

# MOTIF XS Editor Owner's Manual

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This owner's manual assumes that you are already familiar with basic Windows/Macintosh operations. If you are not, please refer to the owner's manual which came with your Windows/Macintosh software before using the MOTIF XS Editor.

For information about hardware requirements, the interconnection of devices and the installation of the MOTIF XS Editor software, refer to the separate Installation Manual as well as the Owner's Manual for the respective MIDI device.

## What is the MOTIF XS Editor?

MOTIF XS Editor is a convenient tool which lets you edit and save the various parameters of your MOTIF XS synthesizer. These include Common/Part Mixing parameters (edited in the Song or Pattern mode of the MOTIF XS) such as Volume, Pan, EG, and Cutoff and parameters of a Voice assigned to each Part (edited in the Voice mode of the MOTIF XS). Thanks to its the easy-to-understand graphical interface, you can edit various parameters of the MOTIF XS right from your computer—using the mouse to adjust the virtual knobs, sliders, and buttons and entering values from the computer keyboard. Finally, all the changes you have made can be saved to your computer or transmitted to the MOTIF XS instrument.

You can use this MOTIF XS Editor as a plug-in for the software below.

- Studio Manager
- DAW application software compatible with Studio Connections

## Studio Manager

Studio Manager V2 is a cross-platform application that enables you to start multiple Editors for controlling Yamaha hardware products remotely, and to save multiple Editor settings. You can run Studio Manager as a stand-alone application, or as a plug-in within DAW applications compatible with Studio Connections such as Cubase 4.

For more information, refer to the Studio Manager PDF manual.

## Studio Connections



Studio Connections is a joint project begun by Steinberg and Yamaha. Music production systems now increasingly rely on both software and hardware, and there is a pressing need for closer integration between the two. Studio Connections provides a comprehensive and seamless music production environment—making the use of hardware and software both easier and much more efficient. The following functions are available in Studio Connections.

### Recall

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With the Recall function, all settings in each Editor can be saved within Studio Manager, and then called up again when needed. This enables you to recall all the settings of multiple devices from Studio Manager and control the entire system easily, instantly and automatically.

When executing the Recall function in the Studio Manager, the parameter settings of either device (MOTIF XS or DAW software on a computer) are synchronized with the other. You can determine which device (MOTIF XS or DAW software) is regarded as the master of the parameter settings by setting the Auto Sync Setting (page 28).

Recall is especially convenient when used with a DAW application compatible with Studio Connections. This lets you save the Editor data directly to the project file of the DAW letting you recall all necessary hardware settings automatically by simply opening the project file.

## Audio Integration

Plug-in software such as software synthesizers and software samplers are exceptionally convenient in that they let you easily change the various settings and parameters within the host application. However, control over hardware is not so easy—with the need for various setups such as audio connections, driver settings and MIDI port connections.

By using the DAW software compatible with Studio Connections, you can control the external hardware synthesizer within the application, without the need to set up complex connections within a DAW software application—just as easily and conveniently as you would with plug-in software. The Audio Integration function makes all this possible. For details about Recall and Audio Integration, visit our web site at:

<http://www.studioconnections.org/>

## About Open Plug-in Technology

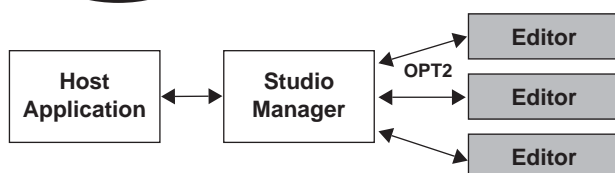
Open Plug-in Technology (OPT) is a software format that enables you to control MIDI devices from a music DAW application software. For example, this allows you to start up and operate various parts of your music system, such as voice editors of the synthesizer and mixing control editors—directly from an OPT-compatible software, without having to use each separately. OPT also makes it unnecessary to set MIDI drivers for each application, streamlining your music production system and making all operations more convenient and seamless.

In addition to the original OPT, Open Plug-in Technology Version 2 (OPT 2), designed for Studio Connections, is also available. The host application Studio Manager supports OPT 2.

### About the OPT 2 Overview



OPT 2 is a plug-in format that enhances OPT Level 1 (Panels) and adds some convenient functions for Studio Connections.



Plug-in software compatible with OPT 2 is indirectly connected to the DAW application compatible with Studio Connection, via the Studio Manager.

## MOTIF XS Editor File

The MOTIF XS Editor lets you create the following data and save them as a single file (extension: X0E).

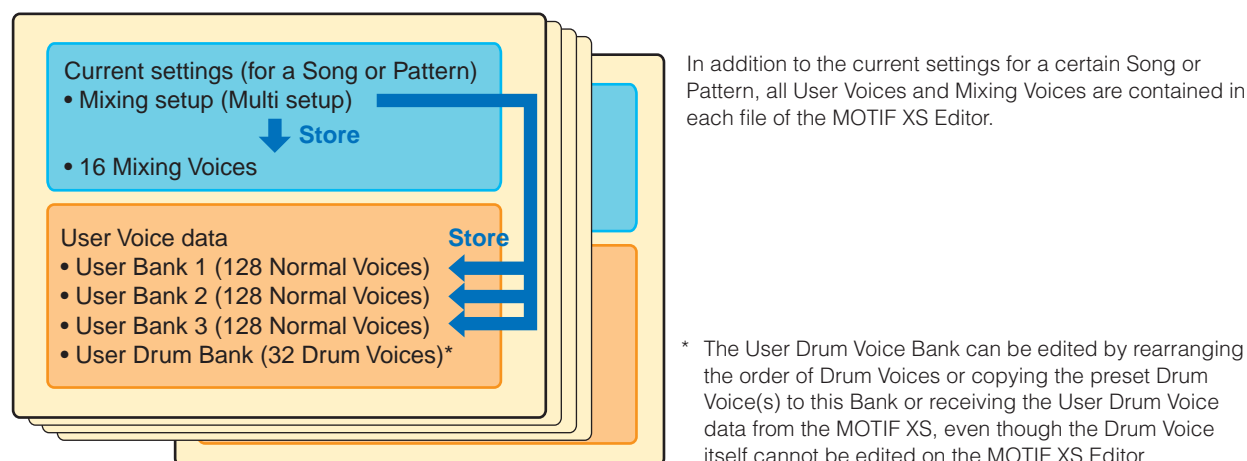
- **Current settings (consisting of Mixing setup, latest status of edited Voice and 16 Mixing Voices)**
- **User Voice data (consisting of three Normal Voice Banks and one Drum Voice Bank)**

Current settings includes the latest settings of the Common and Element parameters for the Voice last assigned to each of Parts 1 – 16, as well as Mixing parameter settings such as Voice assignment, pan, volume and effect for each Part. Among the Voice Banks, only the Mixing Voice Bank data belongs to the Current settings. The MOTIF XS Editor lets you edit parameters (including Element parameters) of the Voice assigned to each Part and save the latest edit status as a file without storing it as a User Voice or a Mixing Voice. This means that you can easily recall the latest status of the previous edit simply by opening the file.

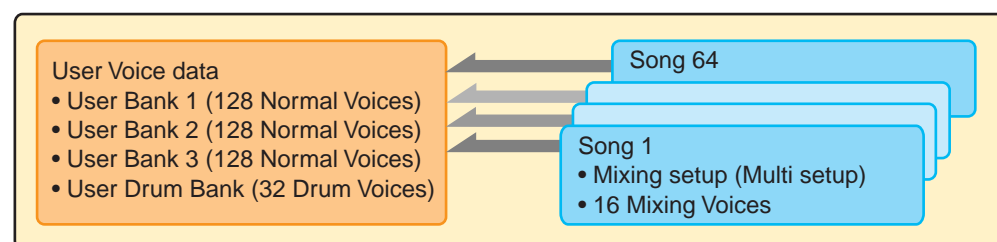
User Voice data has the same Bank structure as that on the MOTIF XS itself. If you store the edited Voice assigned to each Part to one of the Voice Banks, the stored Voice can be saved as a file.

**NOTE** You can edit both the Element and Common parameters of the assigned Normal Voice and store them as a User Normal Voice or Mixing Voice. Keep in mind that Drum Voice parameters cannot be edited even if a Drum Voice is assigned to a Part.

### Memory structure of a MOTIF XS Editor file (extension: .X0E)



### Memory structure of the MOTIF XS



On the MOTIF XS, one set of User Voice data is used in common for all Songs or Patterns, meaning that the Mixing setup for each Song or Pattern does not have its own User Voice data.

# Starting the MOTIF XS Editor

Install the driver (USB-MIDI driver or mLAN driver), Studio Manager and MOTIF XS Editor by following the respective Installation Guides, then install the host application such as Cubase if necessary. After making the required connection and set the MIDI IN/OUT parameter to “USB” or “mLAN” in the Utility mode, follow the instructions below to start the MOTIF XS Editor.

**NOTE** For details about connection between the MOTIF XS and a computer, refer to the Owner's Manual of the MOTIF XS.

**NOTE** Make sure to set the MIDI IN/OUT parameter ([UTILITY] → [F5] Control → [SF2] MIDI) in the Utility mode of the MOTIF XS to the appropriate value. If you are using a USB cable for connection, this parameter should be set to “USB”; if you are using an mLAN cable, this should be set to “mLAN.”

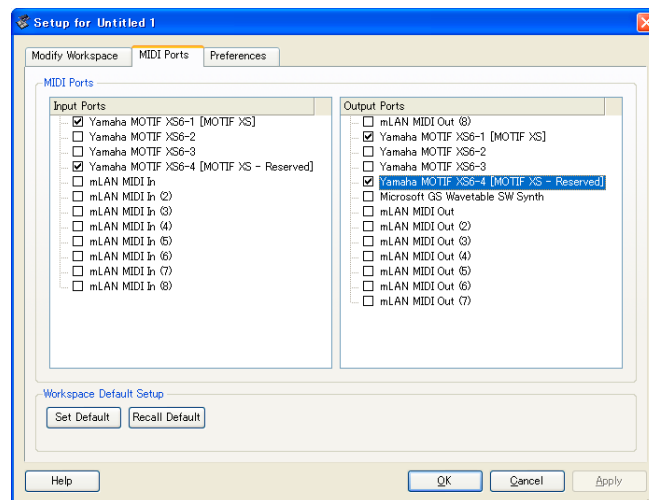
## 1. Start the Studio Manager.

Studio Manager can be started as a plug-in within a Studio Connections-compatible DAW software, or can be started as a stand-alone application.

## 2. Set the MIDI Ports.

### When starting Studio Manager as a stand-alone application:

Set the MIDI Ports by calling up the MIDI Ports window via [File] → [Setup] → [MIDI Ports]. When the connection is done via a USB cable, enter the checkmarks to the boxes of Ports 1 and 4 for the MOTIF XS in both the Input Ports and the Output Ports, as illustrated below. When the connection is done via an IEEE1394 cable, enter the checkmark to the boxes of the Ports corresponding to the mLAN Port 1 of the MOTIF XS in both the Input Ports and the Output Ports.



### When starting Studio Manager as a plug-in of the DAW application:

Set the MIDI Ports on the DAW application. For details, refer to the manual of the DAW application. When connecting the MOTIF XS to a computer via a USB cable, the MIDI Ports are automatically set simply by starting Studio Manager from Cubase 4. This is also true when connecting the MOTIF XS to a computer via an IEEE1394 cable and installing “Extensions for Steinberg DAW” to the computer.

## 3. Start the MOTIF XS Editor from the window of the Studio Manager.

For details, refer to the Installation Guide and the PDF manual of the Studio Manager.

When using Studio Manager as a plug-in with the Audio Integration features of Studio Connections (within a compatible DAW), you can start the MOTIF XS Editor just as you would any other software synthesizer. For details, visit the following web site.

<http://www.studioconnections.org/>

## An Example of MOTIF XS Editor in Use

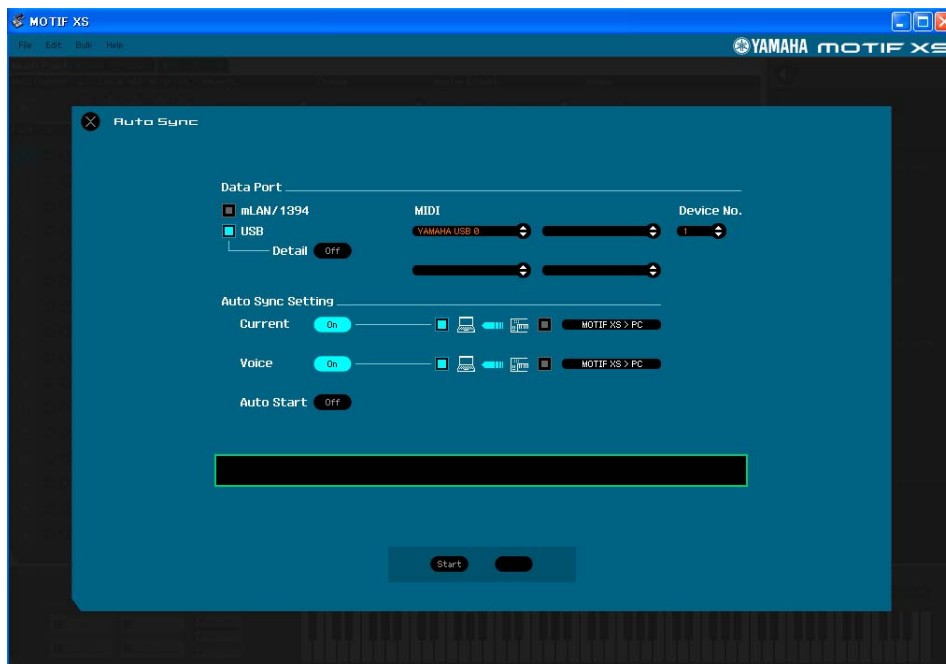
There is no single way to use the many components in the MOTIF XS Editor. Your editing needs and preferences may differ; however, the following example gives you a simple step-by-step guide in how to use the MOTIF XS Editor.

Steps 1 – 4 below cover how to set the MOTIF XS Editor to “ONLINE” status which enables you synchronize the settings on the MOTIF XS instrument with those on the MOTIF XS Editor. Steps 5 – 8 then describe by example specifically how to use this Editor.

1. After starting the MOTIF XS Editor, select “Song” or “Pattern” then click “OFFLINE” to open the Auto Sync window.



2. From the Auto Sync window, set communication-related parameters such as Input Port, Output Port and Device Number in the Data Port section, then set the direction of Data Auto Synchronization (Current and Voice) in the Auto Sync Setting section. When you want to use the settings on the MOTIF XS itself as starting data for editing, set Current and Voice in the Auto Sync Setting so that the arrow indicates data flow from the keyboard to the computer. To use the settings on the MOTIF XS Editor as starting data, set both Current and Voice to the opposite, so that the arrow indicates data flow from the computer to the keyboard. For details, see [page 27](#).





### ⚠ CAUTION

Keep in mind that when you set Voice to On, enable data sync from the computer to the MOTIF XS (keyboard), and then click the [Start] button at the bottom, this operation transmits User Voice data currently on the Editor to the MOTIF XS itself, automatically overwriting and erasing all User Voices already existing on memory of the MOTIF XS instrument, regardless of the currently selected Song or Pattern. Make sure to save the User Voice data on the MOTIF XS instrument to a separate memory device like a USB storage device before using the MOTIF XS Editor.

## 3. On the MOTIF XS, select the desired number of a Song or Pattern to be edited.

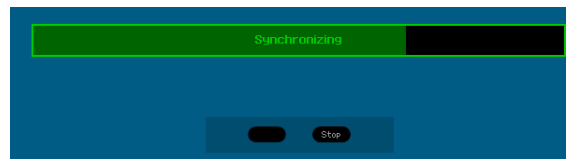
**NOTE** Please keep in mind that you can use the MOTIF XS Editor when the connected MOTIF XS instrument is in the Song mode or Pattern mode. If the MOTIF XS Editor is in the ONLINE status and the MOTIF XS is in any of the other modes such as Voice mode and Performance mode, executing the Auto Sync in step 4 automatically sets the mode to Song or Pattern according to the Multi Part setting (page 10). If you want to change the mode from Song to Pattern and vice versa while editing, set the Multi Part mode (page 10).

### ⚠ CAUTION

Do not change the Song number or Pattern number before saving the current editing as a MOTIF XS Editor file or storing the Song or Pattern data to internal memory of the MOTIF XS. This results in the loss of the settings you've made.

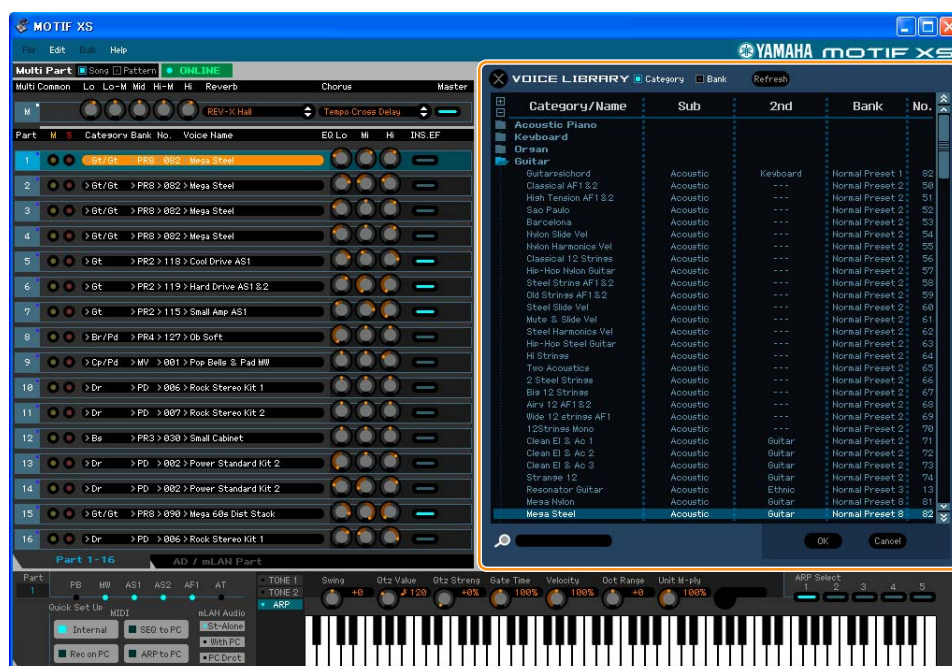
## 4. On the MOTIF XS Editor, click [Start] at the bottom of the Auto Sync window.

The data synchronization will be started if the Port settings are correct. As soon as the data synchronization is completed, the Auto Sync window is closed, then the OFFLINE indication is changed to the ONLINE indication automatically. In this ONLINE status, editing a parameter on the MOTIF XS Editor affects the same parameter on the MOTIF XS itself, and vice versa.



## 5. Select a Voice for each part.

5-1 Click the Bank name or Voice name for each part to call up the VOICE LIBRARY window.



**5-2** From the list in the VOICE LIBRARY, select the desired Voice to assign it temporarily to the current Part.

**NOTE** Here, you can cancel this operation by clicking the Close (X) button or [Cancel] button at bottom right of the window. By executing this operation, the Voice assignment is reset to the original status and the VOICE LIBRARY window closes.

### **CAUTION**

When the Voice assigned to the current Part is changed to the different one, your edits of the Voice previously assigned to the Part will be lost. If you want to store the edits, make sure to store the Voice by using the Store window (page 33) before changing the Voice.

**5-3** Click [OK] at bottom right of the window to actually assign the selected Voice to the current Part and close the VOICE LIBRARY window.

## 6. Edit parameters as desired.

When you click and highlight the “M” box at the top left of the window, you can edit the Mixing Common parameters (page 11) lined up to the right of “M.” When clicking the desired Part number from 1 – 16, you can edit Mixing Part parameters (page 11) lined at right of the Voice name for the selected part. Furthermore, you can make detailed settings of the selected Part by clicking the arrow button at the top of the right panel next to the main window to call up the Detailed Parameter section. For details, see page 18.

**NOTE** Only the Mixing related parameters can be edited when a Drum Voice is assigned to the current Part, while the Voice Element parameters as well as Mixing parameters can be edited when a Normal Voice is assigned to the current Part.





## 7. Store the edited settings as a User Voice or a Mixing Voice, as necessary.

**NOTE** Only Normal Voices can be stored; Drum Voices cannot be stored.

**7-1** Click [Store] under [Edit] in the menu bar to open the Store window (page 33).

**7-2** Select a Voice Bank from the following list:

- Normal User 1
- Normal User 2
- Normal User 3
- Mixing

**7-3** Open the selected Bank, select the desired number as destination, then enter the name of the Voice in the box at the top of this window.

**7-4** Click [Store] to store the edited Voice to the selected number in the selected Bank.

### **CAUTION**

When you execute the Store operation, the settings for the destination memory will be overwritten. Select the destination Voice number carefully to prevent important data from being erased accidentally.



## 8. Save the edited data.

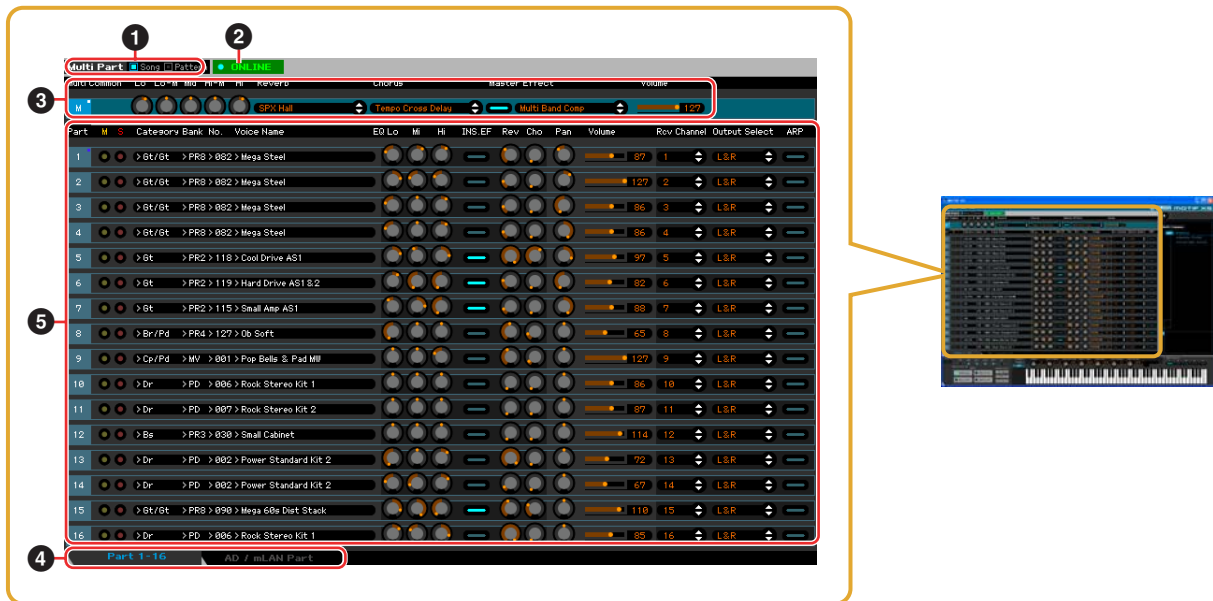
Click [Save] or [Save As] under [File] in the menu bar then save the edited data as a file (extension: .X0E). When you want to use the edited data, open the saved file, click [Data Sync] under [Bulk] in the menu bar to open the Data Sync window (page 35), then execute the Transmit operation.

- When starting the MOTIF XS Editor from Studio Manager, you can save the MOTIF XS Editor data into the Session file of Studio Manager.
- When using DAW (digital audio workstation) software compatible with Studio Connections and the Studio Manager together, the MOTIF XS Editor data can be saved into the Project file of the DAW.

# MOTIF XS Editor Window

## Mixer section

This section lets you edit the Mixing parameters.



### 1 Multi Part mode

Determines the mode of the MOTIF XS, Song or Pattern. As soon as “Song” or “Pattern” is selected here, the mode of the MOTIF XS instrument changes accordingly and the Auto Sync window (page 36) opens. After setting parameters as necessary on this window, click [Start] to execute data synchronization between the MOTIF XS Editor and the MOTIF XS instrument.

### 2 ONLINE/OFFLINE

Clicking this switches the status of the Editor between “ONLINE” and “OFFLINE.” When “ONLINE” is indicated, the edited status is completely synchronized between the MOTIF XS Editor and the MOTIF XS instrument, meaning that editing a parameter on the MOTIF XS Editor affects the same parameter on the MOTIF XS instrument and vice versa. When OFFLINE is selected, editing on the MOTIF XS Editor will not affect the MOTIF XS instrument and vice versa even if the MOTIF XS instrument is connected to a computer.

Note that the indication here is automatically changed according to the status of communication between the MOTIF XS Editor and the MOTIF XS instrument. For example, the ONLINE status is changed to OFFLINE status automatically when the cable is disconnected accidentally.

#### 1 ONLINE

Indicates that the current status is set to ONLINE. Clicking this calls up OFFLINE (2) described below. Keep in mind that ONLINE indication cannot be called up when the MIDI Port is not set properly or the MOTIF XS instrument is not properly connected to a computer.

#### 2 OFFLINE

This OFFLINE indication shows that the MIDI Port is set properly and the MOTIF XS is properly connected to a computer. Clicking this calls up the Auto Sync window. From the Auto Sync window, you can synchronize the settings between the MOTIF XS Editor and the MOTIF XS by clicking the [Start] button. As soon as data synchronization is completed, the Auto Sync window is closed and the status of the Editor changes from OFFLINE to ONLINE.

**NOTE** When both the Current and Voice settings are set to “Off” and Auto Start is set to “On” in the Auto Sync window, clicking here changes the Editor status from OFFLINE to ONLINE without opening the Auto Sync window.

**3 OFFLINE**

This OFFLINE indication shows that the MIDI Port is not set properly or the MOTIF XS instrument is not connected to a computer properly. Clicking this calls up the Auto Sync window. After making sure to connect the MOTIF XS instrument to a computer, set the MIDI Port properly then click [Start] button in the Auto Sync window to execute data synchronization between the MOTIF XS Editor and the MOTIF XS instrument. As soon as data synchronization is completed, the Auto Sync window is closed and the status of the Editor is changed from OFFLINE to ONLINE.

**3 Multi Common**

This control strip lets you edit the Mixing Common parameters for all Parts. Clicking “M” turns this section on as illustrated below.

**NOTE** When editing any of the Mixing parameters described below or any of the Mixing Part parameters, a small square appears at the top right of the “M” box until you save the edited data as a file. This indication is equivalent to the white [E] indicator (page 18).



**Lo, Lo-M, Mid, Hi-M, Hi (Master EQ)**

Edits the Master EQ parameters.

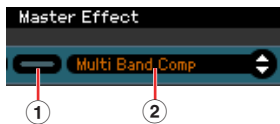
**Reverb**

Selects the Reverb type.

**Chorus**

Selects the Chorus type.

**Master Effect**



- ① Turns the Master Effect on or off.
- ② Selects the Master Effect type.

**Level (Master Volume Level)**

Adjusts the Master Volume Level.

**4 [Parts 1 – 16]/[AD/mLAN Parts] tab**

Selects the Parts to be edited from [Parts 1 – 16] and [AD/mLAN Parts]. The illustration below indicates that the [Parts 1 – 16] tab is active.



**5 Part**

**When [Parts 1 – 16] is selected:**

This section lets you edit parameters for each Part. Clicking any of 1 – 16 turns the corresponding Part on. In the example illustration below, that Part 1 is active.

**NOTE** When editing any of the Voice parameters such as Element parameters for each Part, a small square appears at the top right of the “1” - “16” box until you store the edited Voice as a User Voice or Mixing Voice or you save the edited data as a file. This indication is equivalent to the blue [E] indicator (page 18).

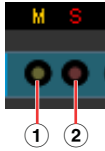


## Part (Part number)

Indicates the Part number. Clicking here turns the corresponding Part on.

**NOTE** Even if the Editor is in the ONLINE status, selecting a Part number on the Editor will not change a Part number on the MOTIF XS and vice versa. When you want to match the Part number of the MOTIF XS with the one in the Editor, change the Part number via the panel controls of the MOTIF XS.

## Mute/Solo



### ① Mute

Sets the Mute status for each Part. Clicking “M” here changes the Mute status for all Parts simultaneously.

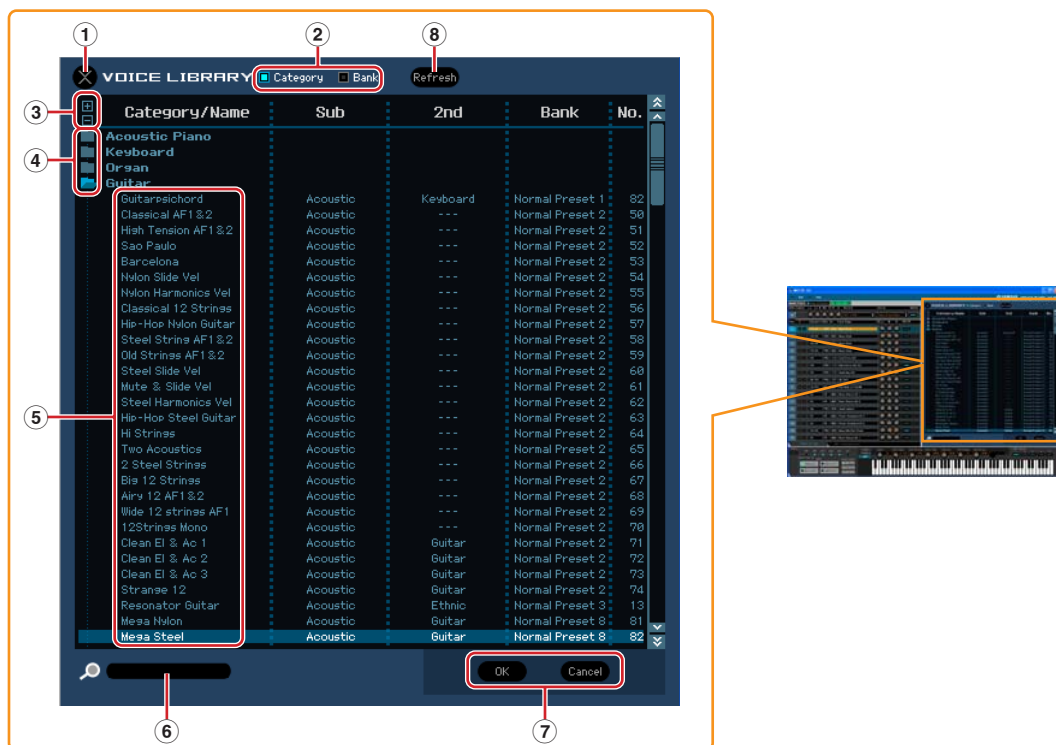
### ② Solo

Selects the Solo part. Only one Part can be soloed at a time.

## Category, Bank No. and Voice Name

Indicates the Category Bank and name of the Voice assigned to each Part. When clicking here, the VOICE LIBRARY window appears at the right half section, letting you select a different Voice for the current Part.

### VOICE LIBRARY window



### ① Close button

Click this to close this window without applying the changes to the MOTIF XS Editor.

### ② [Category]/[Bank] checkboxes

Click either of these boxes to determine whether the Voices listed here are divided into Category folders or Bank folders.

### ③ [+]/[-] buttons

Click the [+] button to open all the folders so that all Voices appear in all folders. Click the [-] button to close all folders.

**④ Folder (Category or Bank)**

Click each folder to open or close it.

**⑤ Voices**

Indicates the Voices included in the folder. When clicking a Voice, the selected Voice is temporarily assigned to the current Part. When double clicking a Voice, the selected Voice is actually assigned to the current Part and this window closes.

You can also copy the Preset Voice(s) and User Voice(s) from the original location to any location in the User Bank by dragging-and-dropping the Voice(s). In the User Bank, you can rearrange the Voices by dragging-and-dropping the Voice(s) to a new location.

**NOTE** Selecting, copying, pasting or dragging-and-dropping multiple Voices is done in the same way as normal on your computer OS.

**HINT** You can audition each of the Voices in order by using the <↑>/<↓> (Up/Down) key of a computer while playing the keyboard of the MOTIF XS after matching the Part number of the MOTIF XS with the one in the Editor.

**NOTE** By right-clicking this section and selecting a menu, you can use the following functions.

- Opening/closing all the folders
- Determining whether the Voices listed here are divided into Category folders or Bank folders.
- Copying/pasting
- Changing the Voice name

**⑥ Search Box**

You can search for your desired Voice by inputting a keyword here.

**⑦ [OK]/[Cancel] buttons**

Click the [OK] button to apply the settings and close this window. Click the [Cancel] button to quit without applying the settings.

**⑧ Refresh**

When the VOICE LIBRARY is shown in the Editor and you store the Voice(s) on the MOTIF XS itself, the name(s) of the Voice(s) in the VOICE LIBRARY may be different from the Voice name(s) on the MOTIF XS. If this happens, click this button to update the Voice names of the VOICE LIBRARY.

**EQ Lo, Mi, Hi (Part EQ)**

Adjusts the equalizer settings for each Part.

**INS. EF (Insertion Effect Switch)**

Switches the Insertion Effect on or off.

**NOTE** Insertion Effects can be applied up to eight Parts.

**Rev, Cho, Pan (Reverb, Chorus, Pan)**

Adjusts the Reverb Send level, Chorus Send level and stereo Pan position for each Part by using the knob icons.

**Volume**

Adjusts the Volume for each Part.

**Rcv Channel (Receive Channel)**

Determines the MIDI Receive Channel for each Part.

**Output Select**

Determines the specific output(s) for the individual Part. The following settings are available.

LCD	Output jacks	Stereo/Mono
L&R	OUTPUT L and R	Stereo
asL&R	ASSIGNABLE OUTPUT L and R	Stereo
m1&2	mLAN OUTPUT 1 and 2	Stereo (1: L, 2: R)

LCD	Output jacks	Stereo/Mono
m3&4	mLAN OUTPUT 3 and 4	Stereo (3: L, 4: R)
m5&6	mLAN OUTPUT 5 and 6	Stereo (5: L, 6: R)
m7&8	mLAN OUTPUT 7 and 8	Stereo (7: L, 8: R)
m9&10	mLAN OUTPUT 9 and 10	Stereo (9: L, 10: R)
m11&12	mLAN OUTPUT 11 and 12	Stereo (11: L, 12: R)
m13&14	mLAN OUTPUT 13 and 14	Stereo (13: L, 14: R)
asL	ASSIGNABLE OUTPUT L	Mono
asR	ASSIGNABLE OUTPUT R	Mono
m1	mLAN OUTPUT 1	Mono
:	:	:
m14	mLAN OUTPUT 14	Mono
drum	See below*	See below*

\* When a Normal Voice is assigned to the edited Part, this value is indicated as “L&R (dr)” and the sound will be output via the OUTPUT L and R jacks in stereo. When a Drum Voice is assigned to the edited Part, this value is indicated as “drum” and the sound will be output via the jacks set in the Drum Key Edit display as the Output Select parameter on the MOTIF XS.

**NOTE** Depending on the setting of the Quick Setup (page 21), the audio signal of Parts which are set to “L&R” or “m1” – “m14” or “m1&2” – “m13&14” will be output via the OUTPUT L/R jack as well as mLAN.

## Arpeggio

Turns Arpeggio playback on or off for each Part.

### When [AD/mLAN Part] is selected:

This section lets you edit parameters for AD Part or mLAN Part. Clicking any of Parts turns the corresponding Part on.



### INS. EF (Insertion Effect Switch)

Switches the Insertion Effect on or off. This parameter is not available for the mLAN Part.

### Rev, Cho, Pan (Reverb, Chorus, Pan)

Adjusts the Reverb Send level, Chorus Send level and stereo Pan position for each Part by using the knob icons.

### Volume

Adjusts the Volume for each Part.

### Rcv Channel (Receive Channel)


Determines the MIDI Receive Channel for each Part.

### Output Select

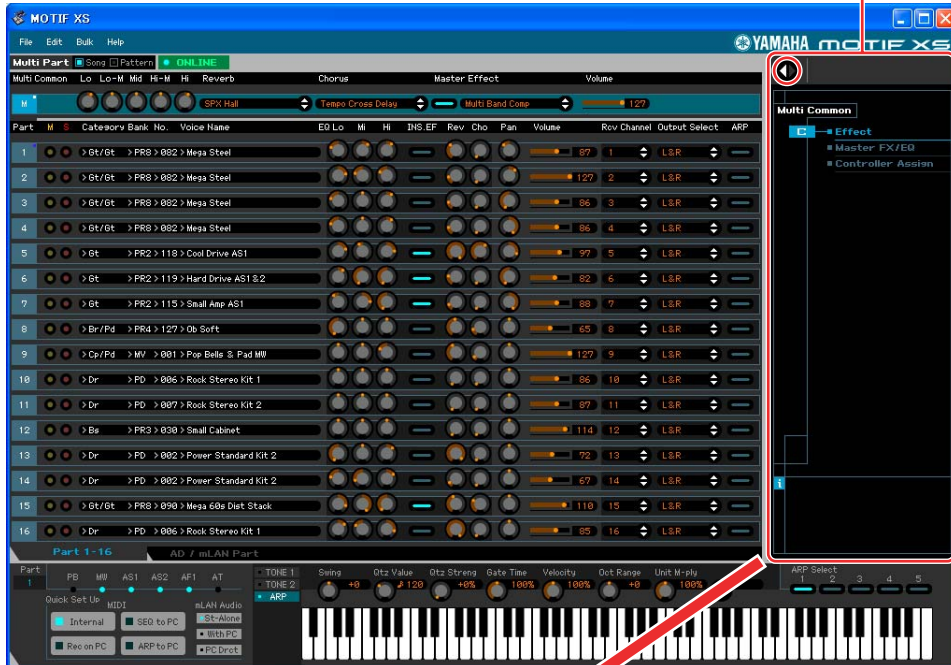
Determines the specific output(s) for the individual Part. The available settings are the same as those of Parts 1 – 16.



## Parameter Category section

You can edit detailed parameters for the current Part by clicking the  button (located near the top right of the window, just below the YAMAHA logo) to call up the Detailed Parameter section. Calling up the Detailed Parameter section moves the Parameter Category Section from the right end near the center as shown below.

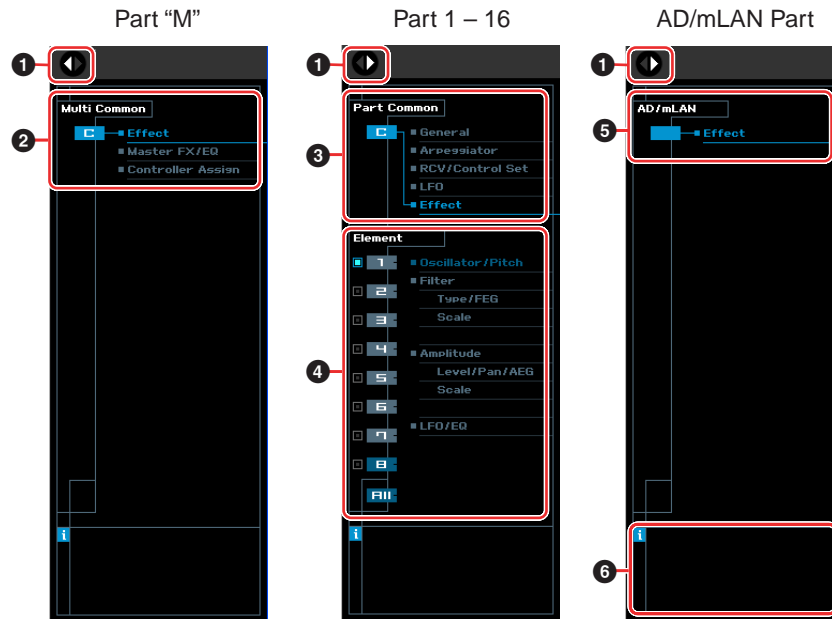
Parameter Category section



Parameter Category section

Detailed Parameter section

The indicated categories in the Parameter Category section differs depending on the selected Part type: M, Part 1 – 16, or AD/mLAN Part. Clicking each of Categories calls up the corresponding parameters in the Detailed Parameter section.



### 1 Open/Close button



This button opens/closes the Detailed Parameter section. When only the left arrow is indicated in white, the Detailed Parameter section is hidden and you can call it up by clicking here. When only the right arrow is indicated in white, the Detailed Parameter section is shown on the display meaning that you can edit the displayed parameters. The Detailed Parameter section can be closed by clicking this button.

You can also conveniently open and close the Detailed Parameter window from your computer keyboard. Hold down the <Ctrl> key and simultaneously press the left arrow (←) key to open the window, or hold <Ctrl> and press the right arrow (→) key to close it.

### 2 Multi Common

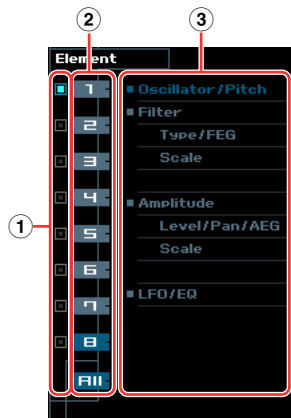
This is shown when “M” is selected in the Mixer section. Clicking each of the parameter categories calls up the corresponding Mixing Common parameters in the Detailed Parameter section.

### 3 Part Common

This is shown when one of Parts 1 – 16 is selected in the Mixer section. Clicking each of the parameter categories calls up the corresponding Common parameters of the Voice/Part in the Detailed Parameter section.

#### 4 Element

This is shown when one of Parts 1 – 16 is selected in the Mixer section. Clicking the Element number (from 1 – 16) then each of the parameter categories calls up the corresponding Element parameters in the Detailed Parameter section. Keep in mind that this section is not available when a Drum Voice is assigned to the current Part.



##### ① Checkboxes

Turns each Element on or off.

##### ② [1] – [8], [All] buttons

Selects the Element to be edited. When [All] is selected, the Element Quick Setting window appears in the Detailed Parameter section. This window conveniently lets you edit frequently-used Element parameters of all Elements in a single window.

##### ③ Parameter categories

Indicates the categories of Element parameters. Clicking each of categories calls up the corresponding Element parameters in the Detailed Parameter section.

#### 5 AD/mLAN

This is shown when one of AD and mLAN Part is selected in the Mixer section. The Detailed Parameter section shows the Effect-related parameters.

#### 6 *i* (Information)

Indicates information about the parameter at the cursor arrow position. To view the information for a desired parameter, mouse-over the knob, slider or setting for that parameter. You can switch this Information feature on or off by clicking the “*i*” box.

## Detailed Parameter section

This section indicates the detailed parameters of the selected category for the current Part and the Voice assigned to the current Part.



The [E] (Edit) indicator in white appears at top right of the window when any parameter of the Mixing setup is edited, while the [E] indicator in blue appears next to the white [E] indicator when any parameter of the Voice assigned to the current Part. The white [E] indicator means that the current Mixing setup has been modified but not yet saved as a file. The blue [E] means that the current Voice has been modified but not yet stored to a User Bank or saved as a file.

**NOTE** The white [E] indicator is equivalent to the small square at the top right of the “M” box in the Mixer section. The blue [E] indicator is equivalent to the small square at the top right of the “1” – “16” box.

### Multi Common Effect

Clicking “M” at top left of the window then clicking “Effect” in the Parameter Category section calls up the EFFECT window. This window lets you edit the Effect-related parameters common to all Mixing Parts.

### Multi Common Master FX/EQ

Clicking “M” at top left of the window then clicking “Master FX/EQ” in the Parameter Category section calls up the FX/EQ window. This window lets you edit the Master Effect parameters and the Master EQ parameters.

### Multi Common Controller Assign

Clicking “M” at top left of the window then clicking “Controller Assign” in the Parameter Category section calls up the CONTROLLER ASSIGN window. This window lets you edit assign MIDI Control Change Numbers to the controllers and knobs on the front panel of the MOTIF XS for the current Mixing.

### Part Common General

Clicking any of 1 – 16 at left of the window then clicking “General” in the Parameter Category section calls up the GENERAL window. This window lets you edit the Voice Common parameters such as naming and the Mixing Part parameters such as Pitch, Portamento, Note/Velocity Limit and Part EQ.

In the Part Common General section, both the Mixing Part parameters and Voice Common parameters can be edited. To distinguish between them, a small dot is shown at the immediate left of parameters of the Mixing Part.

### **Part Common ARP**

Clicking any of 1 – 16 at left of the window then clicking “ARP” in the Parameter Category section calls up the ARPEGGIO window. This window lets you edit the Arpeggio-related parameters for the current Part. Just like the Mixing mode on the MOTIF XS itself, you can edit parameters for five Arpeggio types. In “Each Select Parameters” section at the middle of this window, you can select an Arpeggio Type by calling up the ARP LIBRARY window.

### **Part Common RCV/Control Set**

Clicking any of 1 – 16 at left of the window then clicking “RCV/Control Set” in the Parameter Category section calls up the RCV/CONTROLLER SET ASSIGN window. This window lets you edit the Receive Switch parameters for the current Part and the Controller Set Assign parameters for the current Part and the Voice.

### **Part Common LFO**

Clicking any of 1 – 16 at left of the window then clicking “LFO” in the Parameter Category section calls up the LFO window. This window lets you edit the LFO-related parameters for the current Part and the Voice.

### **Part Common Effect**

Clicking any of 1 – 16 at left of the window then clicking “Effect” in the Parameter Category section calls up the EFFECT window. This window lets you edit the Effect-related parameters for the current Part and the Voice.

### **Element Oscillator/Pitch**

Clicking any of 1 – 16 at left of the window then clicking “Oscillator” in the Parameter Category section calls up the OSCILLATOR/PITCH window. This window lets you edit the parameters related to the Oscillator and Pitch for the selected Element of the Voice assigned to the current Part.

### **Element Filter Type/FEG**

Clicking any of 1 – 16 at left of the window then clicking “Type/FEG” in the Parameter Category section calls up the FILTER window. This window lets you select a Filter Type and set the FEG parameters for the selected Element of the Voice assigned to the current Part.

### **Element Filter Scale**

Clicking any of 1 – 16 at left of the window then clicking “Scale” in the Parameter Category section calls up a different FILTER window (from Filter Type/FEG above). This window lets you Filter Scale parameters for the selected Element of the Voice assigned to the current Part.

### **Element Amplitude Level/Pan/AEG**

Clicking any of 1 – 16 at left of the window then clicking “Level/Pan/AEG” in the Parameter Category section calls up the AMP window. This window lets you edit the parameters related to the Level, Pan and AEG (Amplitude Envelope Generator) for the selected Element of the Voice assigned to the current Part.

### **Element Amplitude Scale**

Clicking any of 1 – 16 at left of the window then clicking “Scale” in the Parameter Category section calls up a different AMP window (from Amplitude Level/Pan/AEG above). This window lets you edit the parameters related to the Amplitude Scale for the selected Element of the Voice assigned to the current Part.

### **Element LFO/EQ**

Clicking any of 1 – 16 at left of the window then clicking “LFO/EQ” in the Parameter Category section calls up the LFO/EQ window. This window lets you edit the parameters related to the LFO/EQ for the selected Element of the Voice assigned to the current Part.

### **AD/mLAN Effect**

Clicking “AD” or “mLAN” at left of the window then clicking “Effect” in the Parameter Category section calls up the EFFECT window. This window lets you edit the Effect-related parameters for the AD Input Part or mLAN Part. Keep in mind that the Insertion Effect Switch parameter is not available when “mLAN” is selected.

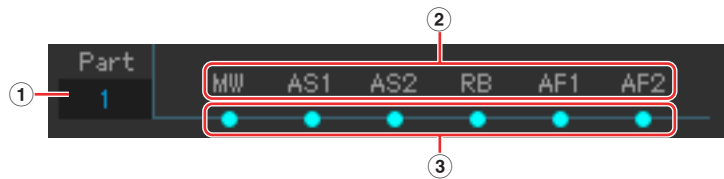


## Bottom section



### 1 Controller Set status

This section indicates which controller on the MOTIF XS instrument is used as the Control Source of the Controller Set edited in the RCV/CONTROLLER SET ASSIGN window.



#### 1 Part

Indicates the current Part.

#### 2 Control Source (Controller)

Indicates the six controllers as source of the Controller Set. The abbreviations for the Controllers are as follows:

Indication	Control Source
PB	Pitch Bend Wheel
MW	Modulation Wheel
AT	After Touch (keyboard)
FC	Foot Controller
FS	Foot Switch
RB	Ribbon Controller

Indication	Control Source
BC	Breath Controller
AS1	ASSIGN 1 knob
AS2	ASSIGN 2 knob
FC2	Foot Controller 2
AF1	ASSIGNABLE FUNCTION 1 button
AF2	ASSIGNABLE FUNCTION 2 button

#### 3 On/Off Status

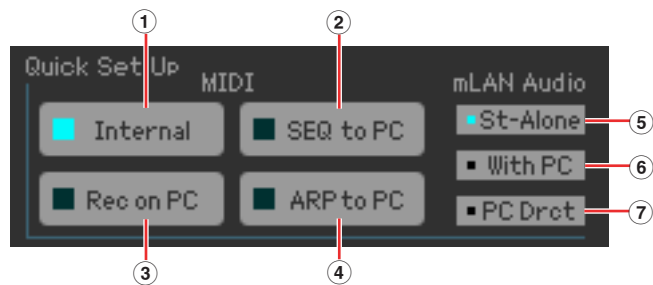
When a lamp is turned on, a certain function (Destination) is assigned to the corresponding Source (controller). When a lamp is turned off, no function (Destination) is assigned to the corresponding Source (controller).



## 2 Quick Setup

From this section, you can instantly call up appropriate panel settings for the Song or Pattern mode of the MOTIF XS instrument by clicking a convenient preset setup.

**NOTE** The settings of the MOTIF XS instrument made via the operation here cannot be saved as an Editor file.



### MIDI

The following setups are equivalent to those in Quick Setup in the Utility mode of the MOTIF XS.

#### 1 Internal

This setup is useful when you use the sequencer function (Song or Pattern) on the MOTIF XS instrument alone (without a computer).

#### 2 SEQ to PC

This setup is useful when you transmit the Song or Pattern playback data to a connected computer and record it to a DAW application software on the computer.

#### 3 REC on PC

This setup is useful when you record your keyboard performance on the MOTIF XS to a DAW application software on the connected computer.

#### 4 ARP to PC

This setup is useful when you transmit the Arpeggio playback data on the MOTIF XS instrument to a connected computer and record it to a DAW application software on the computer.

### mLAN Audio

The following setups are equivalent to the mLAN Monitor Setup in the Utility mode of the MOTIF XS.

#### 5 St-Alone (stand alone)

This should be selected when you are using the MOTIF XS alone or are not using the DAW software even with a computer connected to the MOTIF XS via an IEEE1394 cable. When this is selected, the audio signal of the MOTIF XS (only Parts which are set to "L&R" as the Output Select parameter) will be output directly via the OUTPUT L/MONO and R jacks normally.

#### 6 With PC

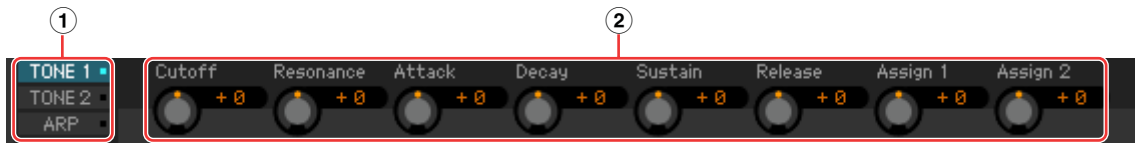
This should be selected when you are using the MOTIF XS as an audio device with the DAW software. When this is selected, the audio signal of the MOTIF XS (only Parts which are set to "L&R" as the Output Select parameter) will be output to the DAW software on a computer via an IEEE1394 cable, merged and mixed with the DAW sound, returned back to the MOTIF XS, then output via the OUTPUT L/MONO and R jacks. Selecting this allows you to apply VST Effects within the DAW software to the MOTIF XS sound.

#### 7 PC Drct (Direct Monitor)

This should be selected when recording your keyboard performance on the MOTIF XS instrument to the DAW software on the computer. The audio signal of the MOTIF XS (only Parts which are set to "m1" – "m14" or "m1&2" – "13&14" as the Output Select parameter) will be output directly also via the OUTPUT L/MONO and R jacks with the audio signal sent from the DAW software via an IEEE1394 cable. Keep in mind that the Rec Monitor of the DAW software should be set to "off" in order to prevent "double" sound from occurring.

### 3 Quick Edit Knob

This section lets you adjust various parameters assigned to the Knobs on the front panel of the MOTIF XS instrument.



#### 1 TONE 1/TONE 2/ARP

Selects the set of functions assigned to the eight knobs. The functions shown above each of the knobs are same as those printed on the front panel of the MOTIF XS.

#### 2 Knob 1 – 8

You can click each of the eight knobs to adjust the value of the assigned function.

### 4 ARP Select

Allows you to change the Arpeggio related setup. This is the same as the [SF1] ARP1 – [SF5] ARP5 buttons on the front panel below the LCD display of the MOTIF XS.

### 5 Keyboard

Allows you to audition the edited sound.

**NOTE** The velocity when clicking a key is determined by the setting of the Keyboard Velocity parameter (page 30).

## Basic Operations

This section covers basic operations of the MOTIF XS Editor.

### Naming a Voice

You can assign an original name of your choice to the edited Voice on the VOICE LIBRARY window, GENERAL window in the Part Common General, and the Store window.

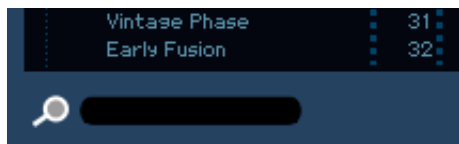
From the VOICE LIBRARY window (page 12), select a User Voice or Mixing Voice then click the selected Voice so that you can edit the name. After editing the Voice name, pressing the <Enter> key or locating the cursor to another parameter finalizes the edited name while pressing the <Esc> key aborts it.

Normal User 1				
Initialized Voice	1	Acoustic Piano	Acoustic	---
Initialized Voice	2	Acoustic Piano	Acoustic	---
Initialized Voice	3	No Assian	No Assian	---

From the GENERAL window (page 18) and Store window (page 33), locate the cursor in the text box of "Voice Name" at the top of this window, then edit the name in the text box as desired. After editing, pressing the <Enter> key or locating the cursor to another parameter finalizes the edited name while pressing the <Esc> key aborts it.

Voice Name: **Full Concert Grand**

### Searching for a Voice/Arpeggio Type



You can search for the desired Voice on the VOICE LIBRARY window (page 12) just by inputting a Voice name in the text box at the bottom of this window. Likewise, you can search for the desired Arpeggio Type on the ARP LIBRARY window called up from the ARPEGGIO window (page 19) just by inputting an Arpeggio Type name at the bottom of this window.

### Inputting a numerical value

127

When double clicking a value box like that shown above, the value box can be edited and you can input a numerical value directly by using numeric keys. After editing, pressing the <Enter> key or locating the cursor to another parameter finalizes the value while pressing the <Esc> key aborts it.

You can edit the value also by using the Cursor key or <Page Up>/<Page Down> key while holding the mouse button on the value box. Dropping the mouse finalizes the edited value.

In Windows, to reset the value to its default, simultaneously hold down the <Ctrl> key and click on the value box. On the Macintosh, to reset the value to its default, simultaneously hold down the Command key and click on the value box.

**NOTE** For certain parameters, the value can be edited only by using the mouse and cannot be input directly by using numeric keys.

## Selecting a value



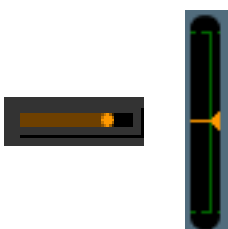
Clicking inside the value box like the above illustration calls up the list box, from which you can select the desired value. You can also select the value also by clicking the arrow icon at right end of this box.

## Using a knob icon



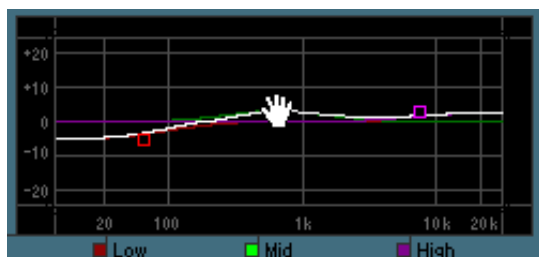
Dragging or clicking the knob like that shown above changes the value of the corresponding parameter. After clicking this, you can edit the value by using the Cursor key or <Page Up>/<Page Down> key. The specific operation of the knob is determined by the settings of the Knob Guide parameter and Knob Mouse Control parameter in the Setup window (page 27). In Windows, to reset the value to its default, simultaneously hold down the <Ctrl> key and click on the knob. On the Macintosh, to reset the value to its default, simultaneously hold down the Command key and click on the knob.

## Using a slider icon



Dragging or clicking the slider like that shown above changes the value of the corresponding parameter. After clicking this icon, you can edit the value by using the Cursor key or <Page Up>/<Page Down> key. The specific operation of the slider is determined by the setting of the Slider Mouse Control parameter in the Setup window (page 27). In Windows, to reset the value to its default, simultaneously hold down the <Ctrl> key and click on the slider. On the Macintosh, to reset the value to its default, simultaneously hold down the Command key and click on the slider.

## Using a graph



Dragging one of the boxes in the graph (as shown above) changes the value of the corresponding parameter.

In Windows, simultaneously hold down the <Ctrl> key and click on the box to reset the corresponding value to the default setting. Simultaneously hold down the <Ctrl> key and click on any section in the graph (other than one of the boxes) to reset the entire graph and its values to the default setting. On the Macintosh, simultaneously hold down the Command key and click on the box to reset the corresponding value to the default setting. Simultaneously hold down the Command key and click on any section in the graph (other than one of the boxes) to reset the entire graph and its values to the default setting.

# Menu

## [File] menu



### New

Creates and opens a new file containing the default Mixing setup and Normal Voice data.

**NOTE** User Voice data is maintained in current memory even if a new file is opened.

### Open...

Opens an already saved file of the MOTIF XS Editor. The following file types can be selected and opened.

- MOTIF XS Editor file (.X0E)
- MO6/MO8 Multi Part Editor file (.M2E)
- MOTIF ES6/7/8 Multi Part Editor (.M4E)
- “All Song” file saved in the File mode of the MOTIF XS (.X0S)

### **CAUTION**

Unlike files of other applications such as word processors, only a single file can be opened and edited on the MOTIF XS Editor. Before opening a new file, make sure to save the edited settings as a file to avoid losing data.

### Save

Saves the current settings by overwriting the current file.

### Save As...

Saves the current settings as a MOTIF XS Editor file (.X0E) under a new or different name.

### Import

Imports the Voice data (a specific Voice in a specific folder or all Voices in a specific folder) from a different file to the current file.

Click the File Select button (3), select a file including your desired Voice(s) so that the folders in the selected file are listed as the Source Voice list (8), select a Voice or Voices or a folder or folders in the list (8), select a destination location in the Destination Voice list (9) of the current file, then click [Import] to execute the Import operation.

The following file types can be selected.

- MOTIF XS Editor (.X0E)
- MO6/MO8 Voice Editor (.W7E)
- MOTIF ES6/7/8 Voice Editor (.W7E)
- MO6/MO8 Multi Part Editor (.M2E)
- MOTIF ES6/7/8 Multi Part Editor (.M4E)
- “All” file saved in the File mode of the MOTIF XS (.X0A)
- “All Voice” file saved in the File mode of the MOTIF XS (.X0V)
- “All Song” file saved in the File mode of the MOTIF XS (.X0S)



### 1 Close button

Click this to close this window without importing.

### 2 File name (Indication only)

Indicates the currently selected file.

### 3 File selection button

Click this to open the dialog for file selection.

### 4 [Category]/[Bank] checkboxes

Click either of these boxes to determine whether the Voices in the Source Voice list (8) are divided into Categories or Banks.

### 5 [Import] button

Click this to actually import the Voice(s) selected in the Source Voice list (8) to the specified location in the Destination Voice list (9).

**NOTE** You can also import Voice data without the use of this button by dragging the desired Voice or folder from the Source Voice list then dropping it to the Destination Voice list.

**NOTE** A Normal Voice cannot be imported to the User Drum Voice Bank. Likewise, a Drum Voice cannot be imported to the User Normal Voice Bank. No Voices can be imported to the Preset Voice Bank.

### 6 [+]/[-] buttons

Click the [+] button to open all the folders so that all Voices appear in all folders. Click the [-] button to close all folders.

### 7 Folder button (Bank or Category)

Double click here to open or close the folder.



**8 Source Voice list**

Indicates the Voices or folders of the selected file to be imported.

By right-clicking this section and selecting a menu, you can perform the following functions.

- Opening/Closing all the folders
- Determining whether the Voices listed here are divided into Category folders or Bank folders

**9 Destination Voice list**

Indicates the Voices or folders currently edited on the MOTIF XS Editor.

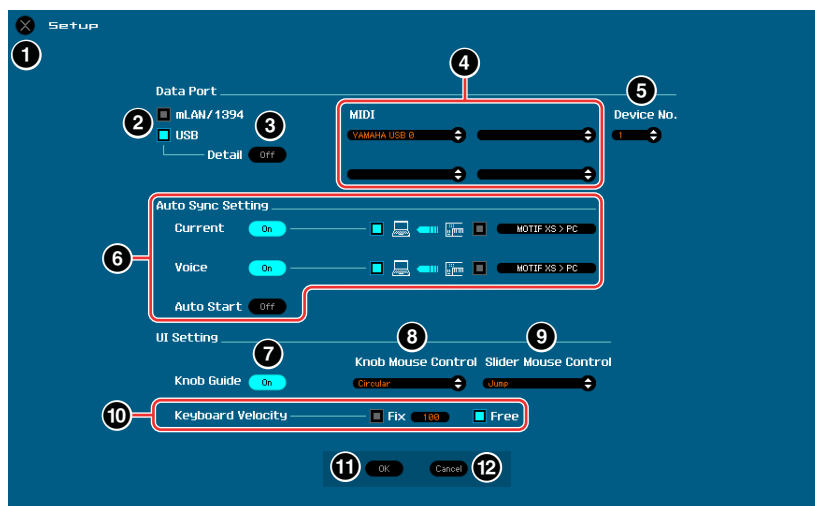
**NOTE** By right-clicking this section and selecting a menu, you can open or close all the folders.

**10 Search box**

You can search for your desired Voice from the Source Voice list (8) by inputting a keyword here.

**Setup**

Determines the basic setup of the MOTIF XS Editor. After setting necessary parameters, click [OK] to actually apply the settings to the MOTIF XS Editor.

**1 Close button**

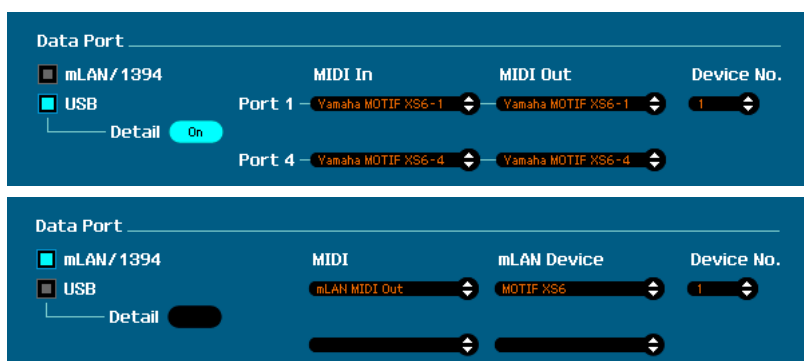
Click this to close this window without applying the settings.

**2 [USB]/[mLAN/1394] checkboxes**

Select which port (USB or mLAN) is used for communication between the MOTIF XS and computer.

**3 Detail button**

When the USB is selected at the [USB]/[mLAN/1394] checkboxes (2), you can make detailed settings for the Input Port and Output Port by setting this button to "On." This setting is necessary if the Port name is changed on a computer.



## 4 MIDI

Set the MIDI Port for communication between the MOTIF XS Editor and the MOTIF XS instrument. When “USB” is selected at the [USB]/[mLAN/1394] checkboxes (2) and the Detail button (3) is set to “Off,” select a value such as “Yamaha USB 0-1” or “Yamaha MOTIF XS6 (7, 8)” at the top left column. When “USB” is selected and the Detail button (3) is set to “On,” select Port 1 and Port 4 for the MOTIF XS in both the MIDI In and MIDI Out settings. When “mLAN/1394” is selected at the [USB]/[mLAN/1394] checkboxes (2), select the MIDI Port of the MOTIF XS at the MIDI column and select the model name such as “MOTIF XS” at the mLAN Device column.

**NOTE** When the MOTIF XS is connected to a computer via an IEEE1394 cable and the mLAN/1394 setting above is turned on, the MIDI Port can handle only note on/off message. The mLAN device then handles MIDI messages other than note on/off.

**NOTE** Keep in mind that setup on the host application (Studio Manager) is necessary before making settings here. When starting Studio Manager, as a stand-alone application, see page 5. When starting Studio Manager as a plug-in of the DAW application, refer to the manual of the DAW application.

**NOTE** Make sure to set the MIDI IN/OUT parameter to “USB” in the MIDI display of the Utility mode on the MOTIF XS instrument when “USB” is selected at the [USB]/[mLAN/1394] checkboxes. Likewise, make sure to set the MIDI IN/OUT parameter to “mLAN” in the Utility mode when “mLAN/1394” is selected.

## 5 Device No.

Set the Device number to the same as the value specified in the MIDI display of the Utility mode on the MOTIF XS itself. When the Device number on the MOTIF XS is set to “All,” set the Device No. here to “1.”

## 6 Auto Sync Setting

This section lets you set how the data synchronization between the MOTIF XS Editor and the MOTIF XS instrument is executed when “OFFLINE” is changed to “ONLINE.” Actual data synchronization is executed from the Auto Sync window (page 36) called up automatically under certain circumstances (page 36) such as clicking the [OFFLINE] button, starting the MOTIF XS Editor and opening a new file on the Editor.

### Current

Determines whether or not the Current data (see page 4) is synchronized and which data (MOTIF XS Editor or MOTIF XS itself) is synchronized with the other.

### Voice

Determines whether or not the Voice data (see page 4) is synchronized and which data (MOTIF XS Editor or MOTIF XS itself) is synchronized with the other.

### Auto Start

When this is set to “On” and one of the following operations is executed, data synchronization will be started automatically as soon as the Auto Sync window is opened.

- When clicking “OFFLINE” after setting the MIDI IN/OUT parameter correctly in the Utility mode on the MOTIF XS, setting the MIDI Ports correctly on the computer, and making a proper connection.
- When the settings on the MOTIF XS instrument and the computer are corrected after appropriately reconnecting the devices.
- When the connection between the MOTIF XS and a computer are corrected after appropriately correcting the setup of the MOTIF XS and the computer.

**NOTE** The parameters set here apply also to the parameters having the same names in the Auto Sync window (page 36).

### CAUTION

When the Auto Start parameter is set to “On,” data synchronization is started automatically under certain circumstances (page 36) such as clicking the [OFFLINE] button, starting the MOTIF XS Editor and opening a new file on the Editor. Keep in mind that this will cause unexpected data loss on the MOTIF XS Editor or the MOTIF XS itself, since new data automatically overwrites old data upon the data synchronization. Make sure to save your important data before using the MOTIF XS Editor.

## 7 Knob Guide

Determines whether or not the Knob Guide (knob editing area) appears when adjusting a knob icon. Setting this to On conveniently enlarges the knob editing area (as shown), making it much easier to edit a knob's parameter.



Knob Guide: On



Knob Guide: Off

## 8 Knob Mouse Control

Determines how the knob icon illustrated at right responds to your mouse control.



### Circular

When this is selected, you can jump to a specific value by clicking at a point within the Knob editing area. You can edit the value also by dragging the mouse in a circular direction—in much the same way as turning an actual knob.

### Relative Circular

When this is selected, you can edit the value by dragging the mouse in a circular direction—in much the same way as turning an actual knob.

### Linear

When this is selected, you can edit the value by dragging any point in the knob editing area (the mouse pointer disappears) and moving it vertically or horizontally—in much the same way as operating a slider.

## 9 Slider Mouse Control

Determines how the Slider icon illustrated at right responds to your mouse control. If you want to make fine adjustments to the value, drag the mouse while holding the <Shift> key.



### Ramp

When this is selected, clicking at any location in the slider icon (other than the orange pointers) moves the nearest pointer to that location. Dragging any point in the slider icon moves the slider pointer accordingly.

### Touch

When this is selected, you can edit the value by dragging and moving the slider pointer horizontally—in much the same way as operating an actual slider. Clicking at any location in the slider icon (other than the orange pointers) does not affect the slider icon.

### Jump

When this is selected, clicking any location in the slider icon jumps the slider pointer to that location.

### Relative

When this is selected, you can edit the value by dragging any point (the mouse pointer disappears) and moving it horizontally.

**10 Keyboard Velocity**

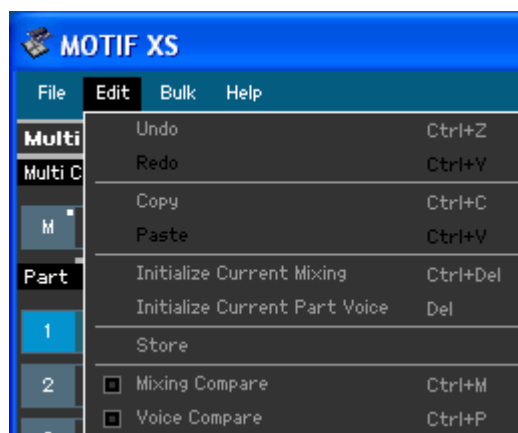
Determines the Velocity value generated when clicking any note on the keyboard illustration at the bottom of the Editor window. When “Fix” is turned on, clicking any key generates the same velocity value which can be specified in the box at right of “Fix.” When “Free” is turned on, the generated Velocity value differs depending on the click location. The lower on the key graphic you click, the higher the Velocity.

**11 [OK] button**

Click this to actually apply the settings to the MOTIF XS Editor and close the Setup window.

**12 [Cancel] button**

Click this to close the Setup window without applying the settings to the MOTIF XS Editor.

**[Edit] menu****Undo**

Cancels the changes you made in your most recent editing. [Undo] menu will be gray and cannot be selected depending on the most recent edited parameter.

**Redo**

Redo is available only after using Undo, and lets you restore the changes you made before undoing them.

**Copy**

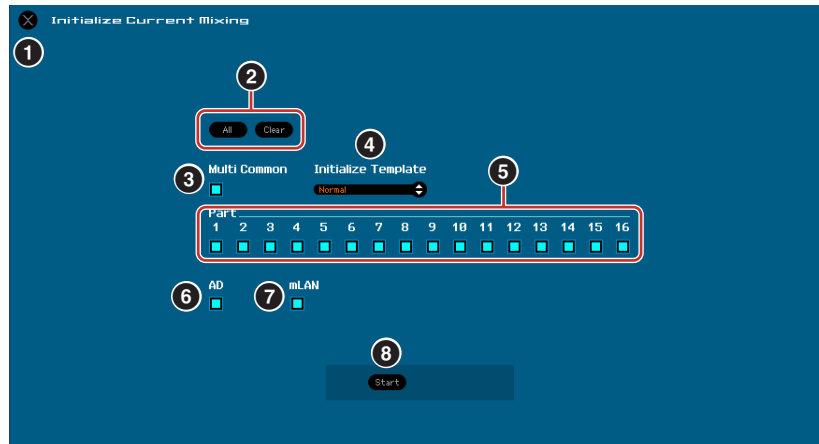
Copies the selected Voice(s) in the VOICE LIBRARY window, entire Part setup, and character(s) of the Voice name in the text box to the clipboard.

**Paste**

Pastes the Voice(s), entire Part setup, and characters from the clipboard to the specified location.

## Initialize Current Mixing

Select this menu to call up the Initialize Current Mixing window, set the parameters as necessary, then click [Start] to initialize the Mixing setup.



### 1 Close button

Click this to close the window without executing Initialization.

### 2 [All]/[Clear] buttons

Clicking [All] turns all the checkboxes in this window on while clicking [Clear] turns them off.

### 3 [Multi Common] checkbox

When this is turned on, clicking [Start] initializes the settings of all the Multi Common parameters.

### 4 Initialize Template

The following templates for initializing are available.

#### Normal

When this is selected, clicking [Start] initializes the Editor setup to the normal default settings.

#### GM

When this is selected, clicking [Start] initializes the Editor Setup so that the MOTIF XS can be used as a GM tone generator.

#### mLAN Normal

When this is selected, clicking [Start] initializes the Editor setup to the normal default settings, and then sets the Output parameter for each Part to mLAN.

#### mLAN GM

When this is selected, clicking [Start] initializes the Editor Setup so that the MOTIF XS can be used as a GM tone generator, and then sets the Output parameter for each Part to mLAN.

### 5 Part [1] – [16] checkboxes

Clicking [Start] initializes the settings of all parameters for the Parts which are turned on here.

### 6 [AD] checkbox

When this is turned on, clicking [Start] initializes the settings of all parameters for the AD Input Part.

### 7 [mLAN] checkbox

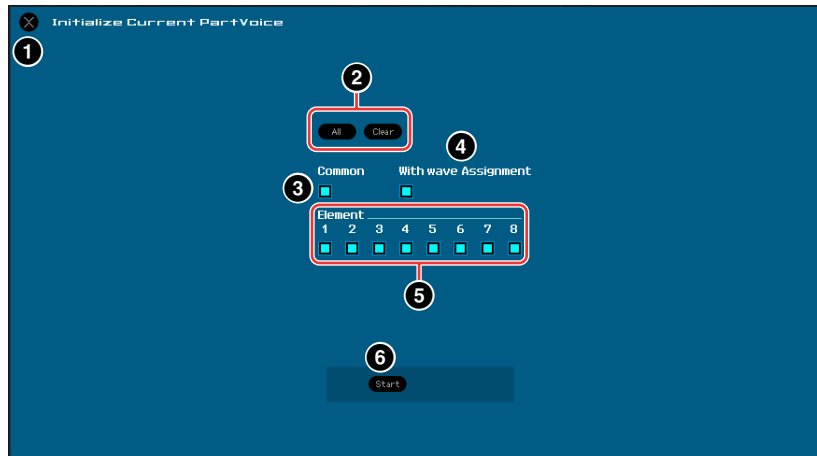
When this is turned on, clicking [Start] initializes the settings of all parameters for the mLAN Part.

### 8 [Start] button

After the setup is completed, click [Start] to initialize the Mixing setup and close the window.

## Initialize Current Part Voice

Select this menu to call up the Initialize Current Part Voice window, set the parameters as necessary, then click [Start] to initialize the Voice data assigned to the current Part.



### 1 Close button

Click this to close the window without executing Initialization.

### 2 [All]/[Clear] buttons

Clicking [All] turns all the check boxes in this window on while clicking [Clear] turns them off.

### 3 [Common] checkbox

When this is turned on, clicking [Start] initializes the settings of all the Voice parameters in the Part Common parameters.

**NOTE** You can distinguish whether or not the Voice parameter is edited and the Mixing parameter is edited by checking the [E] (Edit) indicator shown at top right of the window. An [E] indicator appears in white at top right of the window when any parameter of the Mixing setup is edited, while an [E] indicator appears in blue next to the white [E] indicator when any parameter of the Voice is assigned to the current Part.

### 4 [With wave Assignment] checkbox

When this is turned on, clicking [Start] initializes the Waveform assignment for all Elements for the current Part.

### 5 Element [1] – [8] checkboxes

Clicking [Start] initializes the settings of all parameters for the Elements which are turned on here.

### 6 [Start] button

After the setup is completed, click [Start] to initialize the Part Voice and close the window.

## Store

This window lets you store the Voice of the currently selected Part. Select the desired Bank folder (5), select the number of the destination Voice (6), input the Voice name (2), then click the [Store] button to store the Voice as a User Voice or Mixing Voice.

**NOTE** The Store window cannot be called up when "M" is selected.



### 1 Close button

Click this to close this window without executing the Store operation.

### 2 Voice Name

Enter an original name for the edited Voice.

### 3 [Store] button

Click this to store the edited Voice to the specified Bank and number.

### ⚠ CAUTION

Like other parameters, the Voice data is synchronized with the MOTIF XS instrument when the ONLINE (page 10) is indicated. This means that clicking [Store] in this window stores the edited Voice to the corresponding Bank in internal memory of the MOTIF XS instrument. If the necessary Voice data is stored in the corresponding Bank of the MOTIF XS instrument, make sure to save the Voice data to an external memory device such as a USB storage device connected to the USB TO DEVICE connector of the MOTIF XS.

### 4 [+]/[-] buttons

Pressing the [+] button opens all the Bank folders, while pressing the [-] button closes them.

### 5 Bank folder

This section indicates the following Banks to which you can store the edited Voice for the current Part.

- Normal User 1
- Normal User 2
- Normal User 3
- Mixing

Clicking on each Bank folder opens it and all the Voices stored in the Bank appear as illustrated above (from the left illustration to the right one). When clicking the Bank folder again, it closes as illustrated above (from the right illustration to the left one).

### 6 Voices

The Voices in the selected Bank are listed. Before clicking the [Store] button, you need to select the number of the destination Voice here.

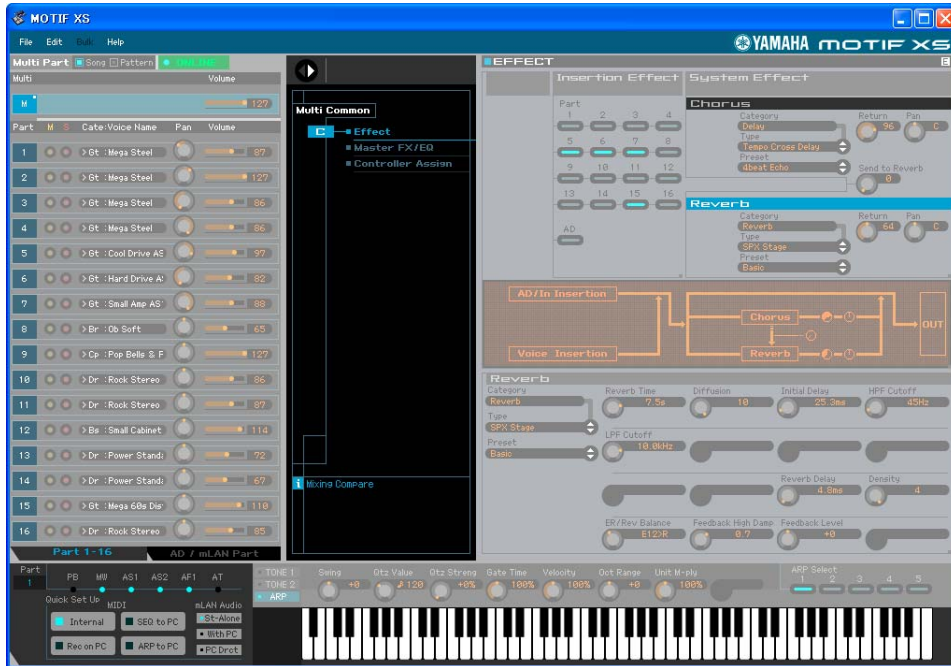
Right clicking on this section calls up the menus "All Open" and "All Close," letting you open or close all the Bank folders.



## Mixing Compare

This menu lets you switch between the just-edited Mixing and its original, unedited condition, allowing you to hear how your edits affect the sound. Select “Mixing Compare” to enter the Mixing Compare mode. In this mode, you can hear the sound of the original Mixing setup and none of the parameters in the window can be edited. Select “Mixing Compare” again to return to the original status.

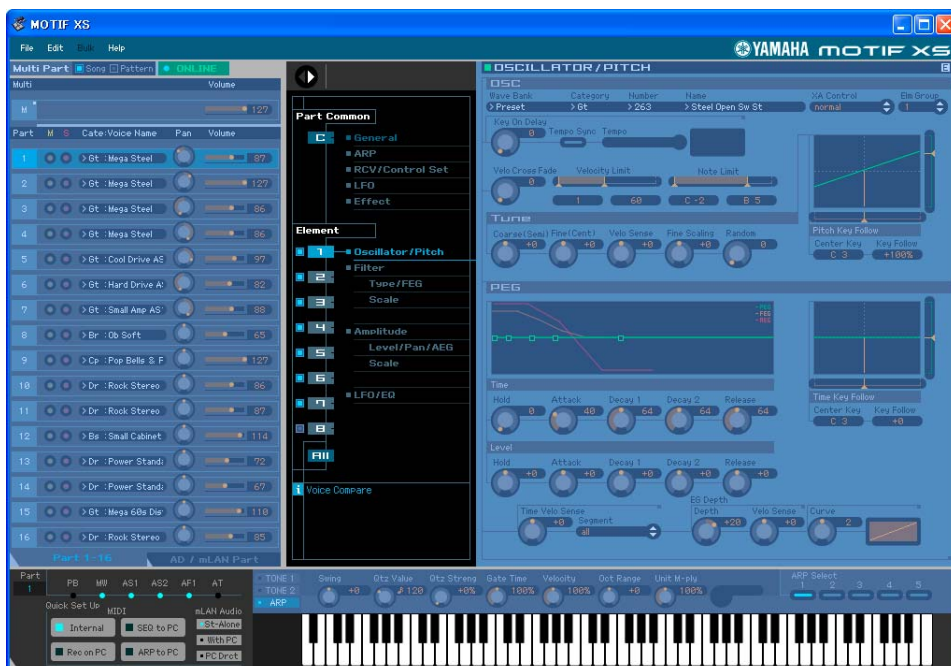
**NOTE** The status of the MOTIF XS instrument is maintained even if entering the Mixing Compare mode on the MOTIF XS Editor.



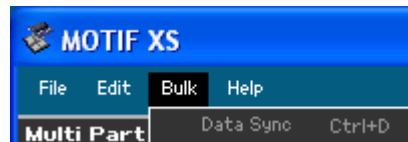
## Voice Compare

This menu lets you switch between the just-edited Voice and its original, unedited condition, allowing you to hear how your edits affect the sound. Select “Voice Compare” to enter the Voice Compare mode. In this mode, you can hear the sound of the original Voice and none of the parameters in the window can be edited. Select “Voice Compare” again to return to the original status.

**NOTE** The status of the MOTIF XS instrument is maintained even if entering the Voice Compare mode on the MOTIF XS Editor.

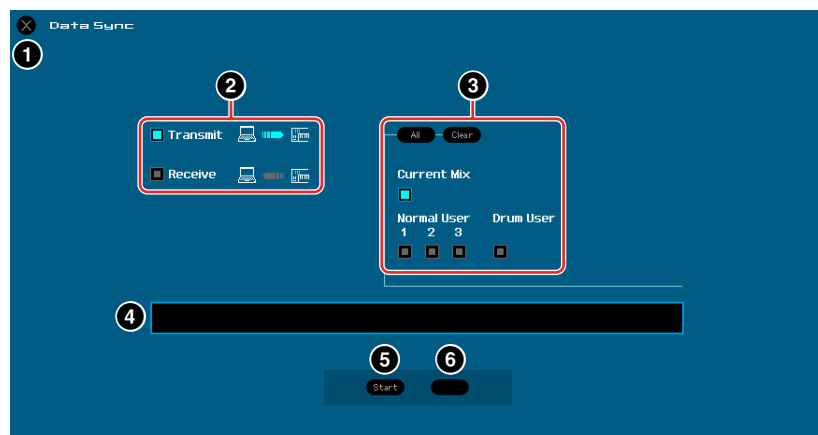


## [Bulk] menu



### Data Sync

Select this menu to call up the Initialize Data Sync window, set the parameters as necessary, then click [Start] to transmit the specified data from/to the MOTIF XS Editor to/from the MOTIF XS instrument.



#### 1 Close button

Click this to close this window without executing Data Sync.

#### 2 [Transmit]/[Receive] checkboxes

Determines whether the MOTIF XS Editor transmits data to the MOTIF XS or receives data from the MOTIF XS.

#### 3 Data type to be transmitted/received

Here, you can set which data type is to be transmitted or received. Clicking the [All] button turns all the data types on while clicking the [Clear] button turns all the data types off.

#### Current

Turn this on then click the [Start] button to transmit or receive the Current settings ([page 4](#)).

#### Normal User Bank 1

Turn this on then click the [Start] button to transmit or receive the data of the Normal User Voice Bank 1 ([page 4](#)).

#### Normal User Bank 2

Turn this on then click the [Start] button to transmit or receive the data of the Normal User Voice Bank 2 ([page 4](#)).

#### Normal User Bank 3

Turn this on then click the [Start] button to transmit or receive the data of the Normal User Voice Bank 3 ([page 4](#)).

#### Drum User Bank

Turn this on then click the [Start] button to transmit or receive the data of the Drum User Voice Bank ([page 4](#)).

#### 4 Progress Bar

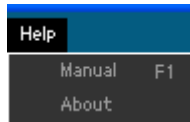
Shows how much of the data has been transmitted.

**5 [Start] button**

After the setup is completed, click the [Start] button to actually execute data transmission.

**6 [Stop] button**

This button is available only when data transmission is being executed and allows you to cancel the transmission.

**[Help] menu****Manual**

Selecting this menu calls up this manual in PDF format.

**About**

Selecting this menu calls up information such as the version number of the MOTIF XS Editor.

**Auto Sync window**

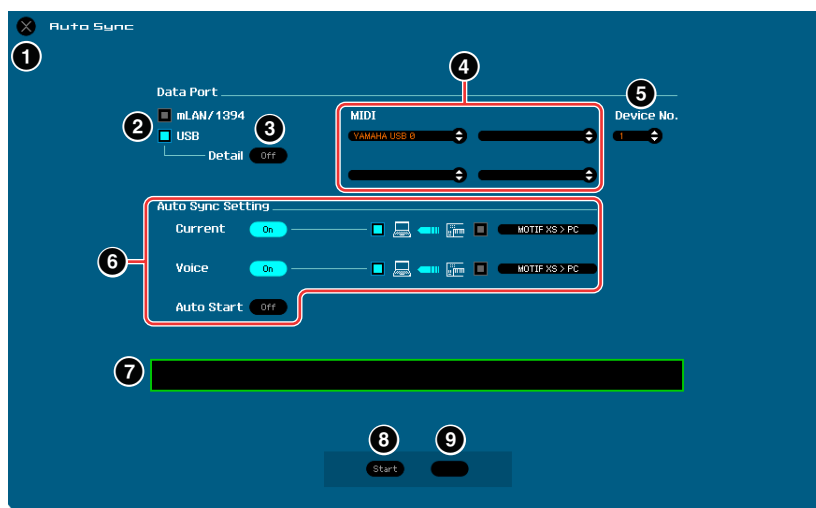
This window is used for changing the status of the Editor from “OFFLINE” to “ONLINE.” While editing a parameter on the Editor affects the same parameter on the MOTIF XS instrument and vice versa in the Online status, you can disable the “mirroring” of parameter changes between the devices by switching to Offline status.

The Auto Sync window can be called up by clicking “OFFLINE” on the Editor window when the Editor is in the Offline status. The Auto Sync window can also be called up automatically (without clicking “OFFLINE”) under the following circumstances:

- When starting the MOTIF XS Editor after setting the MIDI IN/OUT parameter correctly in the Utility mode on the MOTIF XS instrument, setting the MIDI Ports correctly on the computer, and making a proper connection.
- When opening a file
- When creating a new file by selecting “New” under the File menu
- When changing the Multi Part mode on the Editor in the Online status of the Editor
- When changing the Mode from Song to Pattern or from Pattern to Song on the MOTIF XS instrument in the Online status of the Editor
- When the settings on the MOTIF XS instrument and the computer are corrected after appropriately reconnecting the devices.
- When the connection between the MOTIF XS and a computer are corrected after appropriately correcting the setup of the MOTIF XS and the computer.

**NOTE** If the Auto Start parameter is set to “On” in the Auto Sync window, data synchronization may be started automatically as soon as the Auto Sync window is opened in certain conditions. For details, see [page 10](#).

On the Auto Sync window, set the Data Port properly then click [Start] button to execute data synchronization. As soon as the data synchronization is completed, the Auto Sync window is closed then the OFFLINE indication changes to ONLINE automatically.



### 1 Close button

Click this to close this window without executing data synchronization.

### 2 – 6

These parameters are same as in the Setup window. See [page 27](#).

### 7 – 9

These parameters are same as in the Data Sync window. See [page 35](#).

# Troubleshooting

If you encounter problems such as no sound output or abnormal behavior, verify the connections before checking the following.

## Sound does not change when using the knobs or sliders.

- Is “ONLINE” indicated on the Editor window?
- Is the lamp at left of “ONLINE” indicator turned on?  
If it is turned off, the settings related to communication between the MOTIF XS and a computer may be wrong. Check the MIDI Port setting (page 28) on the MOTIF XS Editor and Studio Manager, the MIDI IN/OUT parameter setting in the MIDI display of the Utility mode on the MOTIF XS instrument, or the cable connection between the MOTIF XS and the computer.
- Check the MIDI Port setting and Device No. setting. (page 28)
- Check the MIDI IN/OUT parameter setting in the MIDI display of the Utility mode on the MOTIF XS.

## Bulk data is not transmitted/received successfully.

- Check the same points as above such as “ONLINE” indication and MIDI Port settings.
- The Current data set in the Setup window, Data Sync window and Auto Sync window can be transmitted or received only when the MOTIF XS itself is in the Song mode or Pattern mode.

## The appropriate Port is not shown in the Setup window.

- The MIDI Port in the Setup window can be selected from the Ports specified in the host application. Check the MIDI Port settings in the host application.
- When “!” is shown at left of the Port name (e.g., “! Yamaha USB IN 0-1”), this indicates that the previously used Port cannot be found or some Ports are not set properly. Check the MIDI Port settings in the host application.