

B67 ZEN EditorLib Quick Start

Editor and librarian for Roland Fantom 6-7-8, 6EX - 7EX - 8EX, 06-07-08, Ax-Edge, Jupiter-X and Jupiter-XM

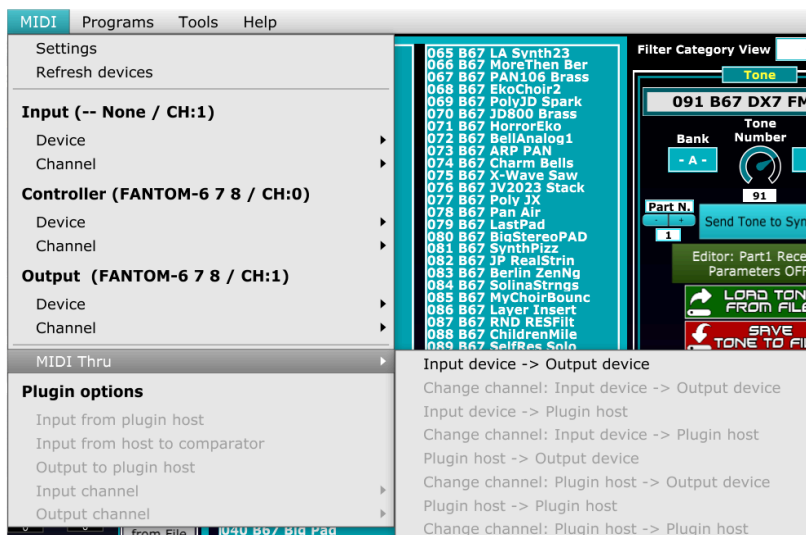
(updated versions of the manual, videos, sound banks and user guides are available at the following [Link](#))

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Note for AX-Edge users: the synth only uses Zen-Core tones and therefore in the following guides the steps where it is necessary to prepare tones with this type of synthesis can be ignored.

Operating requirements

- Install the latest available firmware on the synth
- Install the MIDI USB drivers for the Computer-Synth dialog
- Turn on and connect the synth to the computer via USB before starting the software (connection via the MIDI Din 5 pin connectors is not fast enough for using the editor)
- Leave the default value Device ID (Unit Number)= 17h in the synth configurations
- Copy the **ZenCore Editor2_****** executable to a folder (e.g. Desktop or Documents) and launch it by double-clicking (the program will be active after about 7-10 seconds) - For the first run on a MAC, consult the complete manual.
- **Select the MIDI port as shown:**

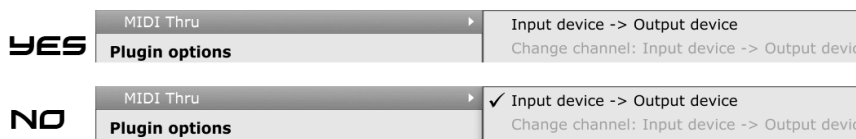


Input: no device

Controller: Fantom 6-7-8 (AX-Edge/Jupiter-X)

Output: Fantom 6-7-8 (AX-Edge/Jupiter-X)

MIDI Thru: input->Output Deselected



Link Driver

Fantom 6 EX https://www.roland.com/global/support/by_product/fantom_6_ex/updates_drivers/

Fantom 7 EX https://www.roland.com/global/support/by_product/fantom_6_ex/updates_drivers/

Fantom 8 EX https://www.roland.com/global/support/by_product/fantom_6_ex/updates_drivers/

Fantom 6 https://www.roland.com/it/support/by_product/fantom_6/updates_drivers/

Fantom 7 https://www.roland.com/it/support/by_product/fantom_7/updates_drivers/

Fantom 8 https://www.roland.com/it/support/by_product/fantom_8/updates_drivers/

Fantom-06 https://www.roland.com/it/support/by_product/fantom-06/updates_drivers/

Fantom-07 https://www.roland.com/it/support/by_product/fantom-07/updates_drivers/

Fantom-08 https://www.roland.com/it/support/by_product/fantom-08/updates_drivers/


AX-Edge https://www.roland.com/it/support/by_product/ax-edge/updates_drivers/

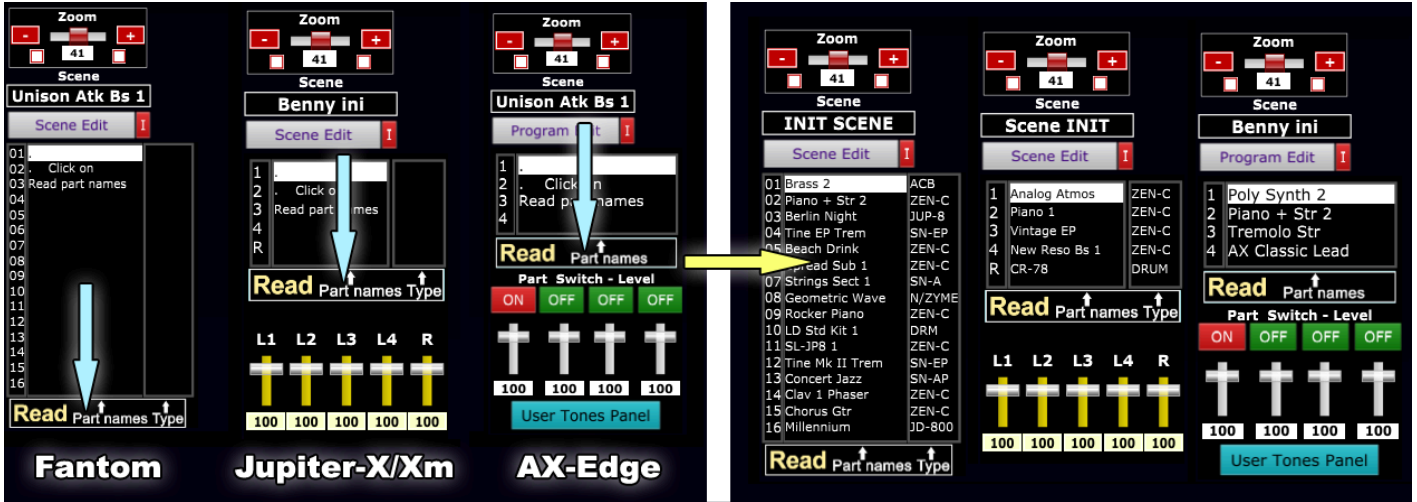
Jupiter-X https://www.roland.com/it/support/by_product/jupiter-x/updates_drivers/

Jupiter-Xm https://www.roland.com/it/support/by_product/jupiter-xm/updates_drivers/

1) Editing a ZEN-Core Tone on the Synth

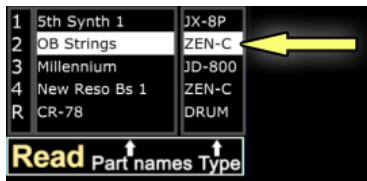
To edit a tone, you must update the scene content within the software and select a part that contains a ZEN-Core synthesis type (**Type=ZEN-C**). In AX-Edge this is always true.

- Click the icon in the bottom left  to update both the **active scene name** (program in AX-Edge) on the synth and the **name/type** of the tone present on the various parts (ACB, ZEN-Core, SN-EP, SN-A, N/Zyme, JUP-8, JD-800, etc.).



With the name/type of the tone present on the parts (1-16 in Fantom, 1-5 in JupiterX/Xm, and 1-4 in AX-Edge) available, to edit a ZEN-Core tone, you need to:

Select the ZEN-Core tone, if available, by clicking on the desired part with “ZEN-C” Type




or selecting it using the keyboard arrows .


Click the icon at the top  to transfer the synthesis parameters from the synth to the software and access to ZEN-Core editing.

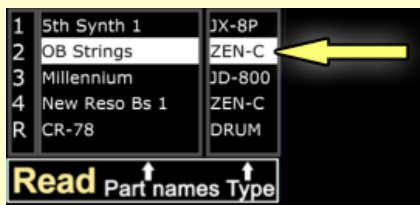
The various ZEN-Core tone parameters are divided into 6 screens, which can be accessed by clicking on the corresponding icons



(Main, PCM Range Common, Mod Matrix, Pitch ENV, STEP LFO, Effect EQ)

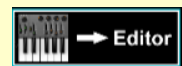
Note: For ZEN-Core editing, you can start from an INIT scene/program by clicking on the letter I in the red rectangle. 

Proceed in a similar manner by updating the parts view (click on ) , clicking the desired



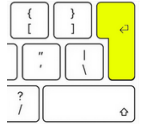
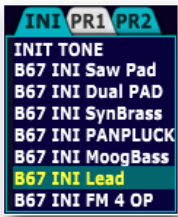
ZEN-Core part

and clicking on the icon at the top




2) Loading and editing the 24 Zen-Core presets

- Select the desired ZEN-Core part (see chapter 1) and double-click the preset you want to play or edit



(Alternatively, use the arrow keys to select + **Enter** to transfer the tone from the editor to the synth (  )

- Click the icon at the top  to update the on-screen parameters and access ZEN-Core editing via the 6 screens: Main, PCM Range Common, Mod Matrix, Pitch ENV, STEP LFO, Effect EQ.

3) Saving the ZEN-Core Tone to the Library or to a File




After transferring a tone from the synth and modifying it if necessary (Chapters 1 and 2), the ZEN-Core tone can be saved to the library or to a file.

Storing the ZEN-Core Tone to the Library

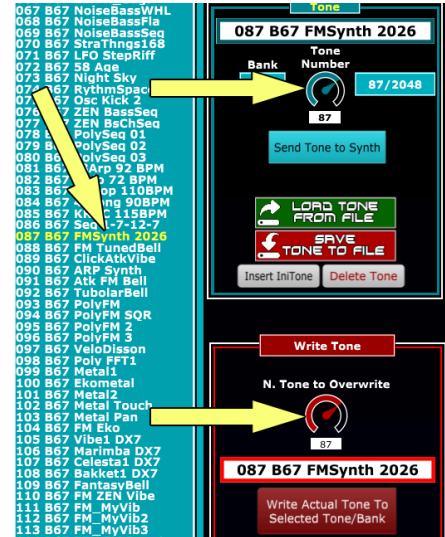
- click on **LIBRARIAN** and select the library location where you want to save the sound.

This can be done in three different ways:

- Single-click on the tone or using the Up/Down arrow

keys    on the keyboard.
(in the example, Tone No. 87)

- Using the "Tone Number" control
- Using the "N.Tone to Overwrite" control



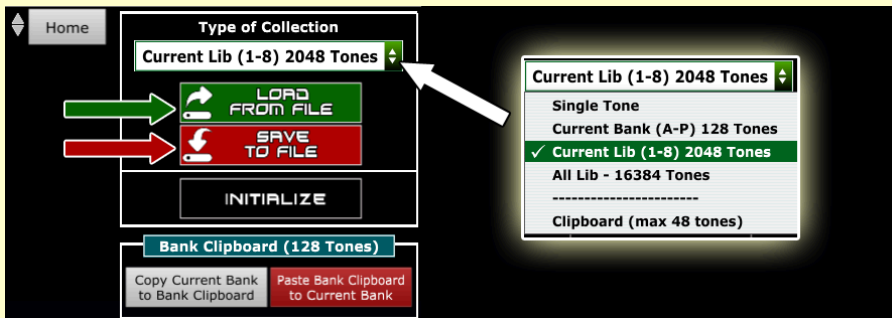
- Click on "Write Actual Tone To Selected Tone/Bank" (this operation takes a fraction of a second, during which, obviously, you should not modify the sound in the synth)



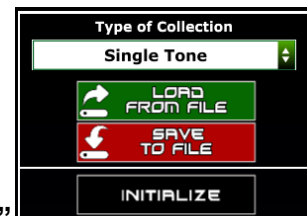
Note: The library's contents are resident in the computer's memory and *there are no automatic file saving mechanisms*.

To reload the library's contents in a subsequent editing session, it must be saved to a file.

To do this, simply select the "Collection Type" (Current Bank, Current Lib, or All Lib) and click **Save to file**.



Saving the ZEN-Core Tone to File

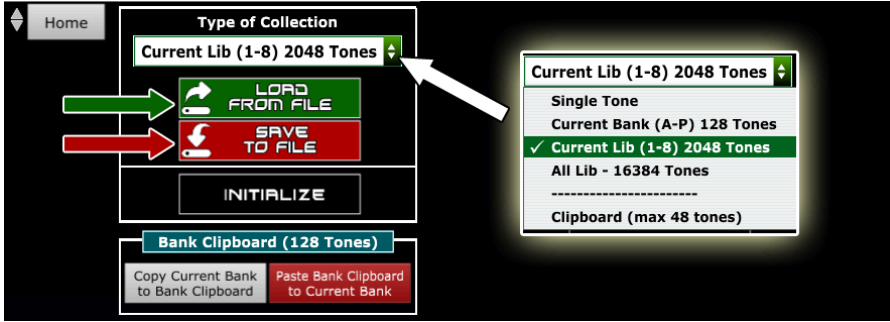


Select **Type of collection = Single Tone** and click "Save to file"

(If a part containing a sound with synthesis other than ZEN-Core is selected, import and export have no effect.)

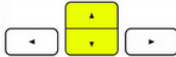
4) Load the optional libraries B67_Collection_X

- Click on **LIBRARIAN**
- Using the corresponding TAB, select the location Lib1, Lib2, or Lib8 to load the sounds into.
- Select Type of collection = "Current Lib (1-8) 2048 Tones" and "Click on "Load Lib from File"



The file to select and load is **FileName.B67**

5) Listening to and editing library sounds

- Click on **LIBRARIAN**
- Select the library (Lib1 - Lib8) and the bank (A-P) and use one of the following methods to transfer the sound from the library to the synth:
 - **Double-click** the tone you want to transfer
 - **Select** the tone using the "Tone Number" control or the Up-Down arrow keys  and

click the "Send Tone to Synth" icon  or the "Enter" key on the keyboard.

Double Click or Keyboard "ENTER"


Selected ZEN-Core Part

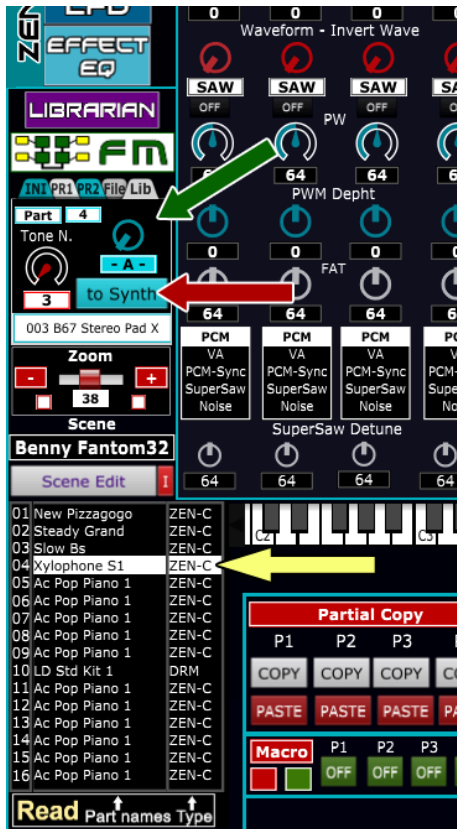
To edit, simply return to the main screen (click the **Home** icon at the top left) and update the on-screen parameters


by clicking on the  icon at the top.

You can also transfer a ZEN-Core tone from the library to the synth in the ZEN-Core editing screen.


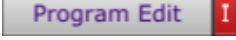
To do this, go to the **"Lib"** tab on the left, selecting the ZEN-Core section where you want to transfer the tone, the tone number (1-128), and the bank (A-P) at the bottom.

Tone transfer is achieved by clicking the **"to Synth"** icon. 



After transferring the tone, you can proceed to editing by clicking the icon  **Editor** at the top to update the various ZEN-Core synthesis parameters.

6) Scene Editing (program in AX-Edge)

- On the main screen, **click** the icon  ( for AX-Edge)
- Update the editor parameters and graphics by clicking the yellow icon at the top.

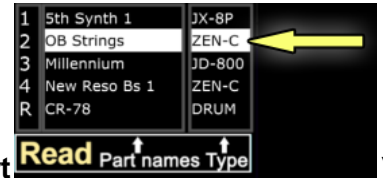
“**Read Scene (Program) from**”



- You can also edit simultaneously on the synth and software: when working on the synth, click the yellow icon to resynchronize the editor parameters.

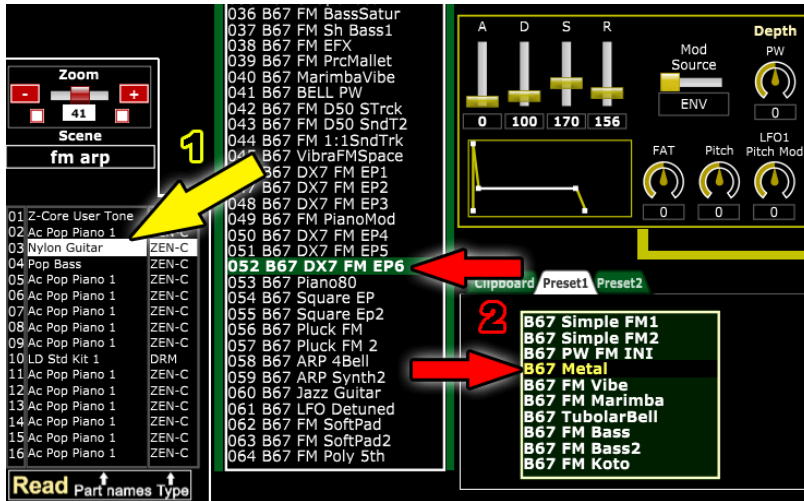
7) Using the "B67 ZEN FM" Engine and Saving tones to the Library or File

- On the Home screen, select a part with a Zen-Core tone as described in Chapter 1



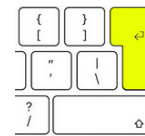
(click on **Read** Part names Type and then click on the selected "ZEN-C" part **Read** Part names Type)

- Click on the icon
- To begin editing, you must start loading a preset or a sound from the library.



Double-click on any sound in the librarian or a preset.

(Alternatively, select using the Up-Down arrow keys



+ Enter on the keyboard , or click on

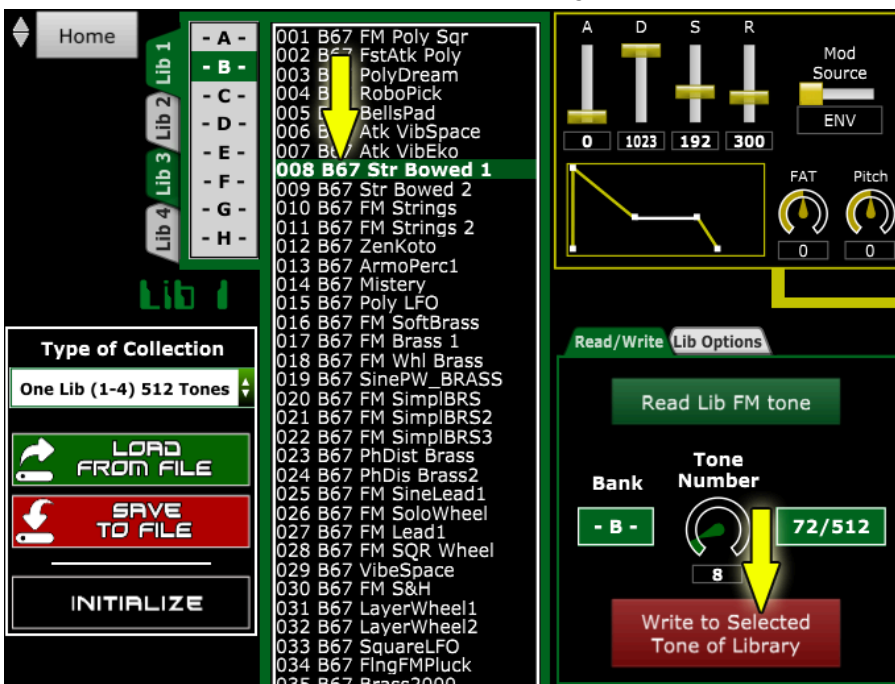


Proceed to edit the tone with the "B67 ZEN FM" engine, changing the name if necessary (double-click below).



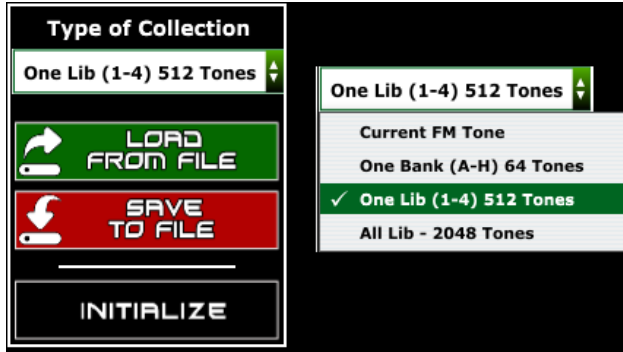
To save the edited tone to a location in the library :

- Select the library location by clicking on LIB (1-4), Bank (A, B,...H), and Tone No.
- click on "Write to Selected Tone of Library"



Note: The entire B67 ZEN FM engine library database is volatile: at the end of the session, its contents must be saved to a file to avoid losing any changes.

To export the library to a file, select the **"Type of Collection"** menu and click on **"Save to File"**.



To save the single tone currently being edited to the selected part, set **Type of Collection = Current FM Tone** and click **"Save to File."**

Note: The optional FM_Lib26.LFM (112 sounds) and FM_Lib26_TheBest.LFM (67 sounds) libraries are available in "One Lib" format.

To import them into the library, simply select **Type of Collection = One Lib (1-4) 512 Tones** and click on **"Load from File"**.