

The V-1HD RCS program is designed to control the V-1HD using a computer. By connecting the V-1HD and a computer via USB, along with operating the unit remotely from the computer, you can also back up and restore settings and perform updates for the system software.

V-1HD RCS

Dedicated Remote Control Software

Owner's Manual Ver. 2.0 and later

- * V-1HD RCS can be used with V-1HD units that are running version 2.0 or later. Be sure to update your V-1HD unit to the latest version.
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System Requirements

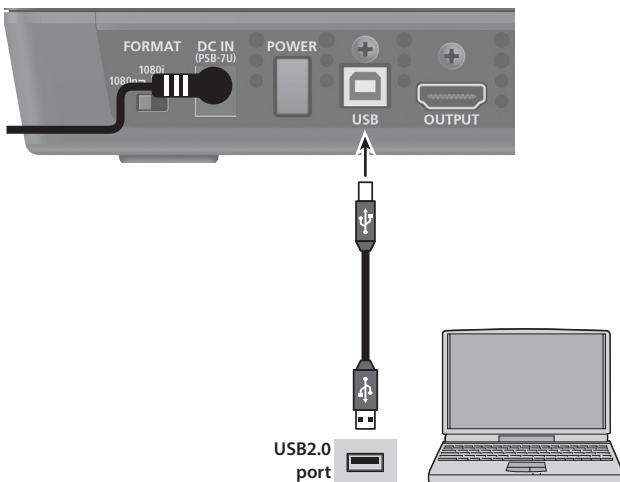
Operating System	Windows	Windows 7 Service Pack 1 or later Windows 8.1 Windows 10
	Mac	macOS 10.12 or later
CPU	Windows	Intel Core 2 Duo or higher, or compatible processor * No assurance is made regarding the compatibility of compatible processors themselves.
	Mac	Intel Processor
RAM	2 GB or more	
Required Disk Space	100 MB or more	
Graphics	1280 x 720 resolution or higher Full Color (24-bit) or higher	
USB Port	USB 2.0	

* Operation of V-1HD RCS on a standard computer that satisfies the conditions just described has been confirmed, but all operation under these conditions is not assured. Please be aware that even under identical conditions, computer-specific differences in design specifications or usage environment might result in differences in processing capacity.

Connecting a Computer Via USB

* Making the connection using an extension cable or USB hub might result in the computer failing to recognize the V-1HD. We recommend using a direct connection between the V-1HD and the computer.

1. Using a USB cable, connect a USB 2.0 port on the computer to the USB port on the V-1HD.



2. Turn on the power to the V-1HD.
3. Start the computer.
4. Wait for communication between the V-1HD and the computer to be established.

When communication with the computer starts, the operating system's standard driver is automatically installed

Starting and Shutting down the V-1HD RCS

Starting the V-1HD RCS

1. Windows

At the computer's "Start" menu, select "All Programs" → "Roland V-1HD RCS" → "V-1HD RCS" to start the program.

The V-1HD RCS will be started and the V-1HD RCS window will appear on the desktop.

Mac

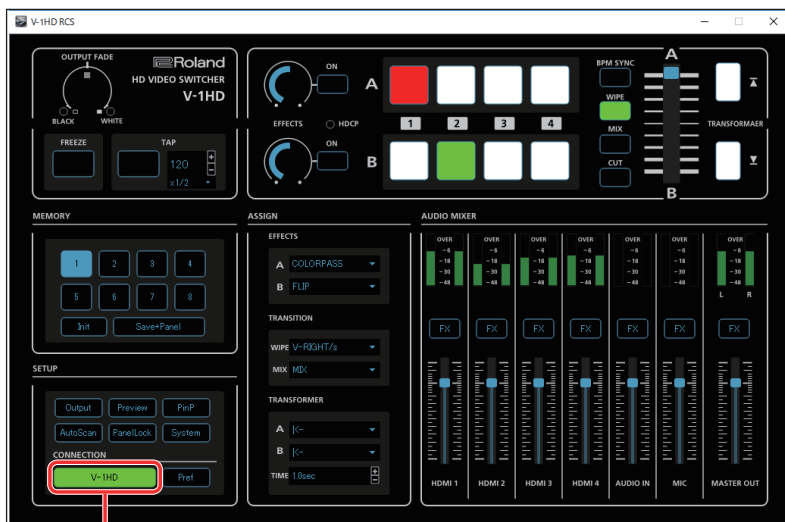
Double-click the V-1HD RCS icon.

The V-1HD RCS will be started and the V-1HD RCS window will appear on the desktop.



2. Click the [V-1HD] button.

The [V-1HD] button lights up, and you can now operate the V-1HD remotely using V-1HD RCS.



[V-1HD] button

V-1HD On

V-1HD Off

--- Not connected to the computer

NOTE

If the [V-1HD] button fails to light up, press and hold the [[TAP] BPM] button on the V-1HD → at the SETUP menu, check whether "MIDI Rx SOURCE" is set to "USB." If it is set to "MIDI IN," change the setting to "USB."

Shutting down the V-1HD RCS

1. Windows

Click the Close button (button) for the V-1HD RCS window.

V-1HD RCS will quit.

Mac

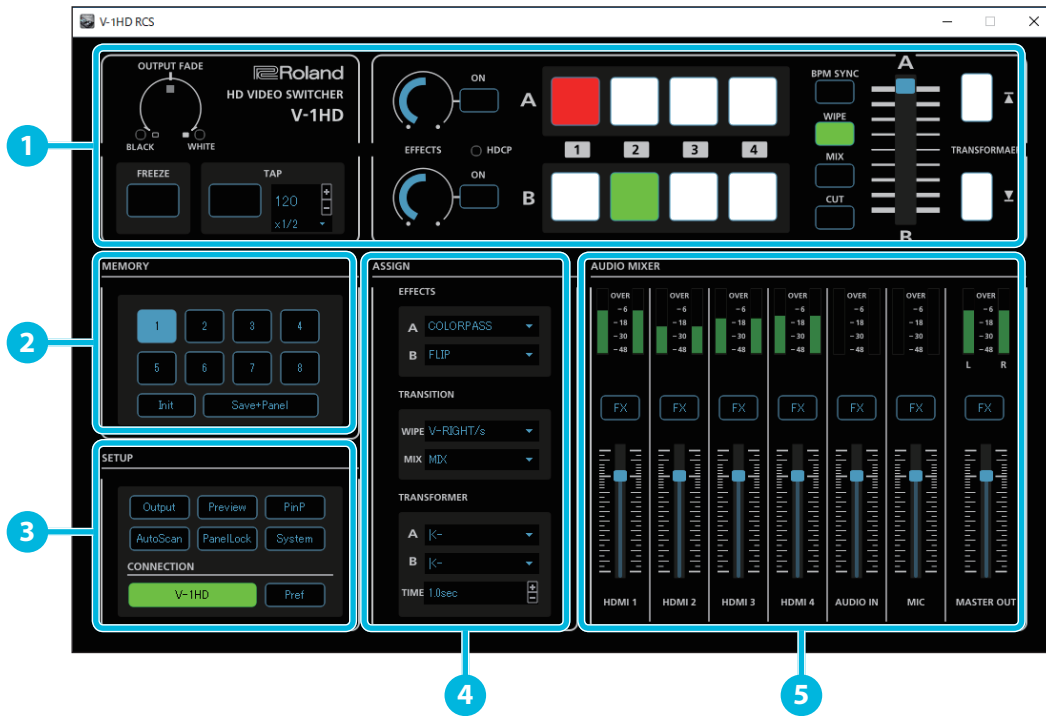
Click the Close button (button) for the V-1HD RCS window.


Alternatively, go to the "V-1HD RCS" menu and select "V-1HD RCS."

V-1HD RCS will quit.

Part Names and Functions

For more details on setting items, refer to the V-1HD Owner's Manual, "Menu List".



No.	Name	Explanation
1	Operation panel	<p>This operates the operation panel on the V-1HD by remote control.</p>  <p>At the TAP section, you change the settings of SETUP menu items "BPM" and "BPM SYNC" on the V-1HD.</p>
2	MEMORY	<p>These save the settings for the ASSIGN area and AUDIO MIXER area to the currently selected memory. Using these in combination with the [Save+Panel] button saves the state of the operation panel. Also, selecting a memory number calls up its saved settings. The currently selected button lights up.</p> <ul style="list-style-type: none"> * To update the state of the operation panel when calling up a memory, click the [SYSTEM] button → at the system settings dialog box, set "MEMORY PANEL LOAD" to "ON." * The settings for the SETUP area and for the TAP section of the operation panel are not saved to the memory. Only a single set is saved in the V-1HD itself.
	[Init] Button	This initializes the content of the currently selected memory.
	[Save+Panel] Button	Turning the [Save+Panel] button on (lighted) and then clicking a memory selection button [1]-[8] saves the state of the operation panel to the memory.

No.	Name	Explanation		
3	SETUP	[Output] Button	This displays the settings dialog box for the main output video.	
		[Preview] Button	This displays the settings dialog box for the preview output video.	
		[PinP] Button	This displays the settings dialog box for PinP.	
		[AutoScan] Button	This displays the settings dialog box for Auto Scan.	
		[PanelLock] Button	This displays the settings dialog box for Panel Lock.	
		[System] Button	This displays the system settings dialog box. * The value of "MIDI Rx SOURCE" is fixed at "USB" and cannot be changed.	
			[Init] Button	This initializes the setting items in the system settings dialog box. * The value set for "FRAME RATE" is retained.
			[Backup] Button	This backs up the V-1HD's settings to a computer (p. 6).
			[Restore] Button	This restores backed-up data on a computer to the V-1HD (p. 6).
		[V-1HD] Button	This turns the remote control functioning of V-1HD RCS on and off (p. 3). When this is turned on (lighted), you can remote control of the V-1HD from V-1HD RCS. * The button is displayed with the name of the MIDI device selected by clicking the [Pref] button → at the preferences dialog box, making the selection for "MIDI In Device" (Windows) or "MIDI Device" (Macintosh).	
[Pref] Button	This displays the preferences dialog box.			
	[Scan] Button	This scans for MIDI devices connected to the V-1HD and adds them to the drop-down lists for the following items. Windows: "MIDI In Device" and "MIDI Out Device" Macintosh: "MIDI Device"		
	[Select] Button	This applies changes to the following items. Windows: "MIDI In Device" and "MIDI Out Device" Macintosh: "MIDI Device"		
	[Update] Button	This updates the V-1HD's system program(p. 7).		
4	ASSIGN	EFFECTS	A	This specifies the effect assigned to the EFFECTS A [ON] button.
			B	This specifies the effect assigned to the EFFECTS B [ON] button.
		TRANSITION	WIPE	This specifies the transition pattern assigned to the [WIPE] button.
			MIX	This specifies the transition pattern assigned to the [MIX] button.
		TRANSFORMER	A	This specifies the Function assigned to the TRANSFORMER [▲] button.
			B	This specifies the Function assigned to the TRANSFORMER [▼] button.
TIME	This sets the length of time for applying a video transition.			
5	AUDIO MIXER	AUDIO Level Meter	These display the volume levels of input/output audio.	
		[FX] Button	These display the settings dialog box for audio. The [Comp], [Gate], [HPF], [Mastering], and [Audio Follow] buttons turn their respective functions on and off.	
		AUDIO Level Fader	These adjust the volume level of input/output audio.	

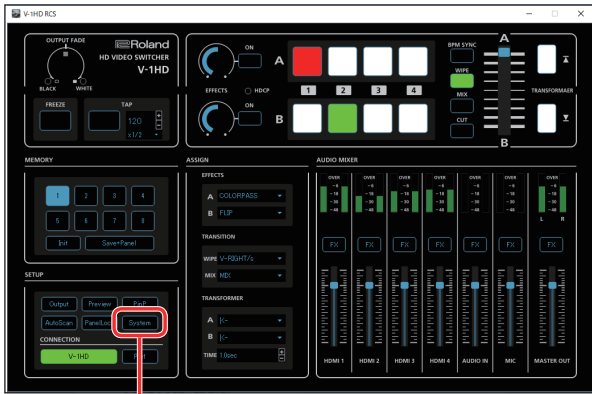
* Clicking the [OK] or [Exit] button quits the respective dialog box.

Backing Up/Restoring the V-1HD's Settings

You can back up the values of settings on the V-1HD to a computer connected via USB. You can then restore the backed-up data to the V-1HD when needed.

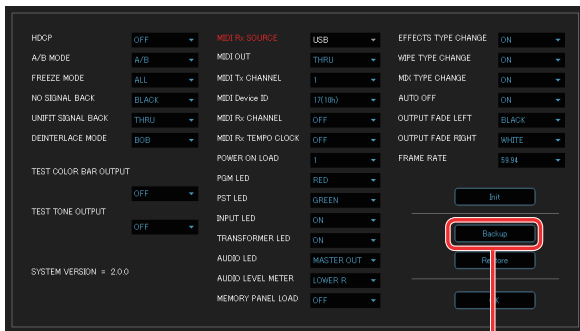
Backing Up

1. Click the [System] button.



[System] button

2. When the system settings dialog box appears, click the [Backup] button.



[Backup] button

3. When the popup dialog box appears, click the [Backup] button.



[Backup] button

4. When the Backup Text File dialog box appears, specify a destination for saving the file and a file name (*.txt), then click the [Save] button.

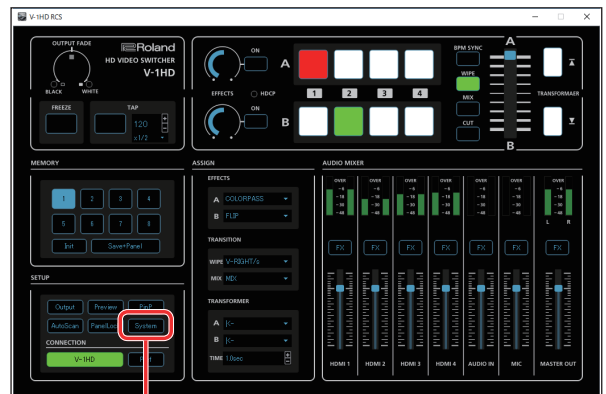
(To quit without backing up, click the [Cancel] button.)
 The V-1HD's setting are backed up as a file on the computer.
 When the message "Complete" appears in the popup dialog box, the operation has finished.

Restoring

NOTE

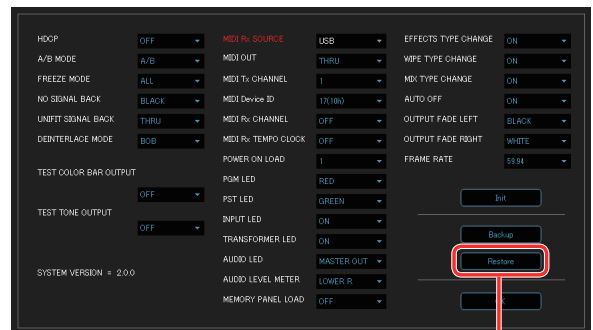
Restoring backed-up data overwrites the current values of settings on the V-1HD.

1. Click the [System] button.



[System] button

2. When the system settings dialog box appears, click the [Restore] button.



[Restore] button

3. When the popup dialog box appears, click the [Restore] button.



[Restore] button

4. When the Restore Text File dialog box appears, select the backed-up data to restore, then click the [Open] button.

(To quit without restoring, click the [Cancel] button.)
 The restore operation is executed.
 When the message "Complete" appears in the popup dialog box, the operation has finished.

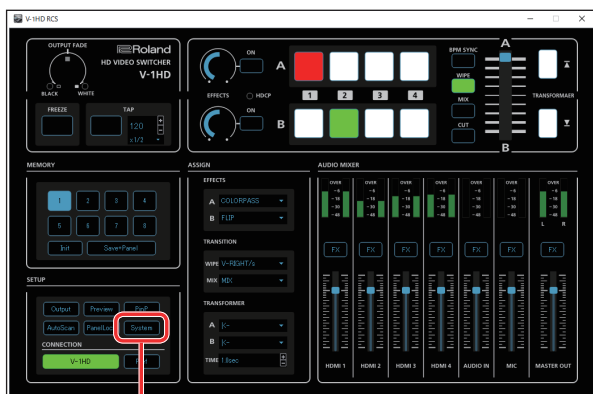
MEMO

You can also perform a restore operation by dragging the backup file (*.txt) to the popup dialog box.

Updating the System Software of the V-1HD

How to tell the version

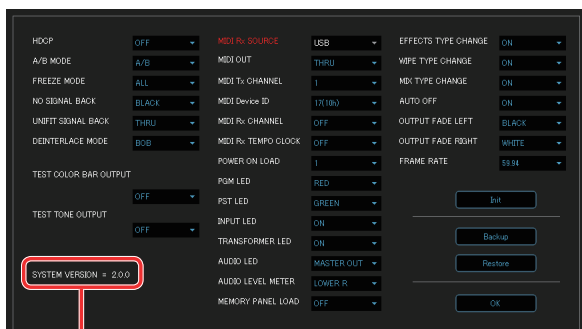
1. Click the [System] button.



[System] button

2. When the system settings dialog box appears, check the current version information.

* Don't perform the update if the product is already up-to-date.



System program version information

MEMO

You can also check the current version information by pressing and holding the V-1HD's [TAP (BPM)] button → viewing the setup menu's "VERSION" item.

Getting the update file

Download the system program file for the V-1HD from the following Roland website.

Upgrade information for the system program is provided at the Roland website.

<http://proav.roland.com>

Updating the System Software

NOTE

Never turn off the V-1HD's power while the update is in progress. Otherwise the system program or the V-1HD itself may be destroyed.

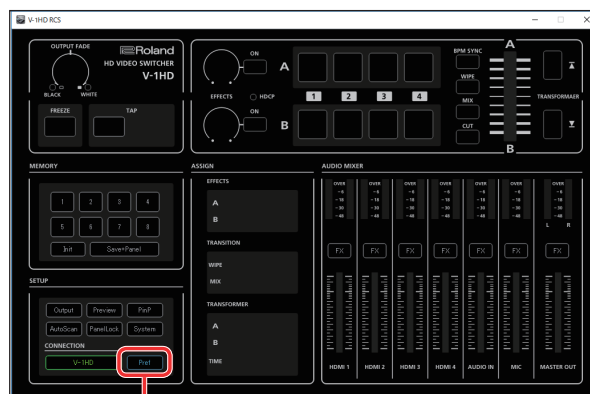
1. Using a USB cable, connect the V-1HD and the computer (p. 2).
2. On the V-1HD, hold down the [AUDIO] button and turn on the power.



The unit starts with the [AUDIO] button lighted up in red.

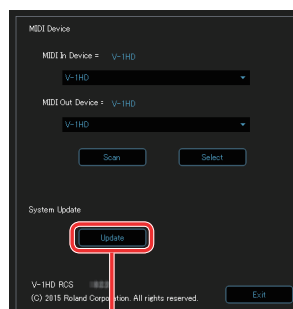
3. Start V-1HD RCS, and then click the [Pref] button.

* Even when the [V-1HD] button is not turned on (lighted), you can carry out an update as long as the V-1HD and computer are connected.



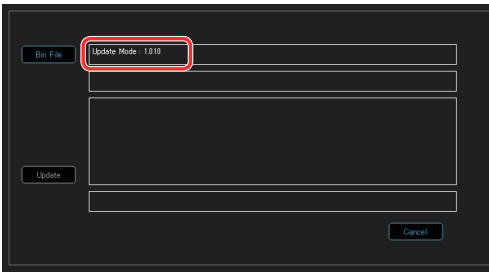
[Pref] button

4. When the preferences dialog box appears, click the [Update] button.



[Update] button

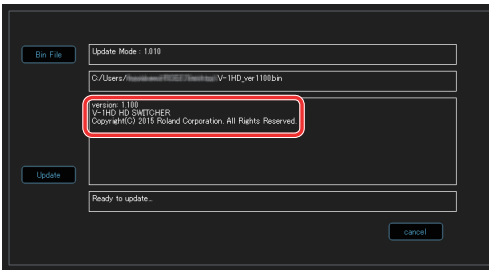
- When the Update dialog box appears, check to make sure "Update Mode" is displayed in the top field.



* If "----" is displayed in the top field, disconnect and reinsert the USB cable.

- Drag the program file (V-1HD_ver****.bin) to the Update dialog box and drop it.

The version information for the update file is displayed in the middle field.



MEMO

You can also select the program file by clicking the [Bin File] button → making the selection at the Update Bin File dialog box.

- Click the [Update] button.

(To quit without updating, click the [Cancel] button.)



[Update] button

The update starts.

When the update is completed, the message "Update Complete" appears and the V-1HD is automatically powered-off.

- Check the version information.

Follow the procedure in "How to tell the version" (p. 7) to check whether the system has been updated.

* If the update operation turns off the power, to turn the power to the V-1HD on again, first unpress the [POWER] button, then turn the power back on.