred**.

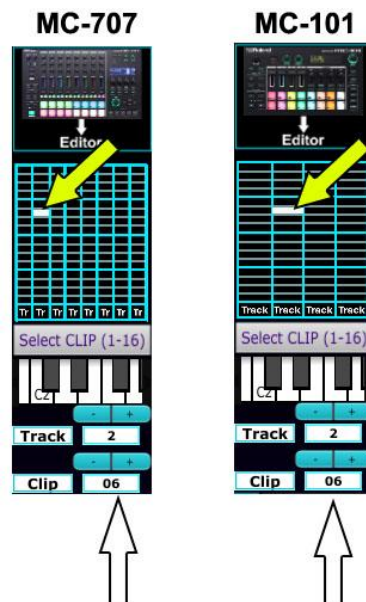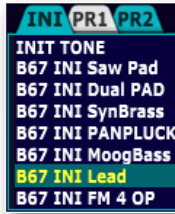|	
● Select the Track/Clip using the "Track and Clip" controls or Click on the corresponding section of the matrix.	Example: Track 2 set on groovebox with **Sound Source=TRACK** **Selecting Track n.2** Example: Track 2 set on groovebox with **Sound Source=CLIP** **Selecting Track 2 - Clip 6**
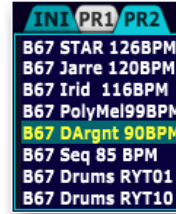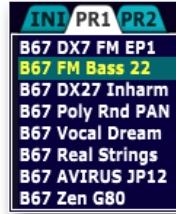
- Double click on presets to play or edit:
  the ZEN-Core preset will be transferred from the editor to the selected Track/Clip of the groovebox
- The editing of ZEN-Core synthesis parameters can be done using the 6 sections reachable by clicking on

  the corresponding icons

- Editing can also be done in parallel via the Groovebox interface and controls: after any changes made directly on the groovebox, to update the editor parameters click on the icon at the top left Groovebox→ Editor

- After editing, the tone can be saved to a file in SysEx format (click on Tab File/**Save Tone to File**)

 or inside the library (click on LIBRARIAN, see chapter 3 below)

2) Editing a ZEN-Core tone of Groovebox

- The first operation to do is to choose, inside the groovebox, the location of the ZEN-Core Tone that you want to load and modify: **Select the Track/Clip** using the "Track" and "Clip" controls or click on the corresponding section of the matrix.
  Example: requesting the tone of Track 2 when this track is set on the groovebox with **Sound**

  Source=TRACK)

- click on the icon at the top left Groovebox→ Editor to load the ZEN-Core Tone parameters.
- The editing of ZEN-Core synthesis parameters can be done using the 6 sections reachable by clicking on

  the corresponding icons

- Editing can also be done in parallel via the Groovebox interface and controls: after any changes made directly on the groovebox, to update the editor parameters click on the icon at the top left Groovebox→ Editor

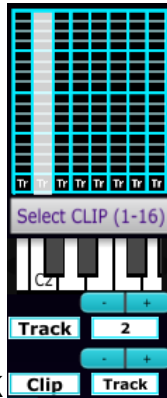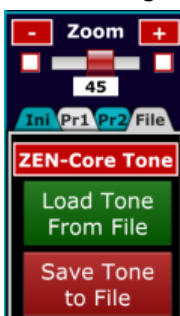- After editing, the tone can be saved to a file in SysEx format (click on Tab File/**Save Tone to File**)

 or inside the library (click on , see chapter 3 below)

3) Save the tone in the library

- After loading and possibly modifying the ZEN-Core tone on Part1, to store it in the library, click on **LIBRARIAN**

- Single Click on the location of the library where to store the sound (in the example location No.2 of LIB1 and

Bank A)

- Click on "**Write Actual Tone To Selected Tone/Bank**"
Note: it is also possible to select the location on which to store the sound using the N. Tone to Overwrite control.

- At the end of the session, in order not to lose the data, it is necessary to store the library on file: according to needs, this can be done using the red icons **Save Lib1-8 to File** (entire database of 16384 tones), **Save Lib to File** (2048 tones of the selected Lib 1-8) or **Save Bank to file** (128 tones of the selected A-P bank)

- After loading and possibly modifying the ZEN-Core tone on the desired Track/Clip, to store it in the library, click on **LIBRARIAN**

- Library selection (click on Tab Lib 1, Lib 2,..Lib 8), bank selection (click on -A-, -B-, …-P-), single Click on the library location where to store the sound (in the example location N.2 of LIB1 and Bank A

)

- Click on "**Write Actual Tone To Selected Tone/Bank**"
Note: You can also select the location where to store the sound using the control **N. Tone to Overwrite**

- At the end of the session, in order not to lose the data, it is necessary to store the library on file: according to needs, this can be done using the red icons **Save Lib1-8 to File** (entire database of 16384 tones), **Save Lib to File** (2048 tones of the selected Lib 1-8) or **Save Bank to file** (128 tones of the selected A-P bank)

4) Load of optional libraries B67_Collection_X

- Click on **LIBRARIAN**
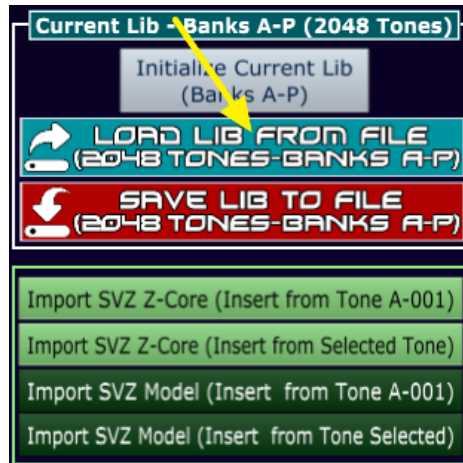
- Click on "**Load Lib from File**" , select and open the file **FileName.B67**

5) Listening and editing library sounds

- Click su **LIBRARIAN**
- Choosing the groovebox section where transfer the sound: **Select the Track/Clip** using the "Track" and "Clip" controls or click on the corresponding section of the matrix. Example: requesting the tone of Track 2
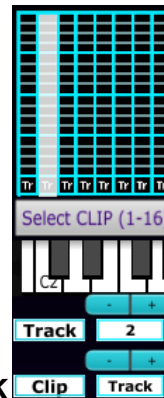
  when this track is set on the groovebox with **Sound Source=TRACK** **Clip** **Track**)
- Select the Tone No. (1-128) with single click, or alternatively with the "Tone Number" control or the Up-Down arrow keys :

- Sending the sound to the synth either by double clicking on the tone, or by clicking on the "**Send Tone to MC-707 (101)**" icon **Send Tone to MC-101** or by using the Enter key on the keyboard.

To speed up the transfer of data from the library to the groovebox, you can **disable/enable** the automatic update of the editor graphics and parameters by clicking on the relevant icon

 : obviously you can update these parameters at any time by clicking on the Groovebox→ Editor icon

In this way (Parameter reception OFF - Green) it is possible to transfer and listen to the sounds of the library more quickly for example by "zapping" the sounds of a bank.6) Scene Editing

6) Project editing

- Click on Project Icon
- Inside the **track tab** you access the **4/8 track equalizers** available (MC-101/MC-707) and the 3 master effects applied to the entire project: **Master Compressor, Master MFX** and **Master EQ**

-
- To update the screen parameters and those relating to Delay and Reverb, click on the icon at the top:

  Read Project Track EQ/Master EFX .

  In this Tab there is the possibility of **set/read the parameters relating to the type of sound source**

  - **Sound source=TRACK** (one ZEN-Core tone for all clips in the track)
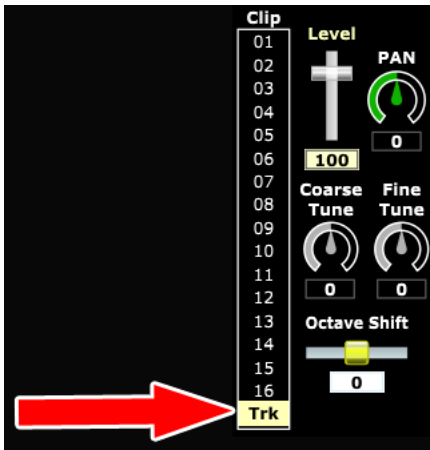 - **Sound source=CLIP** (one ZEN-Core tone for each of the track's 16 clips)

Inside the **CLIP Tab** you can access to the Level and PAN parameters, the sends to the master Delay and reverb effects and the various offsets of the synthesis parameters: Cutoff, Resonance, ADR, Vibrato, Portamento, Ctrl Sys.

Also for this section it is important to distinguish, for each of the 4/8 Tracks (MC-101/MC-707), the two cases:

| Sound source=TRACK	Sound source=CLIP
- It is used **a single tone** ZEN-Core for all clips in the track - **There is only one SET** of synthesis parameters offset and Delay/Rev send which are active for all clips in the track **To view and update the only offset SET: click on TRK**	- They are used **16 toni** ZEN-Core, one for each of the 16 clips in the track - **There are 16 sets** of synthesis parameters offset and Delay/Rev send which are active one for each clip of the track **To view and update the 16 offset SETS: click on the corresponding Clip number** (Clip N.4 in the example)
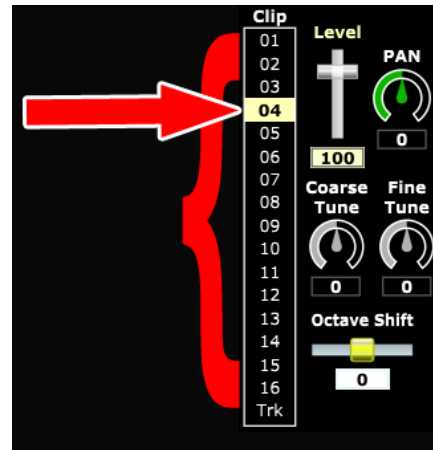
To update all the parameters of the screen and those relating to Delay and Reverb, click on the icon at the top:

Read Project Track Offset/EFX .