Roland®

Fantom XR
SAMPLE TOOLS
EXPANSION

Guide to the Added Functionality

Before using this unit, carefully read the sections entitled: "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (p. 3; p. 4). These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, this guide should be read in its entirety. This guide should be saved and kept on hand as a convenient reference.

This guide applies to the Fantom-XR and FANTOM-XR Sample Tools Expansion Kit.

Customers who purchased the "FANTOM-XR Sample Tools Expansion Kit" (update card):

You must first update your Fantom-XR. Begin reading from "Check the contents of the package" (p. 6).

Customers who purchased the Fantom-XR (Synthesizer/Sampler module):

You don't need to update your Fantom-XR. Begin reading from "Main features" (p. 10).

USING THE UNIT SAFELY

INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

About ⚠ WARNING and ⚠ CAUTION Notices

⚠ **WARNING**	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
⚠ **CAUTION**	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well as to domestic animals or pets.

About the Symbols

⚠	The △ symbol alerts the user to important instructions or warnings.The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
🚫	The ⃠ symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
🔌	The ● symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

------------------------------- **ALWAYS OBSERVE THE FOLLOWING** -------------------------------

⚠ WARNING

- Before using this unit, make sure to read the instructions below, and the Guide to the Added Functionality.

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- Do not open or perform any internal modifications on the unit.

....

- Do not attempt to repair the unit, or replace parts within it (except when this guide provides specific instruc-tions directing you to do so). Refer all servicing to your retailer, the nearest Roland Service Center, or an autho-rized Roland distributor, as listed on the "Information" page.

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- Never use or store the unit in places that are:
  - Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are
  - Damp (e.g., baths, washrooms, on wet floors); or are
  - Humid; or are
  - Exposed to rain; or are
  - Dusty; or are
  - Subject to high levels of vibration.

....

⚠ WARNING

- Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit.

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- In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit.

....

- Protect the unit from strong impact. (Do not drop it!)

....

- DO NOT play a CD-ROM disc on a conventional audio CD player. The resulting sound may be of a level that could cause permanent hearing loss. Damage to speakers or other system components may result.

....

⚠ CAUTION

- Never climb on top of, nor place heavy objects on the unit.

....

Important Notes

In addition to the items listed under "USING THE UNIT SAFELY" on page 3, please read and observe the following:

Placement

- Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Excessive heat can deform or discolor the unit.

Before Using Cards

Using DATA Cards

- Insert the CompactFlash card correctly into the PC card adapter, and insert it all the way into the PC card slot.
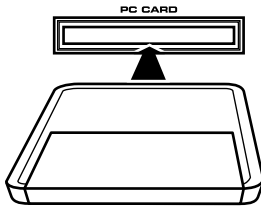
- Never touch the terminals of the Compact-Flash and PC card adapter. Also, avoid getting the terminals dirty.

Handling CD-ROMs

- Avoid touching or scratching the shiny underside (encoded surface) of the disc. Damaged or dirty CD-ROM discs may not be read properly. Keep your discs clean using a commercially available CD cleaner.

Other Notes

- * All product names mentioned in this document are trademarks or registered trademarks of their respective owners.

- * CompactFlash and are trademarks of SanDisk Corporation and licensed by CompactFlash association.

- * In the interest of product improvement, the specifications and/or contents of this package are subject to change without prior notice.

* In this guide, we use the term "Owner's Manual" for you to refer to the "Fantom-XR Owner's Manual".

Contents

Check the contents of the package

This package contains the following items. As soon as you open the package, please make sure that all items are present. You may wish to check off (☑) each box as you verify each item. If anything is missing, please contact your dealer.

* *This page is for verifying the contents of the FANTOM-XR Sample Tools Expansion Kit (update card). If you purchased the FANTOM-XR (synthesizer/sampling module), please begin reading from "Main features" (p. 10).*

☐ **FANTOM-XR Sample Tools Expansion Kit CompactFlash card**

For the update procedure, refer to "Updating the FANTOM-XR" (p. 7).

☐ **PC card adapter**

This adapter allows the "FANTOM-XR Sample Tools Expansion Kit" CompactFlash card to be inserted into the Fantom-XR sound module.

☐ **CD-ROM (Editor)**

☐ **Fantom-XR Sound List (Leaflet)**

☑ **Guide to the Added Functionality (this document)**

This is the document you are reading. It explains the functionality added by the FANTOM-XR Sample Tools Expansion.

☐ **Sticker**

Updating the FANTOM-XR

What is the FANTOM-XR Sample Tools Expansion Kit?

The FANTOM-XR Sample Tools Expansion Kit consists of a CompactFlash card containing an upgrade program that enhances the multisample functionality, together with a PC card adapter for inserting this card into your Fantom-XR.
Once you perform the update procedure, the Fantom-XR will always start up with the added FANTOM-XR Sample Tools Expansion functionality.

NOTE

Keep this product in a safe place after you have completed the upgrade.

Items required for performing the update

- "FANTOM-XR Sample Tools Expansion Kit" CompactFlash card and PC card adapter (hereafter referred to as "this product")
- Fantom-XR synthesizer/sampling module

NOTE

Use only the CompactFlash card and PC card adapter included with this product.

Cautions when performing the update (Important)

- Never use this product with any device other than the Fantom-XR. Doing so may damage the data or system of this product or of the other device.
- Do not turn off the power while the update is in progress. Doing so may render the Fantom-XR incapable of starting up correctly.
- As a precaution, we recommend that you back up your user data before you begin. (Owner's Manual; p. 162)
- Do not format this product on the Fantom-XR or on any other device.
- Please note that once you have completed the update using this product, it will not be possible to return the Fantom-XR to its prior version.
- Once you have completed the update, do not insert this product into the Fantom-XR.

Update procedure

1. **Insert the "FANTOM-XR Sample Tools Expansion Kit" CompactFlash card into the PC card adapter.**

PC Card Adapter   CompactFlash
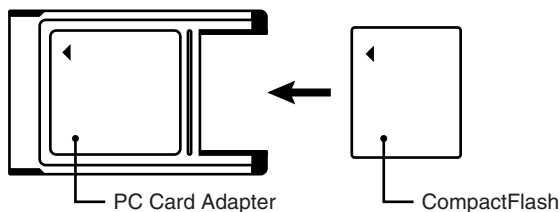
2. **Make sure that your Fantom-XR is switched OFF.**

3. **Insert the PC card adapter (see step 1) into the Fantom-XR.**

4. **Switch ON the power on your Fantom-XR.**

   After the opening movie is displayed, a caution regarding the update procedure will appear.

   * *If the screen shown below does not appear, switch off the Fantom-XR's power, and repeat the operation from step 1.*

5. **Read the warning, and if you wish to proceed, press ▶ .**

   Press ▶ several times to view and read the entire message.
   A screen will ask you for confirmation.

   * *If you wish to abort the update procedure at this point, press [EXIT], turn off the power, and remove the PC card.*

6. **Press [ENTER] to execute the update.**

   * *Do not turn off the power while the update is in progress.*

   * *The update will require approximately two minutes for completion.*

7. **When the process has been completed, the display will indicate "Completed." Turn off the power of the Fantom-XR and remove the PC card.**

This completes the update.
The next time you turn on the power, the FANTOM-XR Sample Tools Expansion will start up.

(MEMO)

Keep this product in a safe place after you have completed the upgrade.

Verifying the update

1. **In the Patch Play screen (Owner's Manual; p. 40) or the Performance Play screen (Owner's Manual; p. 84), press [MENU].**

The Top Menu screen will appear.

2. **Press ▲ or ▼ to select "System," and then press [ENTER].**

The System Setup screen will appear.

3. **Use ◀ or ▶ to select "System Version Info."**

Verify that the version indication reads "Version 2.**" (2.00 or higher).

Main features

The Fantom-XR Sample Tools Expansion adds sample tools, providing a significant leap in music-making power. With its comprehensive unification of synth, sampler, and audio functionality, the Fantom-XR is reborn as an even more powerful synthesizer/sampler module.

Sample Editor, Multisample Editor, and S-700 series sample converter (p. 20)

Now you can use your computer to easily edit samples.
Multisamples can also be edited, greatly enhancing the potential of the Fantom-XR's music creation abilities.
Additionally, you can now load S-700 series data.

Sample Auto Patch function (p. 18)

As with patches and rhythm sets, you can now easily select samples from the patch list as well. New sample parameters have also been added, making it much easier to handle samples.

Multisample editing (p. 11)

The new Multisample Edit screen lets you easily create and edit multisamples.

New patches

* *128 new patches have been added.*

In order to take full advantage of its enhanced functionality, please read this guide carefully.

Multisample editing functions

The FANTOM-XR Sample Tools Expansion adds a Multisample Edit screen that makes it easy to create and edit multisamples.

Creating a multisample

A "multisample" is a set of different samples assigned to the notes of the keyboard. One multisample can split up to 128 samples across the keyboard. You can store 128 multisamples in user memory, and another 128 multisamples in a memory card.

* *In order to hear a multisample, you must assign it to a patch.*

How patches, multisamples, and samples are related
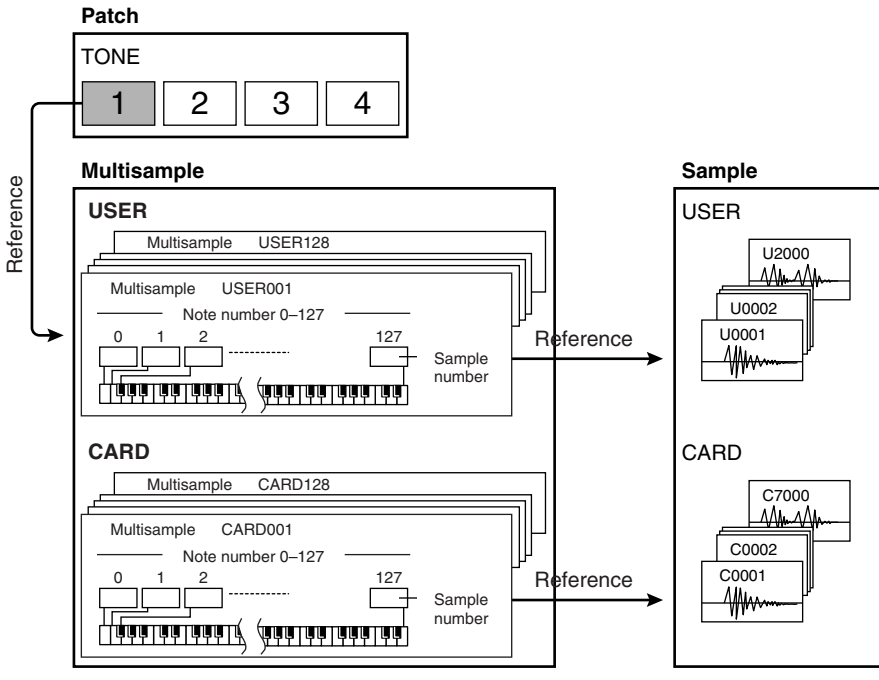
NOTE
User multisamples consist only of user samples, and card multisamples consist only of samples on the card.

Creating a multisample in the Patch Edit screen

(MEMO)

You should start by initializing the patch settings. (Owner's Manual; p. 69)

1. **Press [MODE] so the button lights in red.**

   You will enter Patch mode, and the Patch Play screen will appear.

   (MEMO)

   You can't create a multisample if the patch type is "Rhythm."

2. **Press [SHIFT] so it lights, and then press ▼ .**

   The Patch Edit Menu screen will appear.

3. **Turn the VALUE dial or use [CURSOR] to select the edit group (Patch WG) of the tone to which you want to assign a multisample.**

   Example: if assigning a multisample to Tone 2

4. **Press the VALUE dial or [ENTER].**

   The Patch Edit screen will appear.
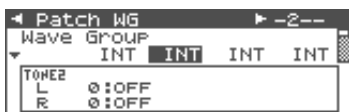
5. **Change the parameters as follows to assign a multisample to the selected tone.**

   • **Wave Group:**   MSAM (Multisample waveforms)

   • **Wave Bank:**   USER or CARD

   • **Wave No. L (Mono):** Multisample number

*   For details on making this setting, refer to "How to Make Patch Settings" (Owner's Manual; p. 46).

*   If you want to use a stereo multisample, specify the same number for L and R.

6. **Press [MENU].**

   The Patch Utility screen will appear.

7. **Use ▲ or ▼ to select "Multisample Edit."**

8. **Press [ENTER].**

   The Multisample Edit screen will appear.

*   For details on editing, refer to "Editing a multisample" (p. 13).

9. **Save the multisample.**

*   For details on how to save, refer to "Saving a multisample" (p. 17).

10. **Save the patch.**

*   For details on how to save the patch, refer to "Saving Patches You've Created (Write)" (Owner's Manual; p. 69).

Creating a multisample in the Create Multisample screen

1. **As described in steps 1–10 of "Creating a Patch from Multiple Samples (Create Multisample)" (Owner's Manual; p. 126), create a multisample and then create a patch.**

   The Multisample Edit screen will appear.

*   For details on editing, refer to "Editing a multisample" (p. 13).

2. **Save the multisample.**

*   For details on how to save, refer to "Saving a multisample" (p. 17).

3. **Save the patch.**

*   For details on how to save a patch, refer to "Saving Patches You've Created (Write)" (Owner's Manual; p. 69).

Editing a multisample

About the Multisample Edit screen

Multisample Edit mark
number
Multisample name Tone select

Split point

Current zone
Zone with no sample

Split point to be edited
Zone with sample

Note to be edited

Current note's Key
Sample number and name assigned to the current note
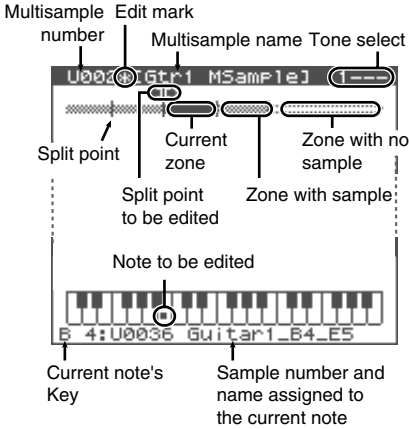
Moving the split point

The "Split Point" is the boundary between zones (p. 14).

1. **In the Multisample Edit screen, press ◀ or ▶ to select the split point.**
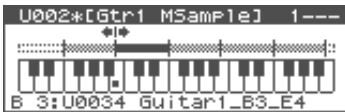
2. **Press [INC] or [DEC] to move the split point.**
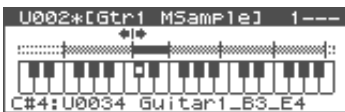
Selecting the notes to edit

1. **Turn the VALUE dial to select the note you want to edit.**

TIP
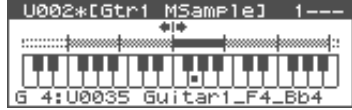
By pressing the VALUE dial as you turn it, you can select a range of multiple notes.

TIP

You can also select a note by playing an external MIDI keyboard. To select a range of multiple notes, hold down the two outer notes of the desired range.

Auditioning a note (Preview)

1. **Turn the VALUE dial to select the note.**

2. **Press the OUTPUT knob.**

   You will hear the sample that's assigned to the note you selected in step 1.
   Press the OUTPUT knob once again to stop the sound.

Changing the multisample assigned to a tone (Multisample List)

Here's how you can change the multisample that's assigned to the current tone.

1. **In the Multisample Edit screen, press [SHIFT] so it lights, and then press ◀.**

    The Multisample List window will open.

    ```
    Multisample List    ENTER
     User              1/2 ▶
      U001 Bass1 MSamp1
    ▶ U002 Gtr1 MSample
      U003 Gtr2 MSample
      U004 Gtr3 MSample
    ```

2. **Press ◀ or ▶ to select the group where the multisample is saved.**

    *   *You can also use [GROUP].*

        USER: User

        CARD: Memory card

3. **Use ▲ or ▼ to select a multisample.**
4. **Press [ENTER].**

Assigning a sample to the selected region (Assign)

1. **In the Multisample Edit screen, select the note(s) where you assign the sample.**

    cf.

    "Selecting the notes to edit" (p. 13)

2. **Press [MENU].**
3. **Use ▲ or ▼ to select "Assign."**
4. **Press [ENTER].**

    Sample Select screen will appear.

    ```
    Sample Select
     User
      0033 Guitar1_F3_Bb3  M
      0034 Guitar1_B3_E4   M
      0035 Guitar1_F4_Bb4  M
      0036 Guitar1_B4_E5   M
    ```
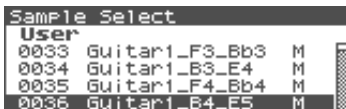
5. **Use ▲ or ▼ to select the sample to be assigned.**
6. **Press [ENTER].**

    To cancel, press [EXIT].

Erasing the data from the selected region of notes (Erase)

1. **In the Multisample Edit screen, select the note(s) to be erased.**

    cf.

    "Selecting the notes to edit" (p. 13)

2. **Press [MENU].**
3. **Use ▲ or ▼ to select "Erase."**
4. **Press [ENTER].**

    The data for the selected region of notes will be erased.

Replacing the sample of the current zone (Sample Select)

A "zone" is a region to which the same sample is assigned. Here's how to assign a sample to the currently selected zone (the "current zone").

1. **In the Multisample Edit screen, press ◀ or ▶ to select the current zone.**

    ```
    U002*[Gtr1 MSample]  1---
                       ◀|▶
    ┃┃┃┃┃┃┃┃┃┃┃┃┃┃┃┃┃┃┃┃┃
    B 4:U0036 Guitar1_B4_E5
    ```
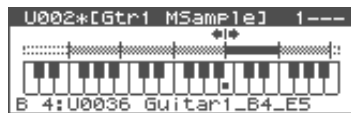
2. **Press [MENU].**
3. **Use ▲ or ▼ to select "Sample Select."**
4. **Press [ENTER].**

    The Sample Select screen will appear.

    ```
    Sample Select
     User
      0032                 R
      0033 Guitar1_F3_Bb3  M
      0034 Guitar1_B3_E4   M
      0035 Guitar1_F4_Bb4  M
    ```

5. **Use ▲ or ▼ to select the sample to be assigned.**
6. **Press [ENTER].**

    To cancel, press [EXIT].

Specify the original key of the sample (Original Key)

Samples you record or import are set so that they will play at their original pitch when you press the C4 note.
In order to correctly match the key of the sample to the keyboard, you must modify the "original key" of the sample.
For example, if you sampled a sound whose pitch was E4, you'll need to change its "original key" setting to E4 so that it will play at its original pitch when you press the E4 note of the keyboard.
Similarly, when you execute Create Multisample, you will need to specify the original key of the samples that make up that multisample, so that they are correct for the keys to which they are assigned.

   * *A sample will not play more than two octaves higher than its original key.*

1. **In the Multisample Edit screen, press ◀ or ▶ select the current zone.**

   ![Multisample edit screen showing U002*[Gtr1 MSample] 1--- and F 3:U0033 Guitar1_F3_Bb3]

2. **Press [SHIFT] so it lights, and then press ▼ .**
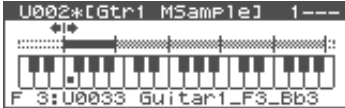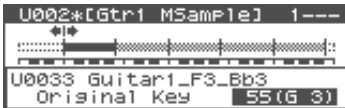
   Or press [ENTER].
   The Original Key window will open.

   ![Original Key window showing U0033 Guitar1_F3_Bb3, Original Key 55(G 3)]

3. **Turn the VALUE dial or press [INC] or [DEC] to change the original key of the sample assigned to the zone.**

4. **Press [EXIT].**

   You'll be returned to the Multisample Edit screen.

5. **Save the sample whose original key you changed.**

   * *For details on saving a sample, refer to "Saving a Sample" (Owner's Manual; p. 131).*

Sorting samples in the order of their original key (Sort)

This operation reassigns all samples currently assigned to the multisample, so that they are placed in the order of their original key setting. (This produces the same result as Create Multisample.)

1. **In the Multisample Edit screen, press [MENU].**

   The Multisample Edit Menu screen will appear.

2. **Use ▲ or ▼ to select "Sort."**

   ![Multisample Edit Menu ENTER, 1:Assign, 2:Erase, 3:Sample Select, 4:Sort]
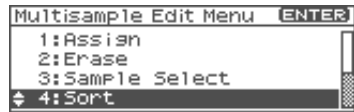
3. **Press [ENTER].**

   A screen will ask you for confirmation.

4. **Press [ENTER].**

   To cancel, press [EXIT].

Returning a multisample to the last-written state (Reload)

Here's how you can return the currently edited multisample to the state in which it was last written.

1. **In the Multisample Edit screen, press [MENU].**

   The Multisample Edit Menu screen will appear.

2. **Use ▲ or ▼ to select "Reload."**
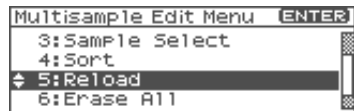
   ![Multisample Edit Menu ENTER, 3:Sample Select, 4:Sort, 5:Reload, 6:Erase All]

3. **Press [ENTER].**

   A screen will ask you for confirmation.

4. **Press [ENTER].**

   To cancel, press [EXIT].

Erasing all notes (Erase All)

Here's how to erase all notes.

1. **In the Multisample Edit screen, press [MENU].**

   The Multisample Edit Menu screen will appear.

2. **Use ▲ or ▼ to select "Erase All."**

   ```
   Multisample Edit Menu   ENTER
    3:Sample Select
    4:Sort
    5:Reload
   ↕ 6:Erase All
   ```
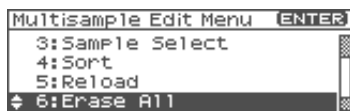
3. **Press [ENTER].**

   A screen will ask you for confirmation.

4. **Press [ENTER].**

   To cancel, press [EXIT].

Opening the Tone Select window (Tone Select)

1. **In the Multisample Edit screen, press [MENU].**

   The Multisample Edit Menu screen will appear.

2. **Use ▲ or ▼ to select "Tone Select."**

   ```
   Multisample Edit Menu   ENTER
    4:Sort
    5:Reload
    6:Erase All
   ▲ 7:Tone Select
   ```

3. **Press [ENTER].**

   The Tone Select window will appear.

   ```
   U002*[Gtr1 MSample]  1---
      ◄│►
   ┄┄┄┄┄┄▄▄▄▄▄▄▄▄▄▄▄┄┄┄┄┄
   ▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬
   Tone Select    ►
        1    2    3    4
   ```
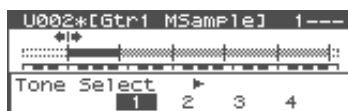
4. **Press ◄ or ► to change the current tone.**

5. **Press [EXIT].**

If you're using "Fantom-X Editor"
If you're using "Fantom-X Editor" you will also be able to use the following editing operations.

- Copy a sample from one note to another note (Copy)
- Move all samples to left or right (Shift)
- Move the data of the current zone to left or right (Move)

Saving a multisample

Once you've edited a multisample, the word "*" appears beside the multisample name. Be aware that if you turn off the power or select another screen when the "*" indication is shown, the changes you made to the multisample will be lost.
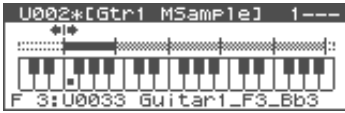
1. **In the Multisample Edit screen, press [SHIFT] so it lights, and then press ▶ .**

   The Multisample Name window will open.
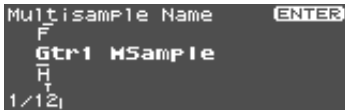
2. **Assign a name to the multisample.**

   * *For details on how to assign a name, refer to "Assigning a Name" (Owner's Manual; p. 39).*

3. **When you've finished inputting a name, press [ENTER].**

   The write-destination group will appear.
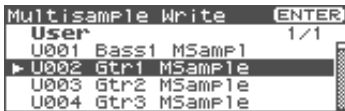
4. **Turn the VALUE dial or use ▲ or ▼ to select the multisample number.**

5. **Press [ENTER].**

   A message will ask you to confirm the Write operation.
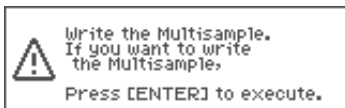
6. **To write the data, press [ENTER].**

   To cancel, press [EXIT].

   NOTE

   Never turn off the power while data is being written.

Sample-related changes

Extended patch groups

You can now select samples (card/user) from the patch list as well (Sample Auto Patch). This allows you to play a sample in a pitched manner just as you would play a normal patch.

The following two groups have been added to the patch groups. If there are samples in memory, sample names will be displayed as patch names.

User Sample (USAM): 1–2000

Samples in user memory can be used as patches.

Card Sample (CSAM): 1–7000

Samples in the memory card can be used as patches.

* *In the Performance Play screen and Performance Part screen, these are shown as User Sample (USM) and Card Sample (CSM).*
* *If there are no samples in memory, this will indicate "Empty."*
* *In the case of a stereo sample, choose the sample number for the L channel. It will play as a stereo patch. (If you choose the sample number for the R channel, "---" will be indicated for it, and it will not be playable.*

Saving a sample auto patch

When you edit and save these patches, they will be saved in the USER or CARD group in the same way as conventional patches.

* *Note that in this case, there will be no sound if you unload (Owner's Manual; p. 121) the sample.*
* *Unsaved samples will be lost when you turn off the power. If you want to keep your sample, be sure to save the sample (Owner's Manual; p. 131).*

Bank Select and Program Change Correspondence Chart

Group	Number	Bank Select		Program Number
		MSB	LSB	
PR-I	001–128	87	72	1–128
USAM	0001–2000	64	0 : 14	1–128
			15	1–80
CSAM	0001–7000	65	0 : 53	1–128
			54	1–88

Newly added sample parameters

The following sample parameters have been added.

cf.
Owner's Manual; p. 123

```
U0001 [User 0001    ]
▲Loop Start Fine     0
 Loop End Fine       0
 Sample Gain        +6
 Sample Fine Tune    0
 Sample Level      127
```

- **Sample Gain**
  This adjusts the gain of the sample, letting you boost the volume if it decreased in the process of sampling.
  Value: 0, +6, +12 [dB]

- **Sample Fine Tune**
  This adjusts the pitch of the sample in steps of one cent (over a range of +/-50 cents).
  Value: -50–+50

  MEMO
  1 cent = 1/100th of a semitone

- **Sample Level**
  This adjusts the volume of the sample.
  Value: 1–127

Changes due to the upgraded editor software

The included "Fantom-X Editor" software has been upgraded, allowing you to use an editor program to edit samples and multisamples.

Newly added PC mode screen

In conjunction with the addition of the sample editor, a PC mode screen has been added to the FANTOM-XR.

When you start up the sample editor, the FANTOM-XR will automatically enter PC mode, and will be inoperable using its own controls. This ensures that operations on your computer and on the FANTOM-XR will not interfere with each other.

When you close the editor on your computer, the FANTOM-XR will exit PC mode and return to the normal screen.

MEMO

The Fantom-XR will also enter PC mode when you execute a Write operation from the librarian (p. 24).

NOTE

When you must exit PC mode due to unavoidable circumstances, such as when your computer has frozen, you can do so by pressing [EXIT]. A screen will ask you for confirmation. Press [ENTER] to force the FANTOM-XR to return to the normal operation screen.

Cautions when using S-700 series sounds with the FANTOM-XR

The new editor adds a Fantom-X Sample Converter, which converts S-700 series patches/partials/samples into a form that can be read by the Fantom-XR. When loading S-700 series files you converted using this converter from your computer via USB into the Fantom-XR, please be aware of the following points.

Before you connect the FANTOM-XR to your computer

In order for S-700 series sound data files converted by Fantom-X Sample Converter to be loaded from your computer via USB, the Fantom-XR must be in Storage mode. The power will be turned off in the course of changing System settings, so make sure that you save any unsaved data before switching to Storage mode. For details on how to make this change, refer to "Switching the Storage Mode and the MIDI Mode" (p. 148) in the Owner's Manual.

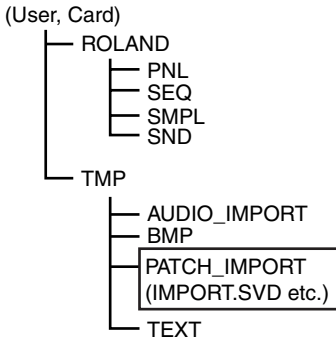* *You don't need to perform this operation when loading data from a card without using the USB.*

NOTE

You must switch the USB mode (Storage mode/MIDI mode) before you connect the FANTOM-XR to your computer.

For details on using USB Storage mode, refer to "Transferring Files to or from Your Computer (Storage Mode)" (p. 149) in the Owner's Manual.

Importing patches and rhythm sets

Here's how patches, rhythm sets, multisamples, and samples placed in the following directory using Fantom-X Sample Converter can be imported into the FANTOM-XR.

```
(User, Card)
    ├── ROLAND
    │       ├── PNL
    │       ├── SEQ
    │       ├── SMPL
    │       └── SND
    └── TMP
            ├── AUDIO_IMPORT
            ├── BMP
            ├── PATCH_IMPORT
            │   (IMPORT.SVD etc.)
            └── TEXT
```

*   *If you used Fantom-X Sample Converter only to convert partials or samples, load them using Import Audio. (Owner's Manual; p. 121)*

*   *If this directory does not exist, use your computer to create it.*

1. **In the Patch Play screen (Owner's Manual; p. 40) or the Performance Play screen (Owner's Manual; p. 84), press [MENU].**

    The Top Menu screen will appear.

2. **Press ▲ or ▼ to select "Utility," and then press [ENTER].**

    The Utility Menu screen will appear.

3. **Press ▲ or ▼ to select "Import Patch/Rhythm," and then press [ENTER].**

    ```
    Utility Menu        ENTER
     1:User Backup
     2:User Restore
    ↕3:Import Patch/Rhythm
     4:Factory Reset
    ```

    The Import Patch/Rhythm screen will appear.

    *   *From this point onward, the screens are shown in "wizard" format to guide you through the process.*

4. **The screen will indicate STEP 1.**

    The FANTOM-XR will check whether there are any files that can be imported. If such files are found, the number of Patches/Rhythm Sets/Multisamples that can be imported from User and/or Card will be displayed. Press [GROUP] to select the group containing the file you want to load.

    USER: User

    CARD: Memory card

    *   *If there is no data that can be loaded, the "Import File Not Found" message will appear.* If neither User nor Card contains data that can be imported, press [EXIT] to cancel the operation, and use Fantom-X Sample Converter to place the appropriate data where needed.

5. **Press [ENTER].**

6. **STEPS 2–4 will appear.**

    Turn the VALUE dial or use [INC][DEC] or ▲ ▼ to select the starting number of the write destination for patch, multisample, and rhythm set respectively. (The user or card data will be overwritten by the imported data.)

    NOTE

    If you specify a high number as the starting number, the imported patches, rhythm sets, and/or multisamples may exceed their maximum numbers, making them impossible to import the remains. In this case the display will indicate "USER 256 - ***" in step 8.

    NOTE

    You can't change the write-destination group (User/Card). It will be the same as the loaded group. Sample data will be assigned automatically to numbers at the write destination.

    MEMO

    If there is no data to import, a screen like the following will appear. Press [ENTER] to proceed.

    ```
    Import Patch/Rhythm  ENTER
    Step 4/7 Dest Rhythm

     No Import Rhythm Set(s)
    ```

7. Press [ENTER].

(MEMO)

You can press [EXIT] to return to the preceding step.

8. STEP 5 will appear.

This screen shows details about the patch being imported.

```
Import Patch/Rhythm
Step 5/7 Confirm
 Patch     : USER 001-003
 Multisample: USER 001-005

 Push [ENTER] to execute.
```

If you are satisfied with what the screen shows, press [ENTER] to begin the import.

(MEMO)

You can press [EXIT] to return to the preceding step.

9. A screen like the following is shown during the import.

```
Import Patch/Rhythm
Step 6/7 Now Importing
```

NOTE

Never turn off the power while data is being imported.

NOTE

If some of the data being imported is missing, the error message "File Not Found" will appear. In this case, delete all of the files in the PATCH_IMPORT folder, and use Fantom-X Sample Converter to replace the data.

10. When the import is completed, you are asked whether you can delete the source files located in the User or Card PATCH_IMPORT directory.

Press [ENTER] to delete the files. (To cancel, press [EXIT].)

* It may take some time for files to be deleted.

(MEMO)

If the Import was successful, there is normally no need to keep the source file.

11. Press [ENTER] to return to the normal screen.

12. Save the sample.

Unlike patches, rhythm sets, and multisamples, samples are not saved automatically when the import procedure finishes. You must save samples as described in "Saving samples (Save All Samples)" (p. 24) of the owner's manual.

* In some cases, an imported patch, rhythm set, or sample may sound differently than when played back on the S-700 series.

Fantom-X Editor System Requirements

If you're using Fantom-X Editor version 2.1 or later, please refer to the following.

System Requirements (Windows)

- **Operating System**
  Microsoft® Windows® 2000 Professional
  Microsoft® Windows® XP

- **CPU/Clock:**
  Pentium®/Celeron® processor 800 MHz or higher

- **Memory (RAM)**
  384 MB or more

- **Hard Disk**
  140 MB or more

- **CD-ROM Drive**
  Built-in CD-ROM drive (IDE)

- **Display/Colors**
  800 x 600 or higher/65,536 colors (16 bit High Color) or more

*   *Microsoft and Windows are registered trademarks of Microsoft Corporation.*

*   *Windows® is known officially as: "Microsoft® Windows® operating system."*

*   *Pentium is a registered trademark of Intel Corporation.*

System Requirements (Mac OS)

- **Operating System**
  Mac OS X 10.2 or later

- **CPU/Clock**
  PowerPC G4 867 MHz or higher

- **Memory (RAM)**
  384 MB or more

- **Hard Disk**
  140 MB or more

- **CD-ROM Drive**
  Built-in CD-ROM drive (IDE)

- **Display/Colors**
  800 x 600 or higher/32,000 colors or more

*   *Apple and Macintosh are registered trademark of Apple Computer, Inc.*

*   *MacOS is a trademark of Apple Computer, Inc.*

About the included USB MIDI driver

The USB driver included on the CD-ROM that comes with this product can be used in MIDI mode with the following operating systems.

Operating System	MIDI Mode
Windows XP/2000 or later	√
Windows 98/98SE/Me	not supported
Mac OS X	√
Mac OS 9	not supported

*   *This may not work correctly with some types of computer.*

Other changes

Changes in the librarian

When using the Fantom-X librarian, you no longer need to manually select Librarian mode.

When Fantom-X Librarian begins to transmit the data, the Fantom-XR will automatically enter PC mode, and will no longer respond to operations performed on its control panel. This ensures that operations on the FANTOM-XR will not conflict with operations on your computer.

```
PC Mode
   PC Mode
```

When you close the librarian on your computer, the FANTOM-XR will automatically exit PC mode and return to the normal operating screen.

NOTE

When you must exit PC mode due to unavoidable circumstances, such as when your computer has frozen, you can do so by pressing [EXIT]. A screen will ask you for confirmation, and you can press [ENTER] to force the FANTOM-XR to return to its normal operating screen.

Newly added DIMM check function

When you power up the FANTOM-XR, it will automatically check whether the DIMM memory (Owner's Manual; p. 170) is operating correctly.

If the DIMM contacts are faulty, a screen like the following will appear.

```
DIMM Error
DIMM Error
Please, power off
        and check DIMM.
```

If this occurs, turn off the power immediately, and re-insert the DIMM memory correctly.

Saving samples (Save All Samples)

To save the samples, proceed as follows.

This procedure will save all samples and multisamples into user memory or a memory card.

1. **In the Sample Edit screen (Owner's Manual; p. 122) or the Sample List screen (Owner's Manual; p. 120), press [MENU].**

   The Sample Utility screen will appear.

2. **Press ▲ or ▼ to select "Save All Samples."**

3. **Press [ENTER].**

   A screen will ask you for confirmation.

4. **Press [ENTER] to execute.**

   To cancel, press [EXIT].

   Samples are automatically overwritten into the same number of the same bank in the sample list. (The same applies to multisamples.)

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