

# M-200i RCS

## User's Guide



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# Introduction

## About M-200i RCS

M-200i RCS is application software that runs on Windows or Mac. It lets you edit M-200i project files, and remotely control the M-200i.



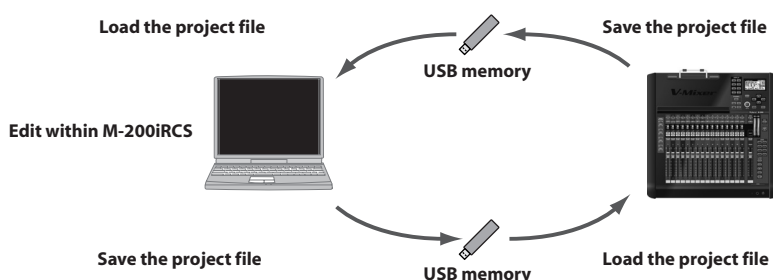
The contents of this document are written with the assumption that the user has all of the basic knowledge and skills required to operate a computer. Please read the owner's manual of your computer if you have questions regarding basic operations.

## The two modes of M-200i RCS

M-200i RCS has two modes: Offline mode and Online mode.

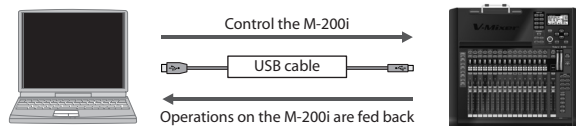
### Offline mode

In this mode you can edit an M-200i project file via USB memory. The advantage of this mode is that you can edit mixer parameters and scene memories even when the M-200i itself is not at hand.



### Online mode

In this mode you can connect your computer to the M-200i via USB, and control the M-200i remotely. Since M-200i RCS lets you use your mouse and keyboard to control the M-200i, you can operate it in a more intuitive manner. In addition, M-200i RCS can show a separate screen that is different from the screen shown on the M-200i itself, letting you view and edit more information simultaneously.



## Differences from the M-200i itself

M-200i RCS cannot monitor the audio signals within the M-200i. Nor can it operate the following parameters and buttons:

- Parameters of the RECORDER screen
- Parameters of the SYSTEM screen
- Parameters of the REAC screen
- Parameters of the USER PREFERENCE screen
- Parameters of the REMOTE screen
- Parameters of the NETWORK screen
- Parameters of the USB MEMORY screen
- USER FADER layer
- USER button
- PHONES LEVEL knob setting
- [TALKBACK] button
- [SOLO CLEAR] button



You can also create a new project file in M-200i RCS and load it into the M-200i.

# Operating requirements

Supported OS	Windows XP Home Edition/Professional Windows Vista Windows 7 Windows 8 * M-200i RCS does not work with Windows XP Media Center Edition. Mac OS X 10.5.8 or later
Supported computers	A computer that provides a USB connector complying with USB Specification Revision 1.1 or higher
CPU	Windows: Pentium/Celeron or compatible processor, 1.6 GHz or faster * We cannot make guarantees regarding the compatibility of processors. Mac: Intel Processor
Memory	Windows: 512 MB or more Mac: 1 GB or more
Screen resolution and color depth	1024 x 768 pixels or higher, 65,536 colors (16-bit color) or higher

*\* This software has been found to work on typical computers that meet the above requirements, but we do not guarantee that it will operate on all such computers. Please be aware that differences in design or conditions of use may produce differences in the processing power of otherwise similar computers.*

## Installing M-200i RCS

Copy the "M-200i RCS" folder to the drive of your computer.

## Uninstalling M-200i RCS

Delete the "M-200i RCS" folder that you copied to the drive of your computer.

## About the V-Mixer Driver

In order for M-200i RCS to remotely control the M-200i console, the V-Mixer Driver (for Windows or Mac) must be installed in your computer.

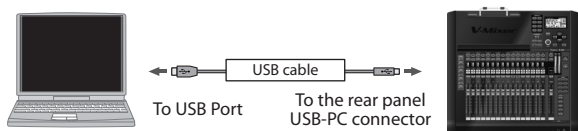
Download the most recent version of the driver from the following website. For details on installing the V-Mixer Driver, refer to the document (HTML file) included with the driver:

<http://www.rolandsystemsgroup.net/>

## Connection to the M-200i

In order to remotely control the M-200i console from M-200i RCS, you'll need to connect the M-200i to your computer using a USB cable.

Use a USB cable to connect the M-200i to your computer as shown in the illustration below.



### MEMO

Use a commercially available USB cable (one that supports USB 1.1 or later, and has a male type A connector and a male type B connector).

## Settings on the M-200i console

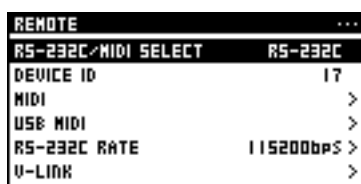
In order to remotely control the M-200i from M-200i RCS, make the following settings on the M-200i.

**1** Start up the M-200i.

**2** Press [SETUP] to access the SETUP screen.



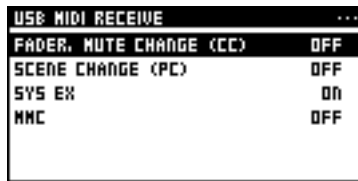
**3** Press [REMOTE] to access the REMOTE screen.



- 4** Select [USB MIDI] to access the USB MIDI screen.



- 5** Select [RECEIVE] to access the USB MIDI RECEIVE screen. Then turn on "SYS EX".



- 6** Back to the USB MIDI screen and select [SEND] to access the USB MIDI SEND screen. Then turn on "SYS EX".





# Starting and exiting the application

## Starting the application

- 1 In the “M-200i RCS” folder, double-click “M-200i RCS”.



### MEMO

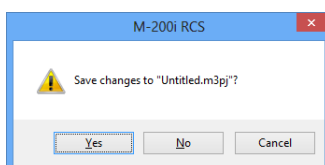
A new project will be opened when the application starts.

The application will start up, and the M-200i RCS window will appear.

## Exiting the application

- 1 In the M-200i RCS window,  
**Windows:** From the “File” menu, choose “Exit”.  
**Mac:** From the “M-200i RCS” menu, choose “Quit M-200i RCS”.

A message box will appear, asking you to confirm whether you want to save the current project.



- If you click “Yes,” the current project will be saved.
- If you click “No,” the current project will not be saved.

You will exit the application.

# Names of things and what they do

## M-200i RCS window

### Basic screen area



Mode button

Screen recall buttons

Scene memory buttons

Fader layer buttons

Main fader module

### Fader modules 1-16

### Basic screen area



You can use the mouse and keyboard to perform operations in this screen.

 "Operations in the main screen area" (p. 14)

### Mode button

This switches the mode of M-200i RCS.

- Offline mode



- Online mode



 "Switching between modes" (p. 18)

## Screen recall buttons



These buttons switch the content of the basic screen area. The button corresponding to the currently shown screen or popup is shown in blue.

CH DISP	CHANNEL DISPLAY screen
METER	METER screen
EFFECTS	EFFECTS/GEQ screen
PATCHBAY	PATCHBAY screen
DCA GROUP	DCA GROUP screen
MUTE GROUP	MUTE GROUP screen
TALKBACK/OSC	TALKBACK/OSC screen
MONITOR	MONITOR screen
GATE/EXP	GATE/EXPANDER popup
COMP	COMPRESSOR popup or LIMITER popup
EQ	EQUALIZER popup
SENDS	AUX/MTX SENDS popup

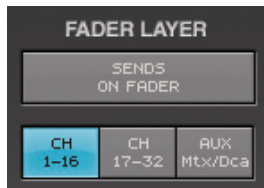
## Scene memory buttons



These buttons perform scene memory operations for M-200i RCS.

SCENE	Accesses the SCENE screen in the basic screen area. This button is shown in blue while the SCENE screen is displayed.
PREV	Decrements the scene number by one.
NEXT	Increments the scene number by one.
RECALL	Recalls the mixer parameters from the currently selected scene number.
STORE	Stores the current mixer parameters to the selected scene number.

## Fader layer buttons



These buttons switch the layer operated by fader modules 1–16. The currently selected layer is shown in blue.

SENDS ON FADER	Accesses the SENDS ON FADER panel.
CH1-16	Assigns CH1–16 to fader modules 1–16.
CH17-32	Assigns CH17–32 to fader modules 1–16.
AUX/MTX/DCA	Assigns AUX1–8, MTX1–4 and DCA1–4 to fader modules 1–16.

## Fader modules 1–16



Use these to operate the input channels, AUX, MTX, and DCA.

SEL	Selects the corresponding channel. The button of the selected channel is shown in green.
SOLO	Turns a channel's Solo on/off. The button is shown in orange if Solo is on.
MUTE	Turns a channel's Mute on/off. The button is shown in red if Mute is on.
Fader	Adjusts the signal level of the channel.

## Main fader module



This controls the MAIN L/R.

SEL	Selects the MAIN L or R. The button is shown in green when selected.
SOLO	Turns the MAIN L/R's Solo on/off. The button is shown in orange if Solo is on.
Fader	Adjusts the signal level of the MAIN L/R channel.

### MEMO

Adjustments made to a selected channel strip in M-200i RCS will be reflected in the appropriate M-200i channel strip, but the M-200i display will not switch its display to your selected channel strip in the M-200i RCS.

### MEMO

By repeatedly pressing the SEL button you can alternately select the MAIN L or MAIN R.

## SENDS ON FADER Panel



This panel is shown when SENDS ON FADER button is on.

AUX SELECT 1-8	Selects the send-destination AUX.
MTX SELECT 1-4	Selects the send-destination MTX.
SENDS ON FADER	Closes the SENDS ON FADER panel.
CH1-16	Assigns CH1-16 to fader modules 1-16.
CH17-24	Assigns CH17-24 to fader modules 1-16.
AUX/MTX/DCA	Assigns AUX1-8, MTX1-4, and DCA1-4 to fader modules 1-16.

# Operations in the main screen area

The mouse and keyboard are used to perform operations in M-200i RCS's main screen area.

## Cursor movement

- Up/down/left/right cursor keys

## Button operations

- Click a button to turn it on/off
- Move the cursor to a button and press the Enter key to turn it on/off

## Function button operations

- Click
- Keyboard "F1" – "F8" keys

## Knob operations

- Drag a knob up/down or left/right
- Move the cursor to a knob, and then use the mouse wheel to increase/decrease the value
- Move the cursor to a knob, and press the Page Up/Down key to increase/decrease the value
- Move the cursor to a knob, and press the +/- key to increase/decrease the value

## Fader operations

- Drag a fader knob up/down
- Move the cursor to a fader, and then use the mouse wheel to increase/decrease the value
- Move the cursor to a fader, and press the Page Up/Down key to increase/decrease the value
- Move the cursor to a fader, and press the +/- key to increase/decrease the value

## Send level bar operations

- Drag the bar to left/right
- Move the cursor to a send level bar, and use the mouse wheel to increase/decrease the value
- Move the cursor to a send level bar, and press the Page Up /Down key to increase/ decrease the value
- Move the cursor to a send level bar, and press the +/- key to increase/decrease the value

## List operations

- Use the up/down cursor keys to change the selected item
- Use the mouse wheel to change the selected item
- Drag the scroll bar up/down to scroll the list

## Entering a name

In the name entry field of the NAME EDIT popup, you can use the keyboard to enter a name.

### MEMO

The cursor is indicated by a red frame in the Basic screen area. In M-200i RCS, the cursor exists only within the Basic screen area.

### MEMO

You can make fine adjustments by holding down the Shift key while you operate a knob or a fader.

### MEMO

By clicking a knob while you hold down the Ctrl key, you can reset its value to the default state.

### MEMO

By clicking a fader or a send level bar, while you hold down the Ctrl key, you can reset its value to 0.0 dB.

## About the menus

### Windows

#### File menu

- **New Project** Opens a new project.
- **Open Project...** Opens an existing project.
- **Save Project** Saves the current project (by overwriting it onto the existing file).
- **Save Project As...** Saves the current project with a different name that you specify.
- **Exit** Exits M-200i RCS.

#### Setup menu

- **REAC Config...** Opens the REAC Config dialog box (p. 21).
- **Initialize...** Initializes the settings (p. 23).
- **Preferences...** Opens the Preferences dialog box (p. 24).
- **System Setup...** Opens the System Setup dialog box (p. 26).

#### Help menu

- **About M-200i RCS...** Opens the About M-200i RCS dialog box, which shows the software version of M-200i RCS.



If you open a project while online, M-200i RCS will switch to offline operation.



The REAC Config dialog box is available only when M-200i RCS is operating offline.

### Mac

#### M-200i RCS menu

- **About M-200i RCS...** Opens the About M-200i RCS dialog box, which shows the software version of M-200i RCS.
- **Preferences...** Opens the Preferences dialog box (p. 24).
- **Quit M-200i RCS** Quits M-200i RCS.

#### File menu

- **New Project** Opens a new project.
- **Open Project...** Opens an existing project.
- **Save Project** Saves the current project (by overwriting it onto the existing file).
- **Save Project As...** Saves the current project with a different name that you specify.

#### Setup menu

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If you open a project while online, M-200i RCS will switch to offline operation.



The REAC Config dialog box is available only when M-200i RCS is operating offline.

# Using M-200i RCS

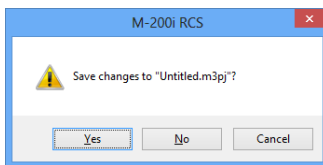
## Opening and saving a project

### Opening a project

#### Opening a new project

- 1 From the “File” menu, choose “New Project.”

A message box will appear, asking you to confirm whether you want to save the current project.



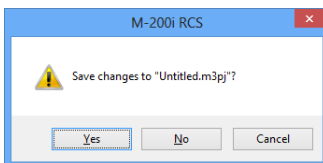
- If you click “Yes,” the current project will be saved.
- If you click “No,” the current project will not be saved.

A new project will open.

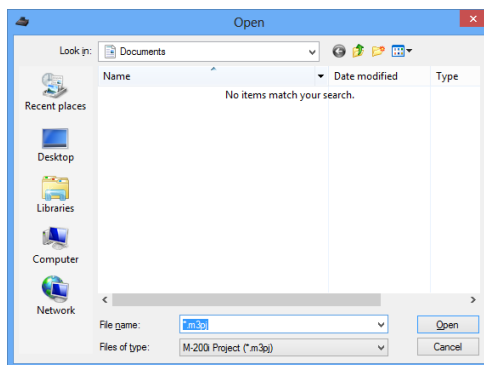
#### Opening an existing project file

- 1 From the “File” menu, choose “Open Project.”

A message box will appear, asking you to confirm whether you want to save the current project.



- If you click “Yes,” the current project will be saved.
- If you click “No,” the current project will not be saved.



The “Open” dialog box will appear.

- 2 Select the desired project file, and click the “Open” button.

The selected project will open.



## Saving a project

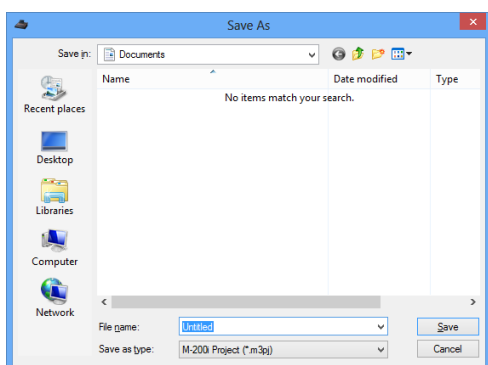
### Saving a project under its current name (Overwrite)

- 1 From the “File” menu, choose “Save Project.”

The project will be saved under its current name, overwriting the existing file.

### Saving a project under a different name

- 1 From the “File” menu, choose “Save Project As.”



The “Save As...” dialog box will appear.

- 2 Specify the file name and location in which you want to save the project, and click the “Save” button.

The project will be saved.

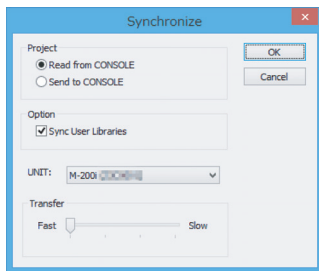
When a project file saved by M-200i RCS is loaded directly by the M-200i console, the following settings will not be loaded:

- SAMPLING FREQ and BRIGHTNESS settings of the SYSTEM screen
- Settings of the REAC screen
- Settings of the USER PREFERENCE screen
- Settings of the REMOTE screen
- Settings of the NETWORK screen

# Switching between modes

## Switching to online mode

- 1 Click the **ONLINE** button.



The "Synchronize" dialog box will appear.

- 2 In the "Project" field, specify the project to which you will synchronize: the project on the M-200i console or the project in M-200i RCS.

Read from CONSOLE	The project will be loaded from the M-200i console into M-200i RCS.
Send to CONSOLE	The project will be sent from M-200i RCS to the M-200i console.

\* If two or more M-200i units are connected to the computer, select the desired unit using the UNIT pulldown menu.

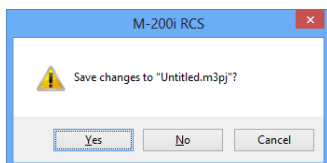
- 3 In the "Option" field, specify whether you want to synchronize the user library.

If you check the "Sync User Libraries" option, operations on the user library of M-200i RCS matches the user library on the M-200i console.

- 4 Click "OK."

If you selected "Read from CONSOLE" in step 2, the current project will be closed, a new project will be opened, and then synchronization will begin.

A message box will ask whether you want to save the current project.



**MEMO**

M-200i RCS will be in offline mode when you start up or when you open a project file.

**MEMO**

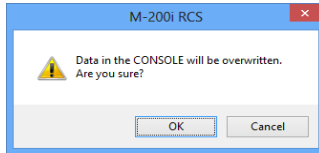
Before you continue, start up the M-200i console, and use a USB cable to connect it to your computer.

**MEMO**

Selection of "Send to CONSOLE" and "Sync User Libraries" will overwrite current libraries on the M-200i console. Be sure to save any needed M-200i libraries to USB memory prior to sending.

- If you click “Yes,” the current project will be saved (by overwriting).
- If you click “No,” the current project will not be saved.
- If you click “Cancel,” project synchronization will be cancelled.

If you selected “Send to CONSOLE” in step 2, a message box will ask you to confirm the project synchronization.



When you click “OK,” project synchronization will begin.

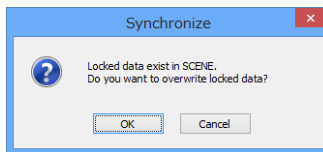
5

**When project synchronization is completed, M-200i RCS will switch to online mode.**



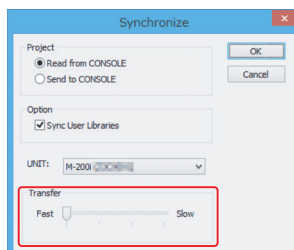
In online mode, you’ll be able to remotely control the M-200i console from M-200i RCS.

If you selected “Send to CONSOLE” in step 2 and the M-200i’s scene memory or user library contains any locked data, a message box will ask you whether you want to overwrite the data.



- If you click “OK,” the data will be overwritten.
- If you click “Cancel,” project synchronization will be cancelled.

On the “Synchronize” dialog box, you can adjust the data transfer speed. If an error is shown while synchronization, set the “Transfer” slider to “Slow” position.



#### MEMO

The M-200i console will show a progress message while the project is being synchronized. Operations on the M-200i will be disabled during this time.

## Switching to offline mode

**1**

Click the ONLINE button.



**2**

M-200i RCS will switch to offline mode.

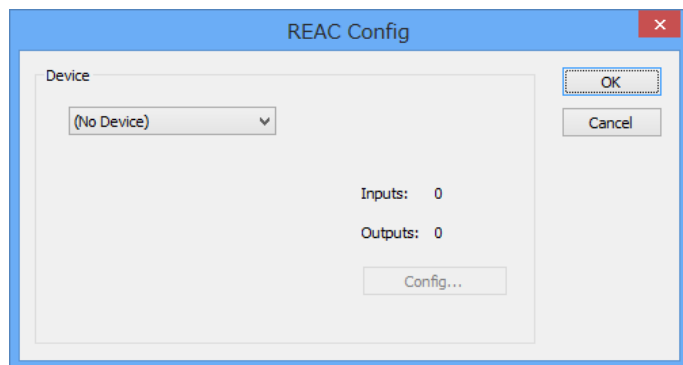


## REAC input/output settings

In offline mode, you can make virtual settings for an input/output unit (e.g., S-1608 stage unit, S-0816 FOH unit, S-4000S 40-channel I/O modular rack) that will later be connected to the M-200i console. This lets you make preamp gain settings or input/output patching ahead of time, to specify the M-200i's input/output settings that will be used at the actual performance.

1

From the "Setup" menu, choose "REAC Config."



The "REAC Config" dialog box will appear.

2

From the pulldown menu, select the input/output unit that you will connect to REAC port.

The pulldown menu gives you the following choices:

(No Device)	No connection
S-1608	S-1608 stage unit
S-0816	S-0816 FOH unit
S-4000S	S-4000S 40-channel I/O modular rack
S-0808	S-0808 8x8 I/O UNIT
S-4000M	REAC MERGE UNIT S-4000M
S-MADI	REAC MADI BRIDGE S-MADI
R-1000	40-TRACK RECORDER/PLAYER R-1000
M-200i	LIVE MIXING CONSOLE M-200i
SPLIT	Setting of REAC split mode

### MEMO

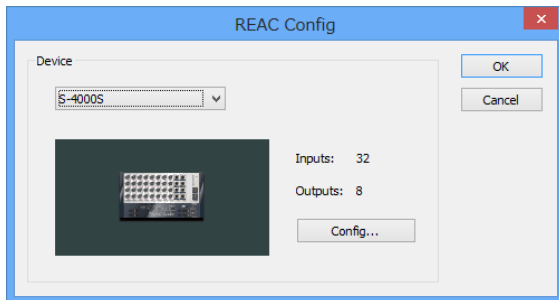
Settings in the REAC Config dialog box are used to supplement offline mode. When you load a project on the M-200i console itself, or switch to online mode, the settings for the input/output units that are actually connected to the M-200i will be applied.

### MEMO

The "REAC Config" dialog box is unavailable in online mode.

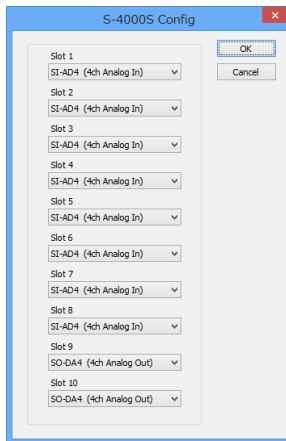
## Changing the S-4000S module configuration

If you choose S-4000S in the REAC Config dialog box, a 32-in/8-out configuration will be applied. To change the S-4000S module configuration, proceed as follows.



**1**

In the REAC Config dialog box, click the “Config” button.



The “S-4000S Config” dialog box will appear.

**2**

Use the Slot1–Slot10 pulldown menus to specify the module for each slot.

The pulldown menu gives you the following choices:

- Blank (empty slot)
- SI-AD4 (4ch Analog In)
- SI-AES4 (4ch Digital In)
- SO-DA4 (4ch Analog Out)
- SO-AES4 (4ch Digital Out)

**3**

Press the “OK” button to close the S-4000S Config dialog box.

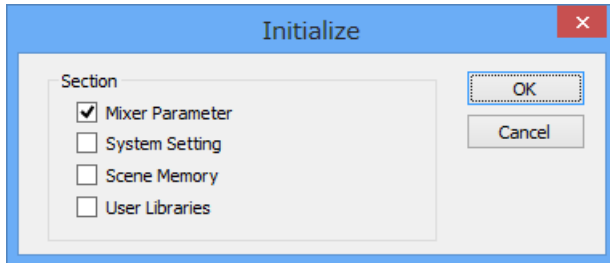
If an error is displayed in step 3, one of the following situations may have occurred. Correct the mistake, and click “OK” once again:

- A module of a differing type is incongruously located between modules; e.g., input module, output module, input module
- A module of a differing type begins at an even-numbered slot
- Only the odd-numbered slot of adjacent odd-numbered/even-numbered slots is blank

## Initializing the settings

**1**

From the “Setup” menu, choose “Initialize.”



The “Initialize” dialog box will appear.

**2**

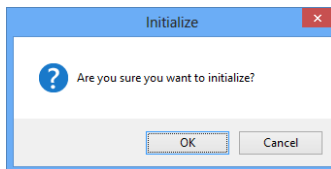
Place a check mark in the sections that you want to initialize.

- Mixer Parameter
- System Setting
- Scene Memory
- User Library

**3**

Click “OK.”

A message box will ask you to confirm the initialization operation.

**4**

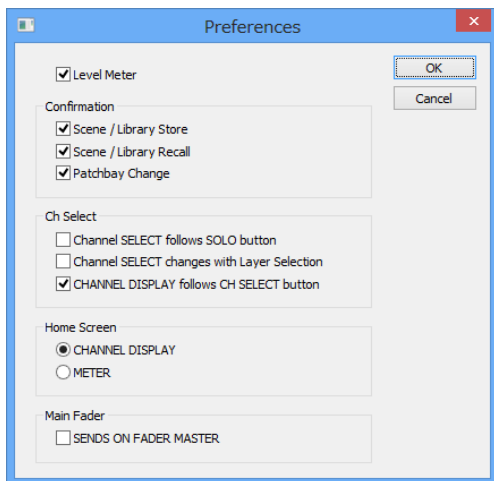
Click “OK” to execute the initialization.

# Preference settings

Here's how to make preference settings within M-200i RCS. The settings you make here will not be reflected in the M-200i console.

1

**Windows:** From the "Setup" menu, choose "Preferences...".  
**Mac:** From the "M-200i RCS" menu, choose "Preferences...".



The "Preferences" dialog box will appear.

2

**Select the desired items, and then click "OK."**

● **Level Meter**

If you select this, level meter data will be received in online mode.

● **Confirmation**

These enable/disable various confirmation messages that appear in the basic screen area. A particular type of confirmation message can be enabled by selecting the corresponding check box.

Scene/Library Store	Confirmation messages when storing a scene or library
Scene/Library Recall	Confirmation messages when recalling a scene or library
Patchbay Change	Confirmation messages when changing the input/output patchbay settings

● **Ch Select**

These items specify what will happen when you select a channel. The items you select will be enabled.

Channel SELECT follows SOLO button	When you press [SOLO], that channel will be selected.
Channel SELECT changes with Layer Selection	When you select a fader layer, the most recently selected channel of that layer will be selected.
CHANNEL DISPLAY follows CH SELECT button	Pressing [SEL] will make the CHANNEL DISPLAY screen appear.

**MEMO**

If the processing load of M-200i RCS is too great in online mode, you can lighten it by clearing the Level Meter check box.



- **Home Screen**

This chooses the home screen. The screen you select here will be the home screen.

CHANNEL DISPLAY	The CHANNEL DISPLAY screen will be used as the home screen.
METER	The METER screen will be used as the home screen.

- **Main Fader**

If you select "SENDS ON FADER MASTER", the MAIN fader module becomes the send-destination AUX/MTX fader, while the SENDS ON FADER mode is on.

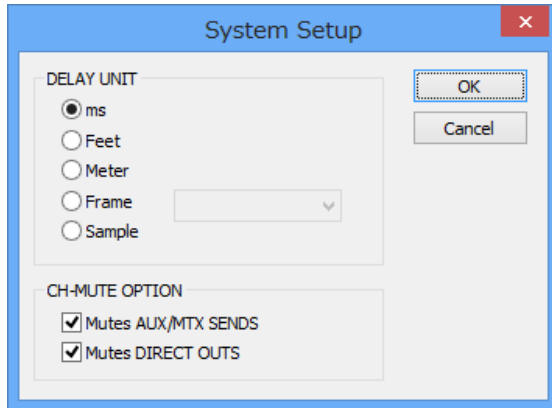
**MEMO**

The home screen is what appears when you click the button of the currently displayed screen (the button shown in blue).

## System settings

1

From the "Setup" menu, choose "System Setup..."



The "System Setup" dialog box will appear.

2

Select the desired items, and then click "OK."

- **DELAY UNIT**

These buttons select the units for the delay shown in the AUX/MTX/MAIN CHANNEL DISPLAY screens and MONITOR screen.

ms	millisecond
Feet	Feet
Meter	Meter
Frame	Frame (24, 25, 29.97, 30fps)
Sample	Sample

- **CH-MUTE OPTION**

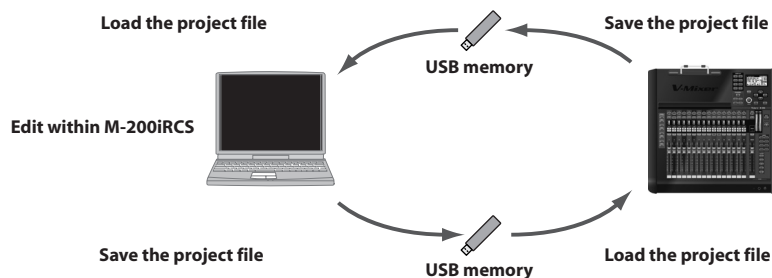
These buttons make the settings for the channel mute options.

Mutes AUX/MTX SENDS	If this is checked, muting input channel also mutes AUX/MTX sends
Mutes DIRECT OUTS	If this is checked, muting input channel also mutes DIRECT OUTs.



# Offline mode

## Operation in offline mode



Offline mode lets you edit M-200i project files when you don't have an M-200i console at hand. A project file you've edited using M-200i RCS can be loaded by the M-200i console.

## Work flow in offline mode

1

On the M-200i console, save a project file to USB memory.



2

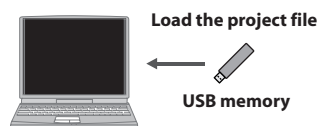
Start up M-200i RCS.



A new project will open.

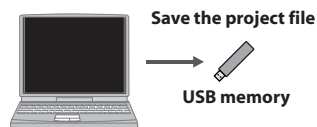
3

In M-200i RCS, open the project file from USB memory.



**4** Edit the project.

If necessary, use the "Reac Config" dialog box to make REAC input/output configuration settings.

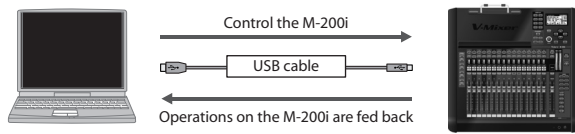
**5** Save the project file, either by overwriting the existing file or under a different name.**6** Exit M-200i RCS.**7** On the M-200i console, load the project file from USB memory.

When a project file saved by M-200i RCS is loaded by the M-200i console, the following settings will not be loaded:

- SAMPLING FREQ and BRIGHTNESS of the SYSTEM screen
- Settings of the REAC screen
- Settings of the USER PREFERENCE screen
- Settings of the REMOTE screen
- Settings of the NETWORK screen

# Online mode

## Operation in online mode



Online mode lets you remotely control the M-200i console from M-200i RCS. Level meter data from the M-200i console and operations performed on the M-200i console are also sent to M-200i RCS.

### MEMO

If you've cleared the "Level Meter" check box in the preference settings, level meter data will not be sent from the M-200i console. (**Preference settings** (p. 24))

## Synchronization in online mode

In online mode, the following operations are synchronized between M-200i RCS and the M-200i console:

- Mixer parameter operations
- Scene memory recall and store operations
- Scene list editing
- Library recall operations

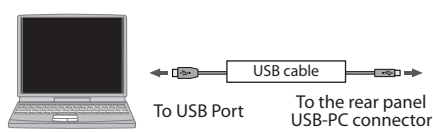
The following operations are not synchronized:

- Switching between screens
- Storing or renaming user library items
- Selection of scene numbers using the [PREV] [NEXT] buttons, etc.

## Work flow in online mode

1

**Start up the M-200i console, and use a USB cable to connect it to your computer.**



**2** Start up M-200i RCS.



A new project will open.

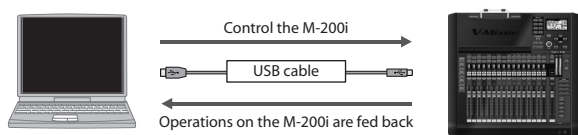
**3** If necessary, open an existing project file.

**4** Click the “ONLINE” button to begin synchronizing the project and enter online mode.

Switching to online mode (p. 18)



**5** In M-200i RCS, remotely control the M-200i console.



**6** Click the “ONLINE” button to choose offline mode.



**7** Save the project if desired.

**8** Exit M-200i RCS.





# Appendix

## Warning/error messages

### Error messages common to the M-200i






Warning/error messages shown in the basic screen area are the same as on the M-200i console. For details on warning/error messages, refer to “Warning/error message list” in the “M-200i owner’s manual.”

### Error messages specific to M-200i RCS

Message	Explanation
Cannot find M-200i console.	The M-200i console was not found.  <b>Can't get an online connection with the M-200i console</b> (p. 32)
The M-200i console does not respond.	The console does not respond.  <b>Can't get an online connection with the M-200i console</b> (p. 32)
The M-200i console refused the connection.	The console might be busy doing something else intensive. Try again.
The USB connection was broken.	The USB connection or cable has been changed in some way as to cause a disconnect.
Communication error	Communication error has occurred.  <b>Can't get an online connection with the M-200i console</b> (p. 32)
S-4000S configuration error	The S-4000S configuration has some problem.  <b>Changing the S-4000S module configuration</b> (p. 22)

## Troubleshooting

### ● Can't get an online connection with the M-200i console

- The USB cable is not connected correctly  
 **Connection to the M-200i** (p. 7)
- The correct settings have not been made on the M-200i console  
 **Settings on the M-200i console** (p. 7)
- The V-Mixer driver is not installed correctly  
 **About the V-Mixer Driver** (p. 6)
- You're using an incompatible operating system  
 **Operating requirements** (p. 6)
- The data transfer is too fast  
 (p. 19)