FANTOM Version 2.10 Supplementary Manual

This manual explains the new features that were added in FANTOM version 2.10. Read this along with the FANTOM Owner's Manual, Reference Manual (PDF) and the previous FANTOM Supplementary Manuals through version 2.00.
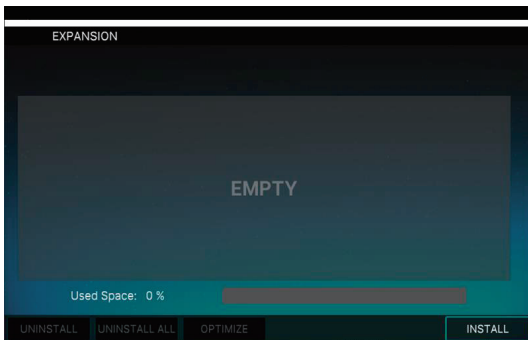
Installing the Expansion

Install the expansion that you downloaded from Roland Cloud.

MEMO

You may see a prompt on the display to confirm your license when installing the expansion.

1. Download the desired tone data using Roland Cloud Manager.

2. Save the tone data you downloaded (only the EXZ and PNG files) to the root directory (the topmost level) of your USB flash drive.

3. Turn off the FANTOM, and connect the USB flash drive to the USB MEMORY port.

4. Turn the power on while holding down the [TEMPO] button.

The EXPANSION screen appears.

5. Press the [E6] (INSTALL) knob.

The tone data saved on the USB flash drive is shown.

6. Use the cursor [▼] [▲] buttons or the [E1] knob to select the tone data to install.

To select a continuous series of tone data, press the cursor [▼] [▲] buttons or the [E1] knob while holding down the [SHIFT] button.

When one of the tone data items is selected and you touch a different tone data item while holding down the [SHIFT] button, you can select multiple tone data items.

7. Press the [E6] (INSTALL) knob.

A confirmation message appears.

To cancel, touch [E6] CANCEL.

8. Select [E5] OK.

Once the data is installed, the tone data titles are shown in the on-screen list.

To install more tone data, repeat steps 6–8.

NOTE

Never turn off the power or remove the USB flash drives while the screen indicates "working."

9. Turn the power back on once the tone data has been installed.

Model Tone Added to Tone Types

The now features a MODEL tone type, adding to the types previously available.

> The Model tone type recreates the sound of certain vintage synthesizers. You can select the Model bank for specific models when the tone type is set to "Model." Each model bank has parameters that are unique to each model, and the sounds change in different ways when you operate the knobs and other controllers. This means that with just a single FANTOM, you're able to use a variety of other models as well, as if you owned them.
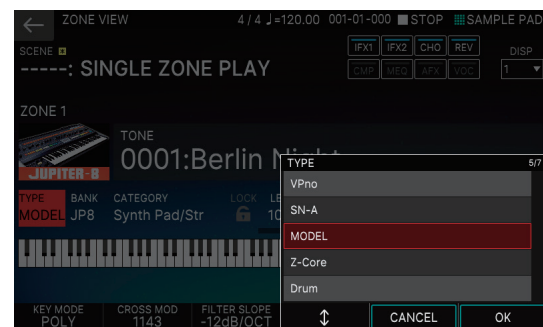
NOTE

To use the Model tones, you'll need to update the unit to version 2.10 and install expansions "EXM001–004" available on Roland Cloud.
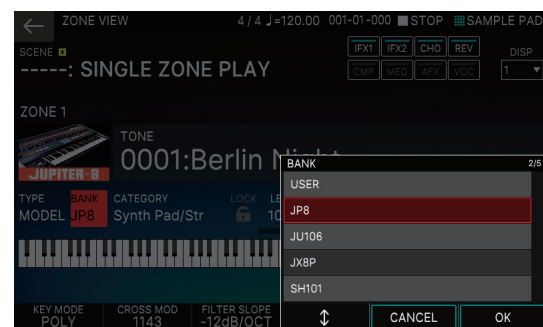
EXM001	Adds the JUPITER-8 model bank (JP8).
EXM002	Adds the JUNO-106 model bank (JU106).
EXM003	Adds the JX-8P model bank (JX8P).
EXM004	Adds the SH-101 model bank (SH101).

Selecting a Model Tone

1. Switch to the ZONE VIEW screen.

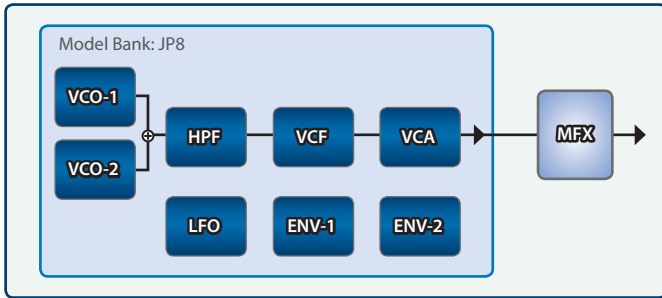**2. Move the cursor to TYPE, and select "MODEL."**

3. Move the cursor to BANK, and select a model bank.

4. Move the cursor to the tone name (number), and use the [VALUE] dial or the [INC][DEC] buttons to select a tone.

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Editing a Model Tone

With the Model tones, you edit the parameters that are unique to their respective model bank.

Model Bank: JP8

VCO-1 → HPF → VCF → VCA → MFX
VCO-2
LFO ENV-1 ENV-2

1. Select a tone for which the tone type is "MODEL," and touch the [MENU] button → <TONE EDIT>.

Accesses the TONE EDIT screen.

Menu	Explanation
[E1] knob	Scrolls the tab up/down.
[E2]–[E6] knobs	Edits the corresponding parameters. (The corresponding parameter changes depending on the cursor position.)
<To PRO>	Displays the TONE EDIT PRO screen.
<UTILITY>	Displays the UTILITY window.

2. Move the cursor to the desired parameter, and edit the value.

The tabs and parameters differ depending on the model bank selected.
For details on the parameters, see the Owner's Manual for each expansion.

Using the Edit Knobs

Use the knobs and buttons of the OSC, FILTER, ENV/AMP and EFFECT sections to make changes to the sound in real time. The corresponding parameters change depending on the model bank.

Controller	JP8	JUNO106	JX8P	SH101
[TYPE] knob (lit)	VCO-1 WAVEFORM	DCO RANGE	DCO-1 WAVEFORM	VCO RANGE
[TYPE] knob (blinking)	VCO-2 WAVEFORM	DCO PWM	DCO-2 WAVEFORM	VCO PWM MODE
[VALUE] knob (lit)	VCO-1 RANGE	DCO PULSE WIDTH	DCO-1 RANGE	VCO MOD
[VALUE] knob (blinking)	VCO-2 RANGE/ LOW FREQ (*1)	DCO PWM MODE	DCO-2 RANGE	VCO PULSE WIDTH
[CUTOFF] knob	VCF FREQ	VCF FREQ	VCF CUTOFF FREQ	VCF CUTOFF
[RESONANCE] knob	VCF RES	VCF RES	VCF RES	VCF RESO
[FILTER TYPE] button	FILTER TYPE	HPF TYPE	HPF TYPE	FILTER TYPE
[A] knob (PITCH ENV)	-	-	-	-
[D] knob (PITCH ENV)	-	-	-	-
[S] knob (PITCH ENV)	-	-	-	-
[R] knob (PITCH ENV)	-	-	-	-
[A] knob (FILTER ENV)	ENV-1 ATTACK	-	ENV-1 ATTACK	-
[D] knob (FILTER ENV)	ENV-1 DECAY	-	ENV-1 DECAY	-
[S] knob (FILTER ENV)	ENV-1 SUSTAIN	-	ENV-1 SUSTAIN	-
[R] knob (FILTER ENV)	ENV-1 RELEASE	-	ENV-1 RELEASE	-
[A] knob (AMP ENV)	ENV-2 ATTACK	ENV ATTACK	ENV-2 ATTACK	ENV ATTACK
[D] knob (AMP ENV)	ENV-2 DECAY	ENV DECAY	ENV-2 DECAY	ENV DECAY
[S] knob (AMP ENV)	ENV-2 SUSTAIN	ENV SUSTAIN	ENV-2 SUSTAIN	ENV SUSTAIN
[R] knob (AMP ENV)	ENV-2 RELEASE	ENV RELEASE	ENV-2 RELEASE	ENV RELEASE
[AMP LEVEL] knob	VCA LEVEL	VCA LEVEL	VCA LEVEL	VCA LEVEL
[EFFECT TYPE] knob	MFX TYPE			
[EFFECT DEPTH] knob	Changes according to the selected MFX TYPE			

*1: When the LOW FREQ switch is ON

Functionality Added to "Import to Multisample"

When importing files into the Kbd Sample List using the Import To Multisample, Import To Sample List or Import To Kbd functions, the Original Key is now set automatically, based on the following filename rules.

Automatic file naming rules

- If a note name is found in the filename (excluding the extension), the Original Key is set to that note name.

  Example: Filenames that include "C4"

C4_XXXX.wav	Filename begins with "C4_"
XXXX_**C4_**XXX.wav	Filename includes "_C4_", searching from the end
XXXX_**C4**.wav	Filename ends with "_C4"

- Root names are handled as follows.

  "C", "D", "E", "F", "G", "A", "B" (only single-byte capital letters)

- Accidentals are handled as follows.

  Sharp: "#" (single-byte), "s" (single-byte lowercase)

  Flat: "b" (single-byte lowercase)

- These notes are converted: "Cb" = "B", "B#" = "C", "E#" = "F", "Fb" = "E"
- Octave numbers can use "-" (hyphen) and the numbers 0–9. (C4 is note number 60.)
- If there are multiple instances of matching characters in the same filename, the instance closest to the end of the filename is used.

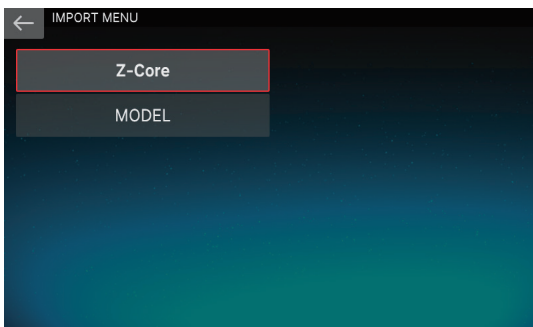 Example: Filename that includes "F#4" and "C4"

XXXX_F#4_XXX_**C4**.wav	"_C4" is used.

- If no matching characters exist, the Original Key is set to C4.

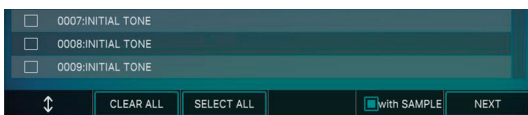# Functions Added to Utility

Functionality Added to "Import Tone/ Export Tone"

- You can now select a ZEN-Core tone and Model tone on the IMPORT TONE/EXPORT TONE for import or export.

- The "with SAMPLE" option has been added to the EXPORT TONE screen.

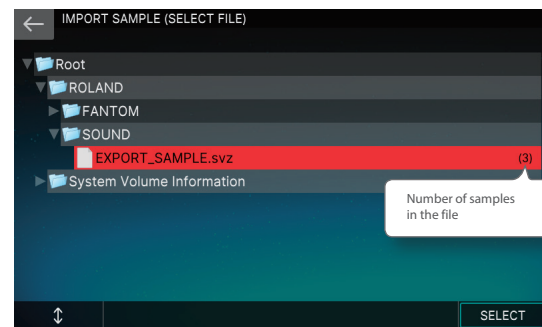 | Menu | Explanation |
  |---|---|
  | **[E5] with SAMPLE** | When this check box is selected, the user sample or multisample belonging to the tone is exported along with the tone data. |

Importing Sample Data (IMPORT SAMPLE)

This lets you import the FANTOM sample data from a USB flash drive.

MEMO
Data that can be loaded includes any sample data exported using the Export Sample function.

1. **Copy the file to import (the SVZ file that was created using the EXPORT SAMPLE function) to the USB flash drive.**

2. **Insert the USB flash drive into the USB MEMORY port of the FANTOM.**

3. **Press the [MENU] button.**

   The MENU screen appears.

4. **Touch <UTILITY>.**

   The UTILITY screen appears.

5. **Touch <IMPORT>.**

6. **Touch <IMPORT SAMPLE>.**

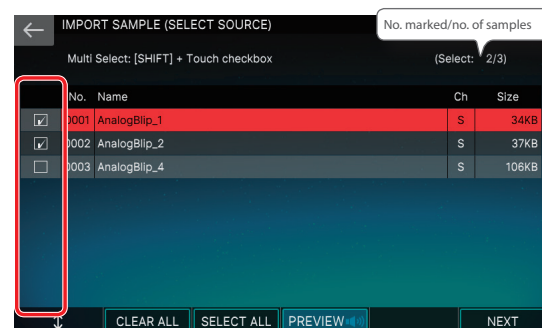   The folders and files on the USB flash drive are displayed.

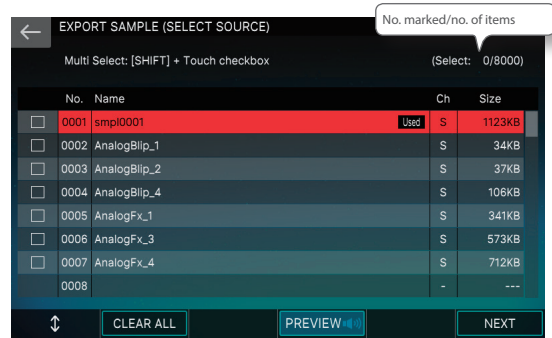 | Menu | Explanation |
   |---|---|
   | **[E1] knob** | Scrolls the screen up/down. |
   | **[E6] SELECT** | Selects the file. |

7. **Touch the SVZ file to import.**

8. **Select [E6] SELECT.**

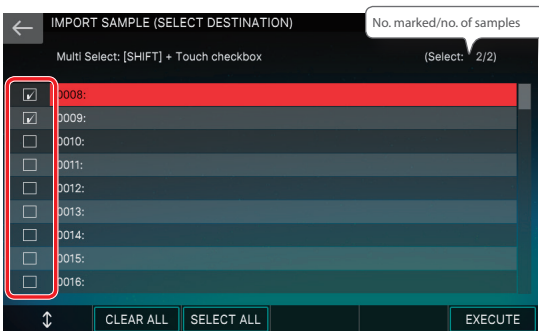   The IMPORT SAMPLE (SELECT FILE) screen appears.

9. Touching the check box to the left of a sample selects it for import.

Menu	Explanation
[E1] knob	Scrolls the screen up/down.
[E2] CLEAR ALL	Clears all of the check boxes.
[E3] SELECT ALL	Selects all of the check boxes.
[E6] NEXT	Moves to the next operation.
Touch a check box while holding the [SHIFT] button	Selects the check boxes for multiple samples all at once, from the sample at the cursor position to the sample you touch while holding down the [SHIFT] button.

10. Select [E6] NEXT.

The IMPORT SAMPLE (SELECT DESTINATION) screen appears. This is a list of samples in the FANTOM.

11. Touch the check box to the left of a sample to select it as the import destination.

NOTE

The selected sample at the import destination is overwritten.

The check boxes are automatically selected by default, so that INITIAL SAMPLE is the import destination.

12. Select [E6] EXECUTE.

A confirmation message appears.

To cancel, touch [E6] CANCEL.

13. Select [E5] OK.

The sample is imported, and the unit returns to the IMPORT MENU screen.

Exporting Sample Data (EXPORT SAMPLE)

This lets you export the FANTOM sample data to a USB flash drive.

1. Insert the USB flash drive into the USB MEMORY port of the FANTOM.

2. Press the [MENU] button.

The MENU screen appears.

3. Touch <UTILITY>.

The UTILITY screen appears.

4. Touch <EXPORT>.

5. Touch <EXPORT SAMPLE>.

The EXPORT SAMPLE (SELECT SOURCE) screen appears.

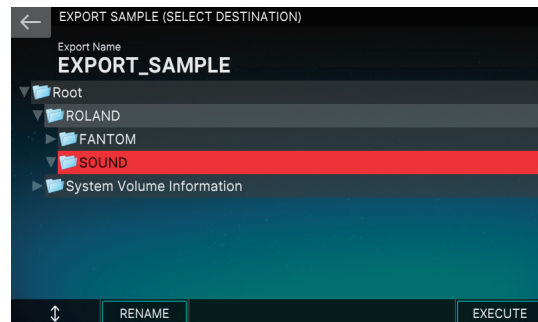## 6. Touching the check box to the left of a sample selects it for export.

Menu	Explanation
[E1] knob	Scrolls the screen up/down.
[E2] CLEAR ALL	Clears all of the check boxes.
[E6] NEXT	Moves to the next operation.
Touch a check box while holding the [SHIFT] button	Selects the check boxes for multiple samples all at once, from the sample at the cursor position to the sample you touch while holding down the [SHIFT] button.

MEMO

You can export up to 1000 samples at a time..

7. Select [E6] NEXT.

The EXPORT SAMPLE (SELECT DESTINATION) screen is displayed.

Menu	Explanation
[E1] knob	Scroll up and down on the screen to select the save destination.
[E2] RENAME	Edits the name of the file to export.
[E6] EXECUTE	Exports the data.

8. Use the [E1] knob to select the save destination folder.

9. To edit the name of the file to save, select [E2] RENAME and then edit the filename.

Input the name in the same way as with the RENAME screen that's used elsewhere.
After editing the name, select [E6] OK to close the window.

10. Select [E6] EXECUTE.

A confirmation message appears.
To cancel, touch [E6] CANCEL.

11. Select [E5] OK.

The sample data is exported, and the unit returns to the EXPORT MENU screen.
The file is saved at the location you specified in step 8.