

# microKORG XL+ Sound Editor

## Owner's Manual

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## Introduction

Thank you for purchasing the Korg microKORG XL+ synthesizer/vocoder. In order to take full advantage of your new instrument, please read this manual and use the product as directed.

## What is microKORG XL+ Sound Editor?

microKORG XL+ Sound Editor is software that takes advantage of your computer's large screen to let you edit and manage the microKORG XL+'s programs and global data with ease and convenience.



## Caution

- ⚠ Do not disconnect the microKORG XL+ or power-off the microKORG XL+ while microKORG XL+ Sound Editor is running.
- ⚠ Do not operate the microKORG XL+ or microKORG XL+ Sound Editor while data is being transmitted or received.

## **Operating requirements**

### **Windows**

Computer	Computer that has a USB port and satisfies the requirements for running Microsoft Windows XP/Vista/7.
Operating system	Windows XP SP3 (32bit), or Windows Vista SP2 (32bit, 64bit), or Windows 7 SP1 (32bit, 64bit)

### **Mac OS X**

Computer	Apple Macintosh computer with an Intel processor that has a USB port and satisfies the requirements for running Mac OS X.
Operating system	Mac OS X 10.5 or later

⚠ Full functionality is not guaranteed with all computers that satisfy these system requirements.

## **■ Installation**

### **Installation for Windows users**

Proceed as follows to install the software in Windows.

1. Double-click "Setup\_E.exe" to start the installation process.
2. The microKORG XL+ Sound Editor Installer screen will appear. Follow the on-screen directions to install the software.

### **Installation for Mac OS X users**

Proceed as follows to install the software in Mac OS X.

1. Copy the "microKORG XL+ Editor" folder to the "Applications" folder.

## **■ Quick start**

### **Settings on the microKORG XL+**

In order to use microKORG XL+ Sound Editor, follow the procedure below to make the necessary settings on the microKORG XL+.

1. Set the [KNOB FUNCTION SELECT] dial to "FULL EDIT," and use knob [1] to select the "GLOBAL" page. Use knob [2] to select "PROTECT," and set knob [3] to "OFF."
2. Use knob [1] to select "MIDI FLT" page. Use knob [2] to select "SYS EX", and set knob [3] to "ENABLE".

### **Settings in microKORG XL+ Sound Editor**

⚠ In order to use microKORG XL+ Sound Editor via a USB connection, you must download the Korg USB-MIDI Driver from the Korg website and install it as directed by the accompanying

documentation. (<http://www.korg.com/>)

1. Using a USB cable, connect the microKORG XL+ to your computer, and power-on the microKORG XL+.
  2. Move to the "microKORG XL+" folder, and start up "microKORG XL+ Sound Editor."  
Windows The "microKORG XL+" folder is located in the taskbar's "Start" - "All Programs" - "KORG."  
Mac OS X The "microKORG XL+" folder is located in the "Applications" folder.
  3. The library window will open automatically, and all data will be received from the microKORG XL+.
- ⚠ Do not operate the microKORG XL+ or microKORG XL+ Sound Editor while data is being transmitted or received.

## **Editing a program**

Go ahead and try editing a program in microKORG XL+ Sound Editor. In the Library window, click the [PROGRAM] button to access the program page. From the program list in the Program page, select the program that you want to edit and click the [EDIT] button to open the Program Edit window. Use the knobs and buttons to edit the sound. For details on how to operate the knobs and buttons, refer to "Basic operations in the editor windows."

## **Writing a program to the microKORG XL+**

Programs you've edited in microKORG XL+ Sound Editor are not written into the microKORG XL+; you'll need to transmit the programs from microKORG XL+ Sound Editor each time you want to play them. It's a good idea to transmit the programs from microKORG XL+ Sound Editor to the microKORG XL+ so that you don't have to transmit them each time. In the Library window, click the [PROGRAM] button to access the Program page. From the "Communication" menu, choose "Write all data." A dialog box will ask you to confirm the Write operation, so click [OK].

- ⚠ Do not operate the microKORG XL+ or microKORG XL+ Sound Editor while data is being transmitted or received.
- ⚠ When you execute this operation, all 128 programs of the microKORG XL+ will be overwritten (replaced) by the programs from microKORG XL+ Sound Editor. If you want to keep the programs currently in the microKORG XL+, you must back them up beforehand.

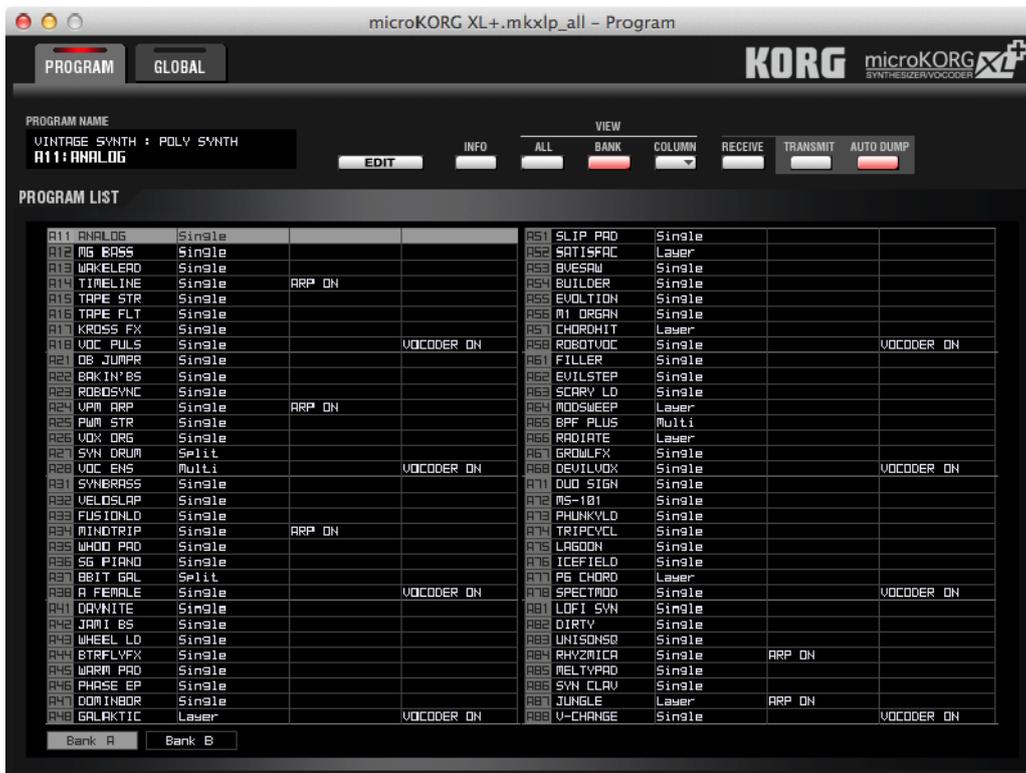
# ■ Windows and functions in microKORG XL+ Sound Editor

This section provides a brief explanation of the functionality in each window of microKORG XL+ Sound Editor.

**note** For details on each parameter, refer to the owner’s manual included with this document.

## Library window

In the Library window you can manage programs and edit global data.



The Library window is divided into the following two pages. To move between pages, click the page select buttons located at the top of the screen.

### Program page

In the Program page you can select a program to edit, transmit and receive programs to or from the microKORG XL+, edit the program name or comment, and copy or rearrange programs. (→ p.15

“Program management”)

### Global page

In the Global page you can edit global data, and transmit and receive global data to or from the microKORG XL+. (→ p.20 “Global data management”)

## Program edit window

Here you can make settings that affect the entire program, such as the program name and the voice mode. From this window you can also open edit windows for Synth or Arpeggiator settings.



### **[SYNTH EDIT] button**

Opens the Synth Edit window for each timbre.

### **[EQ EDIT] button**

Opens the Timbre EQ Edit window for each timbre.

### **Arpeggiator [EDIT] button**

Opens the Arpeggiator Edit window.

### **Vocoder [EDIT] button**

Opens the Vocoder Edit window.

### **Master Effect [EDIT] button**

Opens the Master Effect Edit window.

### **Copying or exchanging parameters**

The drag mark  for the arpeggiator, vocoder, and master effect can be dragged and dropped to copy the parameters to a different program. The drag mark  for the timbre parameters can be dragged and dropped to exchange timbres 1 and 2. You can copy the timbre parameters by dragging and dropping while you hold down the [Ctrl] key (Windows) or the [option] key (Mac OS X).

## Synth Edit window

Here you can edit each timbre's synth parameters such as oscillator, filter, and amp.

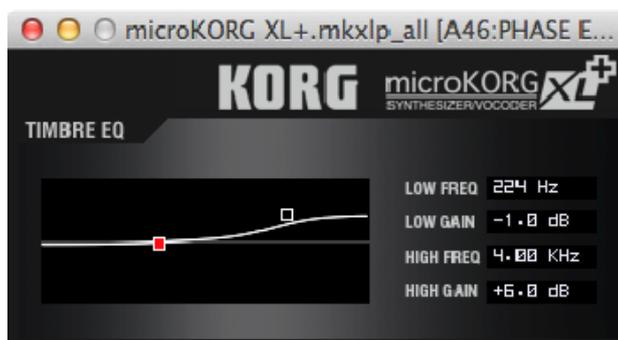


### [RANDOMIZE] button

This sets the synth parameters to random values.

## Timbre EQ Edit window

Here you can edit each timbre's equalizer.



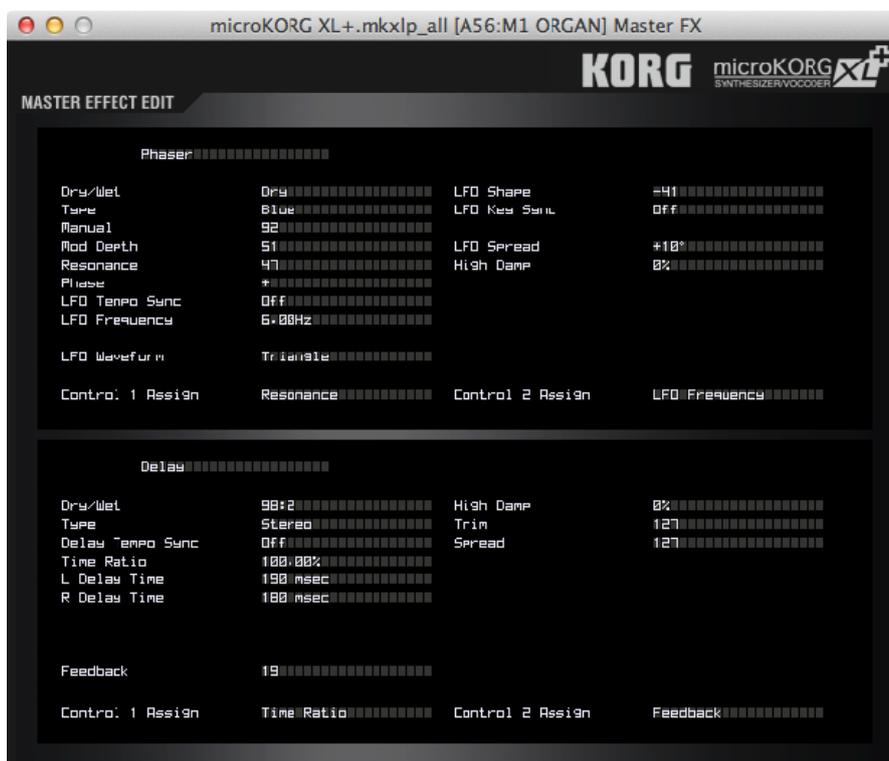
## Arpeggiator Edit window

Here you can select the arpeggiator's arpeggio type, and make settings for each step.



## Master Effect Edit window

Here you can select the effect type for the master effects, and edit the various parameters.



## Copying or exchanging parameters

The drag mark  for master effect 1 and 2 can be dragged and dropped to exchange master effects 1 and 2. You can copy the master effect parameters by dragging and dropping while you hold down the [Ctrl] key (Windows) or the [option] key (Mac OS X).

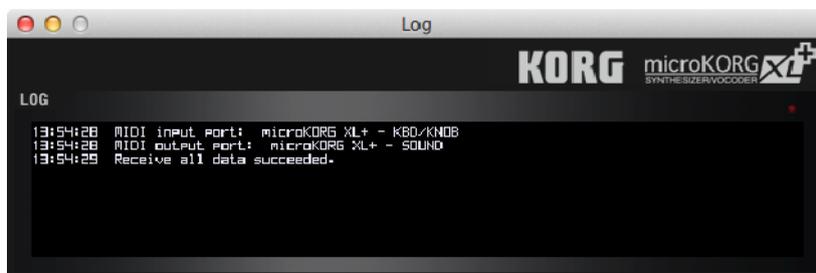
## Vocoder Edit window

Here you can edit the vocoder parameters.



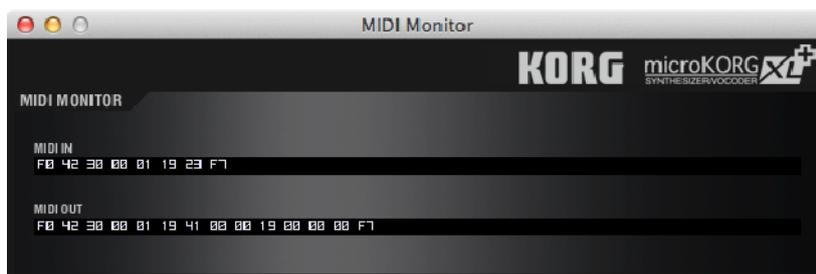
## Log window

This window displays the times when files were saved/loaded, the history of communication with the microKORG XL+, the accessed content, and error information.



## MIDI Monitor window

This window displays the MIDI messages transmitted by microKORG XL+ Sound Editor and the MIDI messages received from the microKORG XL+.



## ■ Basic operations in the editor windows

Here's how to operate the knobs and switches shown in the edit windows, and how to edit the parameters.

### Knobs

Move the mouse pointer to the desired knob. The operation of the knobs will depend on the System setting “Knob Operation” (→ p.22 “Preference settings”).

**note** You can adjust the value more finely by dragging while you hold down your computer's [Shift] key.

#### When “Knob Operation” is set to Circular

Move the mouse pointer to the knob index (the mark that indicates the value), and edit the value by dragging the knob in a circle as though you were turning it. You can also jump immediately to a desired value by clicking the corresponding location.



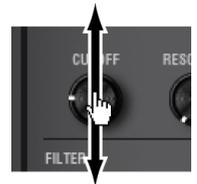
#### When “Knob Operation” is set to Relative Circular

Edit the value by dragging the knob in a circle as though you were turning it. You cannot edit the value by clicking, as you can with the “Circular” setting.



#### When “Knob Operation” is set to Linear

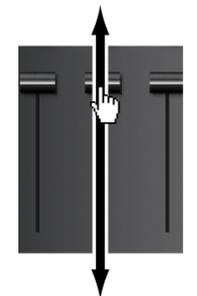
Drag upward to turn the knob right (clockwise). Drag downward to turn the knob left (counter-clockwise).



### Sliders

Move the mouse pointer to the desired slider, and drag it up or down. You can also edit the value by moving the mouse pointer to the desired parameter and moving the mouse wheel.

**note** You can adjust the value more finely by dragging while you hold down your computer's [Shift] key.



## Switches and buttons

Move the mouse pointer to the desired switch or button, and click.

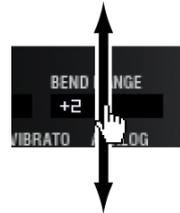


## Parameters

### Parameters that you set by dragging

Move the mouse pointer to the desired parameter. Drag upward to increase the value, or downward to decrease the value. You can also edit the value by moving the mouse pointer to the desired parameter and moving the mouse wheel.

**note** You can adjust the value more finely by dragging while you hold down your computer's [Shift] key.



### Parameters that you set from a popup menu

A menu will appear when you click the desired parameter. From the menu, choose the desired value. You can also specify a value by moving the mouse pointer to the desired parameter and moving the mouse wheel.



## Dragging and dropping

The drag marks  in the edit screens allow you to copy or exchange parameters by dragging and dropping. You can exchange timbres or master effects, or copy parameters to a different program.

## Renaming

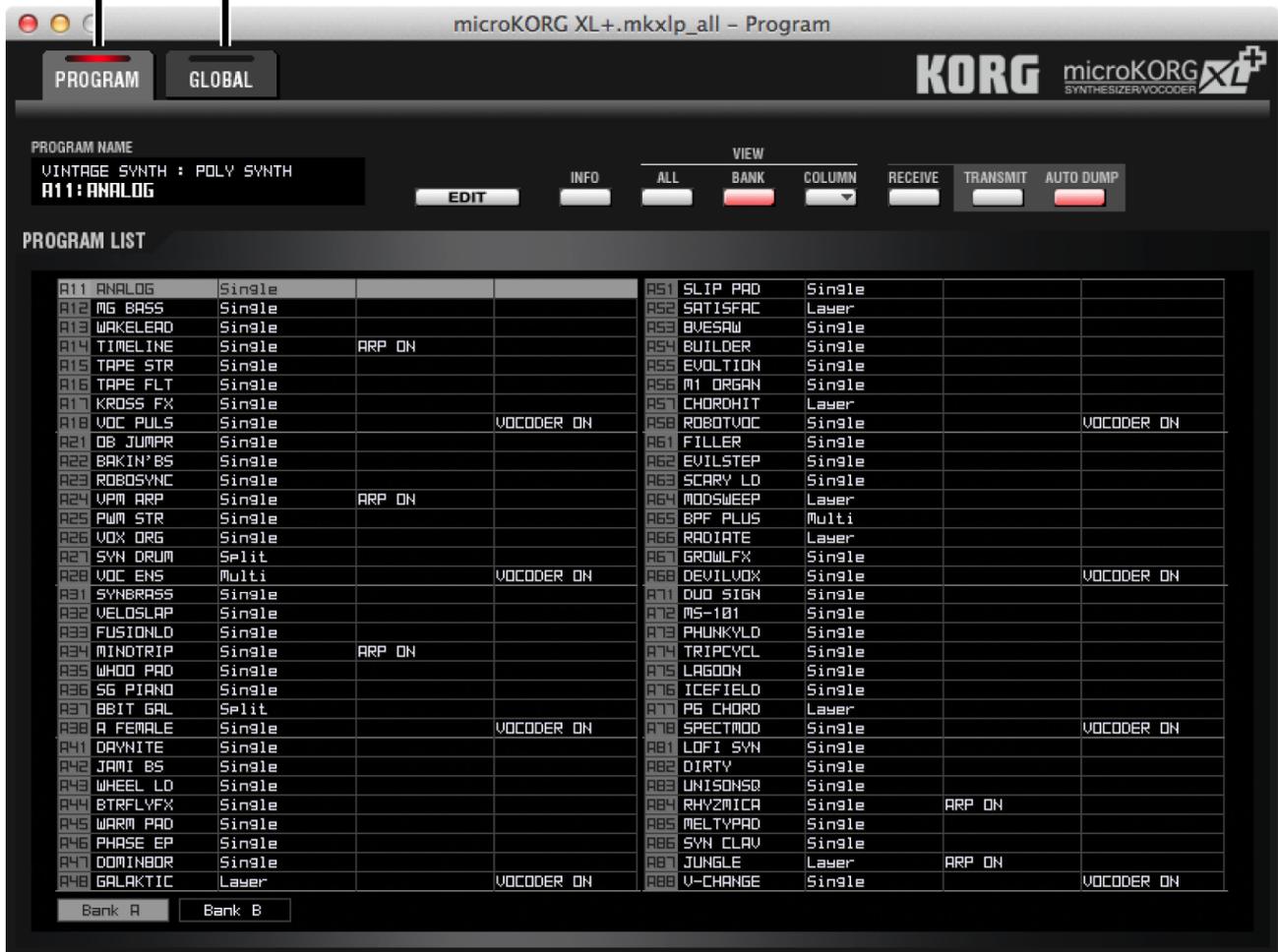
You can rename a program (edit its name). When you've edited a program, it's helpful to assign a name that reflects the sound of that program. When you double-click the program name, it will be highlighted, and can be edited. Type the desired name from your computer keyboard, and press the [Enter] key to complete the operation. If you decide not to rename the program, press your computer's [Esc] key, or click the mouse on some other location; the program name will revert to its original state.

## Library management

### Screen items and their function

[PROGRAM] button

[GLOBAL] button



[PROGRAM] button

This displays the Program page.

[GLOBAL] button

This displays the Global page.

### Loading library data

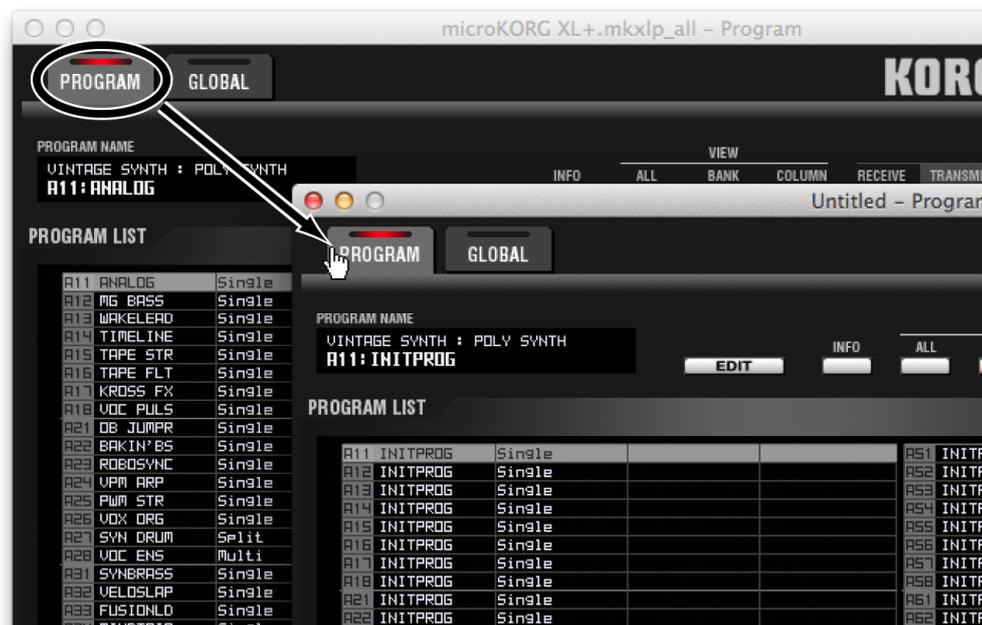
From the menu, choose “File”-”Open” to access the “Open” dialog box. Select the desired library data file and click the [Open] button. A new library window will open, and the library data will be loaded.

## Saving library data

From the “File” menu, choose “Save”; the currently-open library data file will be saved by overwriting it onto the existing version of that file. If the file is new, the “Save As” dialog box will appear. Specify the location in which you want to save the file, enter the desired file name, and click the [Save] button to save the library data.

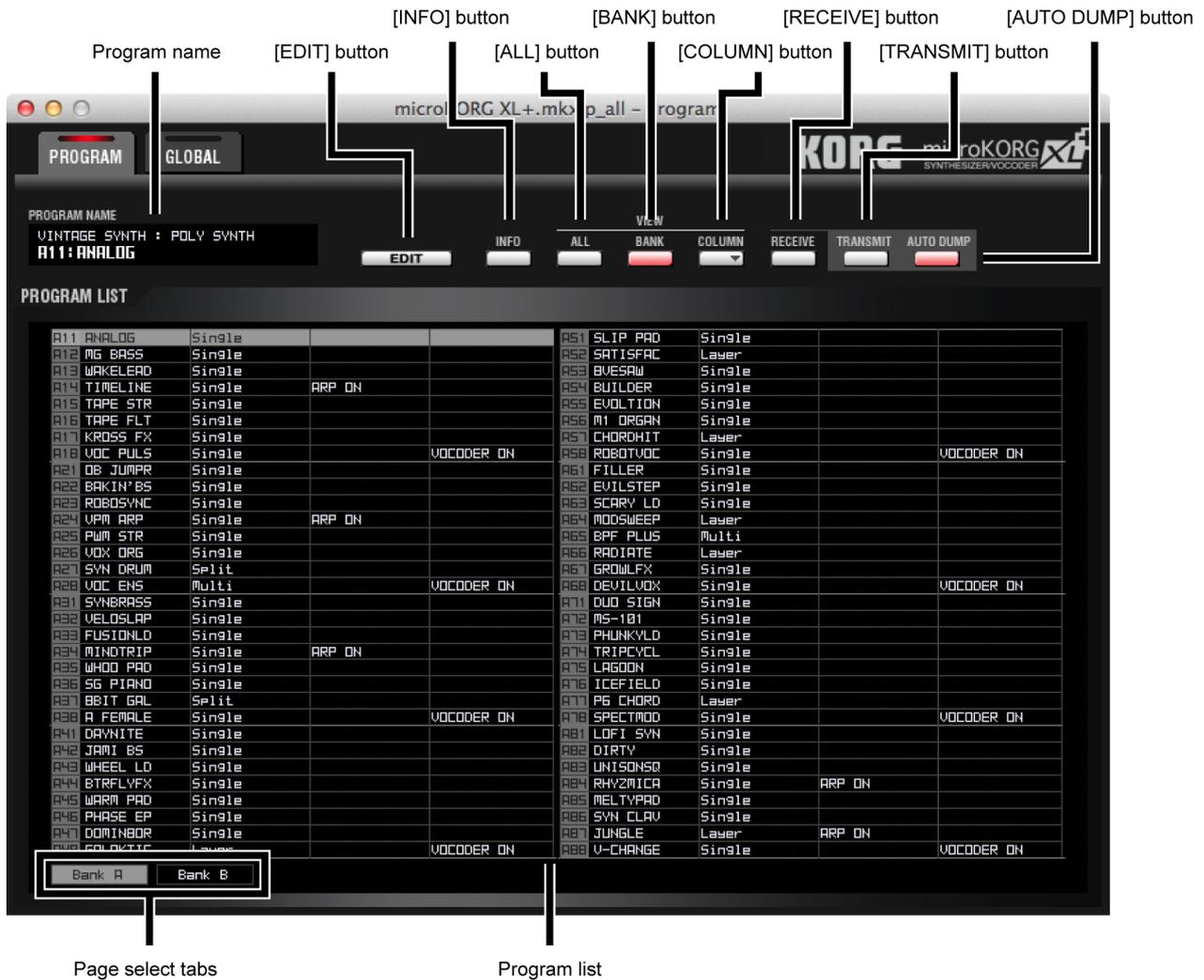
## Copying library data

You can copy program or global data to another library file. Drag the [PROGRAM] button or [GLOBAL] button and drop it on the [PROGRAM] or [GLOBAL] button of the desired copy-destination library window.



# ■ Program management

## Screen items and their function



### Program name

This indicates the name of the currently selected program.

### [EDIT] button

This opens the Edit screen for the currently selected program.

### [RECEIVE] button

This loads the program currently selected on the microKORG XL+ into the program that's selected in the program list.

**⚠** Do not operate the microKORG XL+ or microKORG XL+ Sound Editor while data is being transmitted or received.

**[TRANSMIT] button**

This transmits the program currently selected in the program list to the microKORG XL+. The program will not be written into the microKORG XL+ by this operation.

⚡ Do not operate the microKORG XL+ or microKORG XL+ Sound Editor while data is being transmitted or received.

**[AUTO DUMP] button**

This turns the Auto Dump function on/off. If the Auto Dump function is on, selecting a program in the program list will automatically transmit that program to the microKORG XL+.

**[INFO] button**

This displays a dialog box that lets you edit the name or comment of the currently selected program.

**[COLUMN] button**

This switches the contents shown in the program list.

**[ALL] button**

This makes the program list show all 128 programs.

**[BANK] button**

This makes the program list show 64 programs (organized by bank) at a time. Fewer programs can be viewed simultaneously, but more information for each program will be visible.

**Program list**

This shows the currently loaded 128 programs. You can use the [COLUMN] button, [ALL] button, and [BANK] button to switch the displayed content. To select the program you want to edit, click a program in the list. Click the page select tabs to switch pages.

**Page select tabs**

The 128 programs are shown in two pages, organized by bank. Click these tabs to switch between pages.

**Receiving programs from the microKORG XL+**

From the "Communication" menu, choose "Receive all programs" to load all programs from the microKORG XL+ into the program list.

⚡ Do not operate the microKORG XL+ or microKORG XL+ Sound Editor while data is being transmitted or received.

**Writing programs to the microKORG XL+**

From the "Communication" menu, choose "Write all programs" to transmit all programs in the program list into the microKORG XL+ and write them into memory.

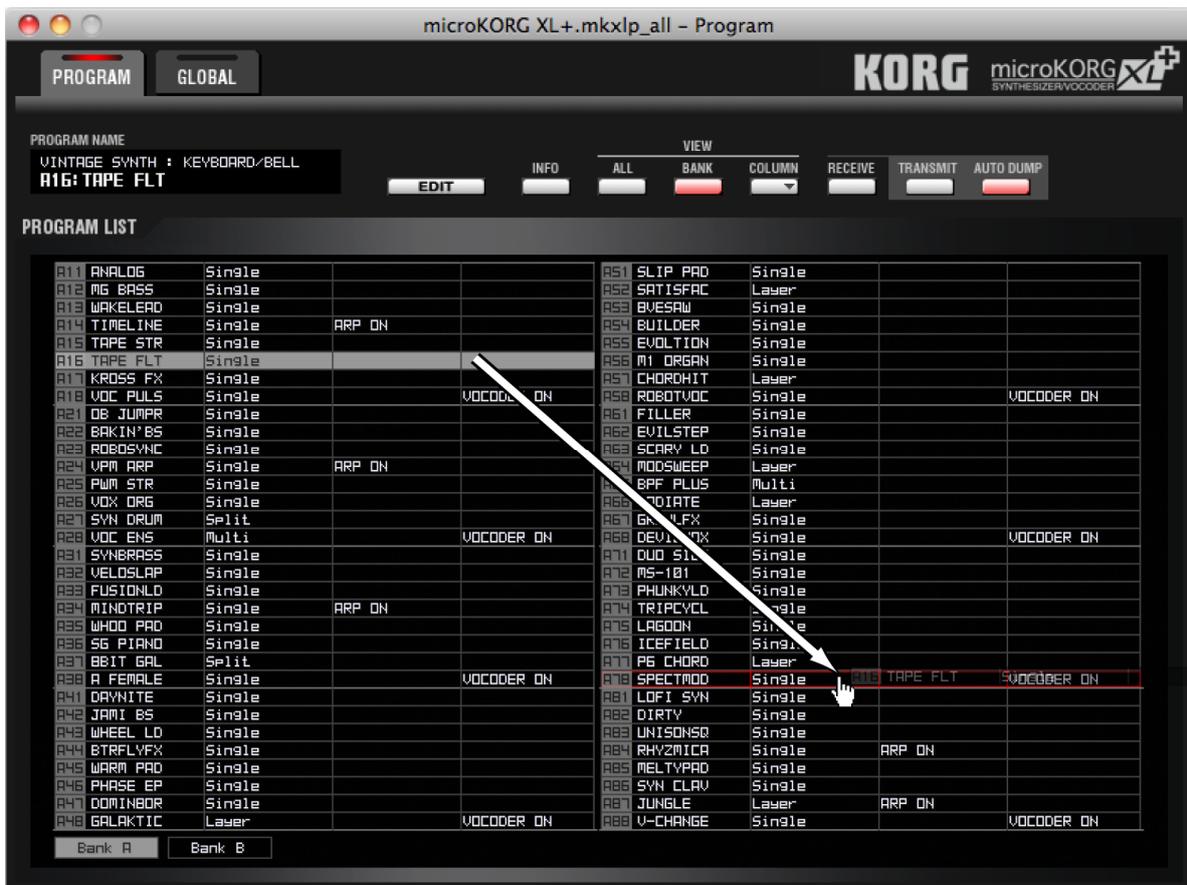
⚡ Do not operate the microKORG XL+ or microKORG XL+ Sound Editor while data is being transmitted or received.

## Selecting a program

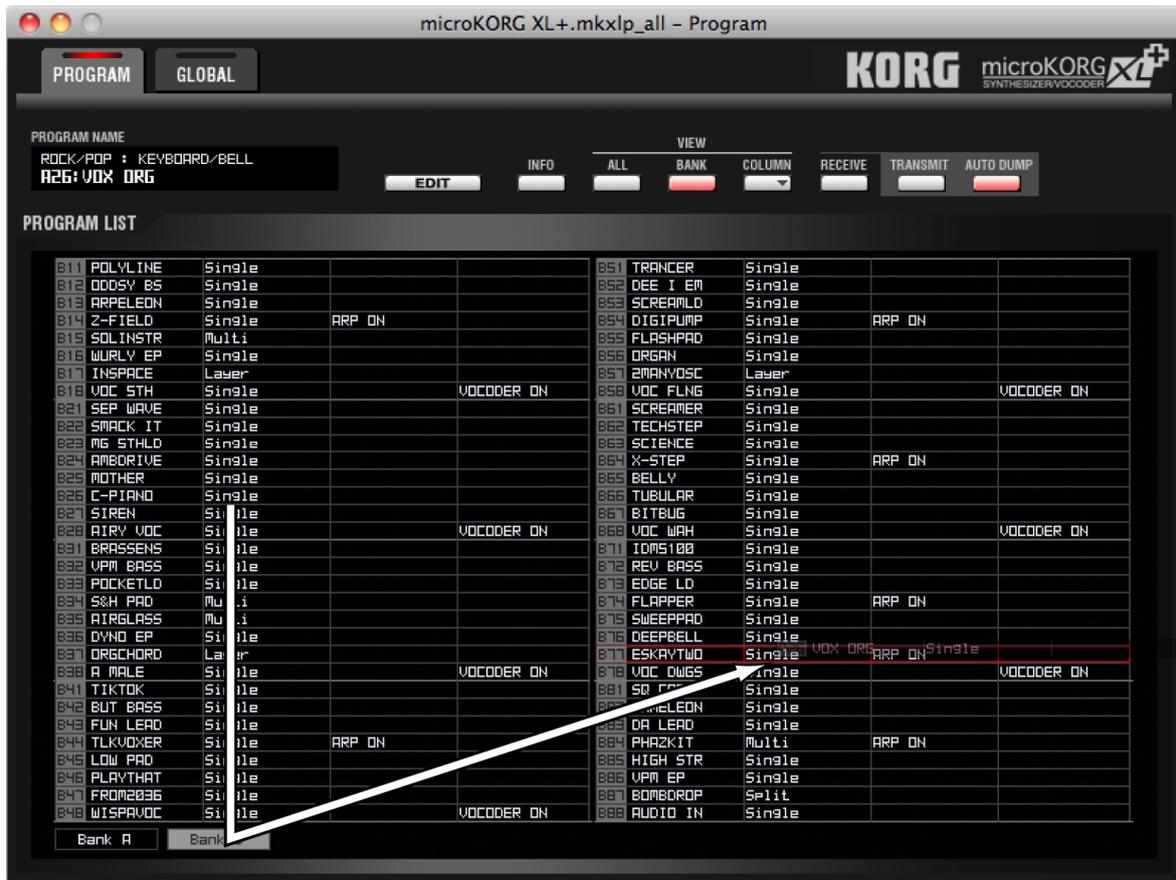
Click a program shown in the program list to select it. You can also select a program by using your computer's cursor keys. You can select multiple programs by clicking while you hold down the [Ctrl] key (Windows) or [command] key (Mac OS X). You can select a contiguous range of programs by clicking while you hold down the [Shift] key.

## Moving a program

You can move a program to a different location. Simply drag and drop the selected program onto the desired location.



You can also move a program to a page that is not currently displayed. Drag the program to the page select tab of the desired destination page; the page will switch, and you can then drop the program onto the desired location in the newly displayed page.



## Exchanging programs

You can exchange the location of two programs by dragging and dropping one of the two programs while holding down the [Alt] key (Windows) or [command] key (Mac OS X). As when moving a program, you can exchange programs located in different pages by dragging one of the programs to the page select tab of the other page.

## Copying a program

### Copying a program by dragging and dropping

To copy a program, drag the selected program and drop it onto the desired copy-destination while holding down the [Ctrl] key (Windows) or [option] key (Mac OS X). The program formerly at that destination will be overwritten. As when moving or exchanging programs, you can copy a program to a different page by dragging the program to a page select tab.

### Copying a program via the menu

1. Select the copy-source program, and from the "Edit" menu choose "Copy."
2. Select the copy-destination program, and from the "Edit" menu choose "Paste." A duplicate program will be overwritten onto the copy-destination.

## **Editing program information**

When you select a program and click the [INFO] button, the program information editing dialog box will appear. Edit the program name or comment, and click the [OK] button. If you decide to cancel the changes you made, click the [Cancel] button.

⚠ "Creator" and "Comment" information is not written into the microKORG XL+. If a program containing "Creator" and "Comment" data is written to the microKORG XL+ and then received back into microKORG XL+ Sound Editor, the "Creator" and "Comment" data will be lost.

## **Initializing a program**

Select the program, and from the "Edit" menu, choose "Initialize." That program will be initialized to the initial program.

## **Saving a program to a file**

You can save the selected program to your computer as a program data file. Select the program that you want to save, right-click (in Mac OS X, [control]-click) to display the popup menu, and choose "Save" to access the "Save program" dialog box. Specify the desired save location, enter a file name, and click the [Save] button.

## **Loading a program from a file**

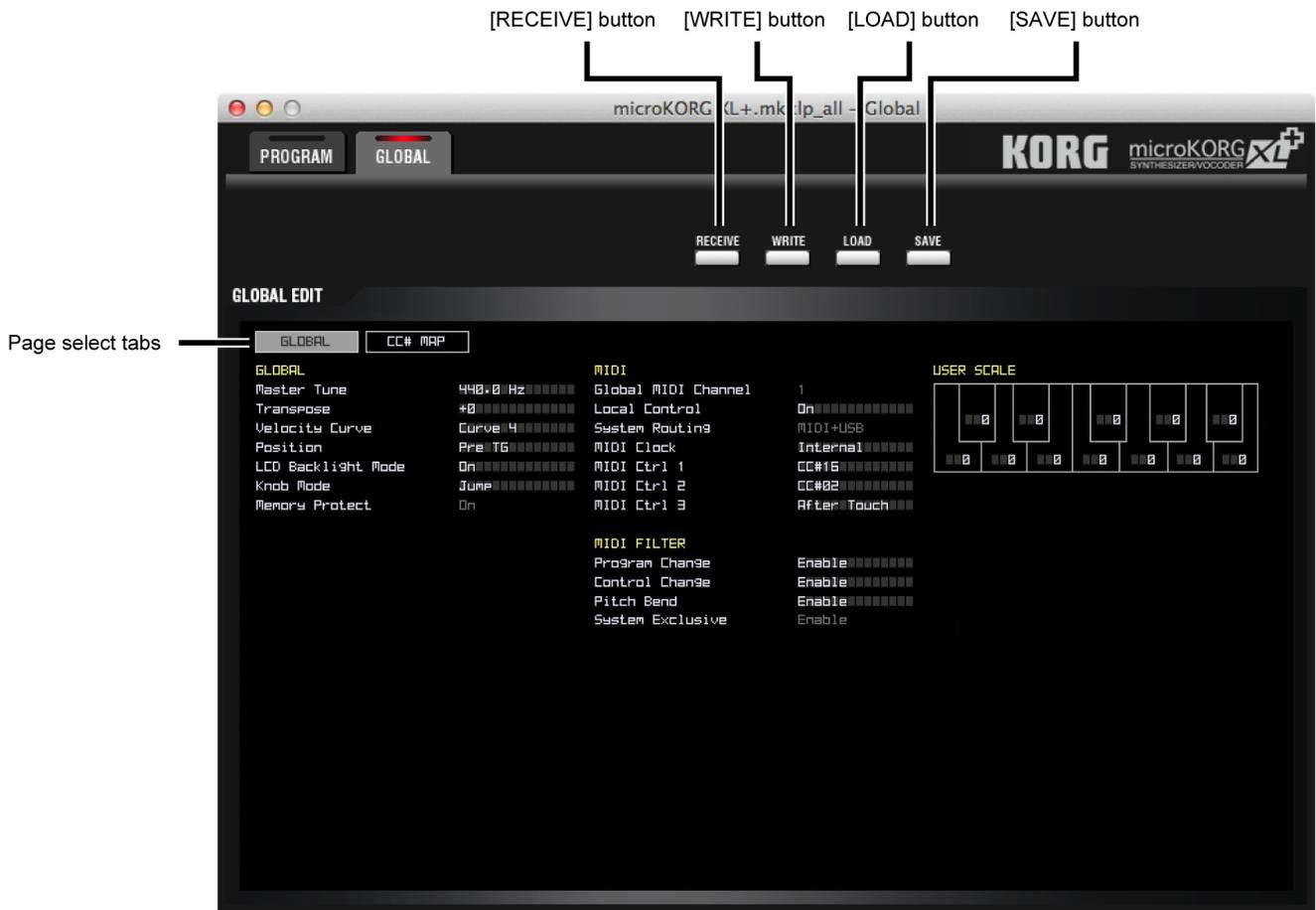
Select the program into which you want to load the file, right-click (in Mac OS X, [control]-click) to display the popup menu, and choose "Open" to access the "Load program" dialog box. Select the program data file that you want to load, and click the [Open] button.

## **Restoring a program**

You can restore the selected program to the state in which it was prior to editing (i.e., the state saved in the file). From the "Edit" menu, choose "Revert to saved data," and the selected program will be restored to the state prior to editing.

# ■ Global data management

## Screen items and their function



### [RECEIVE] button

This loads the microKORG XL+'s global data into microKORG XL+ Sound Editor.

- ⚠ Do not operate the microKORG XL+ or microKORG XL+ Sound Editor while data is being transmitted or received.

### [WRITE] button

This transmits the global data from microKORG XL+ Sound Editor to the microKORG XL+ and writes it.

- ⚠ Do not operate the microKORG XL+ or microKORG XL+ Sound Editor while data is being transmitted or received.

### [LOAD] button

This loads global data from a global data file saved on your computer.

**[SAVE] button**

This saves global data to your computer as a global data file.

**Page select tabs**

The global data is divided into several pages. Click these tabs to switch pages.

**Receiving global data from the microKORG XL+**

When you click the [RECEIVE] button or choose the "Communication" menu item "Receive global data," the global data from the microKORG XL+ will be received into microKORG XL+ Sound Editor.

⚠ Do not operate the microKORG XL+ or microKORG XL+ Sound Editor while data is being transmitted or received.

**Writing global data to the microKORG XL+**

When you click the [WRITE] button or choose the "Communication" menu item "Write global data," the global data in microKORG XL+ Sound Editor will be transmitted to the microKORG XL+ and written.

⚠ Do not operate the microKORG XL+ or microKORG XL+ Sound Editor while data is being transmitted or received.

**Saving global data to a file**

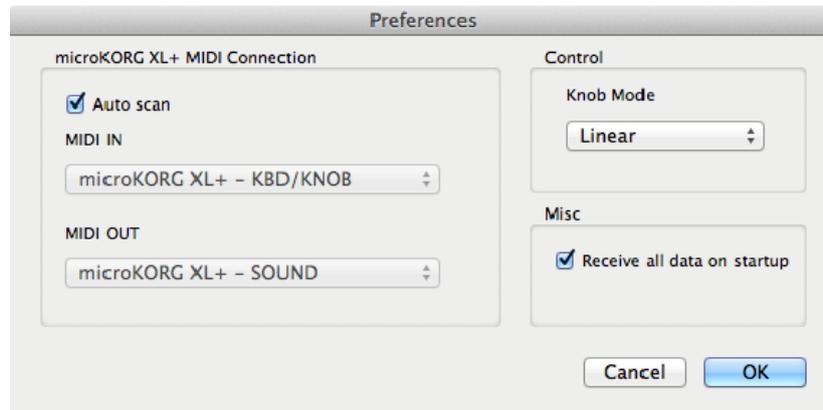
You can save global to your computer as a file. Click the [SAVE] button to access the "Save global data" dialog box. Specify the save-location, enter a file name, and click the [Save] button.

**Loading global data from a file**

Click the [LOAD] button to access the "Load global data" dialog box. Select a global data file and click the [Open].

## ■ Preference settings

From the Options menu, choose "Preferences..." to open the Preferences dialog box.



### MIDI ports

#### **Find devices automatically**

If this setting is on, the port to which the microKORG XL+ is connected will be found and specified automatically. If this is off, use the MIDI IN/OUT port settings to specify the ports to which the microKORG XL+ is connected.

#### **MIDI IN**

This specifies the MIDI IN port to which the microKORG XL+ is connected. You should normally set this to "microKORG XL+ 1 KBD/KNOB" in Windows, or "microKORG XL+ - KBD/KNOB" in Mac OS X.

#### **MIDI OUT**

This specifies the MIDI OUT port to which the microKORG XL+ is connected. You should normally set this to "microKORG XL+ 1 Sound" in Windows, or "microKORG XL+ - Sound" in Mac OS X.

### Operations

#### **Knob operation**

This specifies how the knobs shown in the editing screens will operate. For details on each type of operation, refer to "Basic operation in the editor windows."

For details on each type of operation, refer to "Basic operations in the editor windows."

### Other

#### **Receive all data at start-up**

If this setting is on, all data will be received from the connected microKORG XL+ when microKORG XL+ Sound Editor starts up.

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## ■ Menus

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### **microKORG XL+ Sound Editor (Mac OS X only)**

#### **About microKORG XL+ Sound Editor**

Displays version information for microKORG XL+ Sound Editor.

#### **Preferences**

Displays the Preferences dialog box (→ p.22 "Preference settings").

#### **Exit**

Exits microKORG XL+ Sound Editor.

### **File**

#### **New**

Creates new library data.

#### **New From Preset Data**

Creates new library data using preset data for microKORG, MS2000, MS2000B, etc.

#### **Open**

Loads library data from a library data file saved on your computer.

#### **Save**

Saves the currently edited library data to a library data file on your computer by overwriting the existing version of that file.

#### **Save As**

Saves the currently edited library data to a library data file on your computer with the name you specify.

#### **Import microKORG XL Library Data**

Reads the library data file (file extension “.mkxl\_all”) for microKORG XL Sound Editor and creates new library data.

#### **Exit (Windows only)**

Exits microKORG XL+ Sound Editor.

### **Edit**

#### **Cut**

Cuts the selected program.

#### **Copy**

Copies the selected program.

**Paste**

Pastes the cut or copied content into the selected program.

**Initialize**

Initializes the selected program.

**Revert to saved data**

Reverts the selected program to the state in which it was saved to the file.

**Communication****Receive all data**

Loads all programs and global data from the microKORG XL+ into microKORG XL+ Sound Editor.

**Write all data**

Transmits all programs and global data from microKORG XL+ Sound Editor to the microKORG XL+ and writes it.

**Receive all programs / Receive global data**

Depending on the page shown in the library window, this command reads all programs or global data from the microKORG XL+ into microKORG XL+ Sound Editor.

**Write all programs / Write global data**

Depending on the page shown in the library window, this command transmits all programs or global data from microKORG XL+ Sound Editor to the microKORG XL+ and writes the data.

**Receive current program**

Reads the program currently selected on the microKORG XL+ into microKORG XL+ Sound Editor.

**Send to current program**

Transmits the program currently selected in microKORG XL+ Sound Editor to the microKORG XL+. This operation does not write the data into the microKORG XL+.

**Settings****Show parameter values**

Shows the values of the knobs and sliders in the edit window.

**Preferences**

Opens the Preferences dialog box (->p.22 "Preference settings").

**Window****Open MIDI monitor window**

Opens the MIDI monitor window

**Open log window**

Opens the log window.

**Previous program**

Edits the previous program.

**Next program**

Edits the next program.

**Close window**

Closes the window that is currently in the foreground.

**Help (Windows only)****About microKORG XL+ Sound Editor (Windows only)**

Displays version information for microKORG XL+ Sound Editor.

**■ Shortcut keys****Menu items**

Menu item	Windows	Mac OS X
New	Ctrl + N	command + N
Open	Ctrl + O	command + O
Save	Ctrl + S	command + S
Save As	Ctrl + Shift + S	command + shift + S
Cut	Ctrl + X	command + X
Copy	Ctrl + C	command + C
Paste	Ctrl + V	command + V
Receive current program	Ctrl + L	command + L
Send to current program	Ctrl + T	command + T
Close window	Ctrl + W	command + W

**Library window**

Item	Windows	Mac OS X
Show information editing dialog	i	i
Show edit window	Enter	return
Initialize selected program	Delete	delete