Roland

MULTI-FORMAT VIDEO SWITCHER V-800HD

Reference Manual

This document describes menu items and messages of the V-800HD.
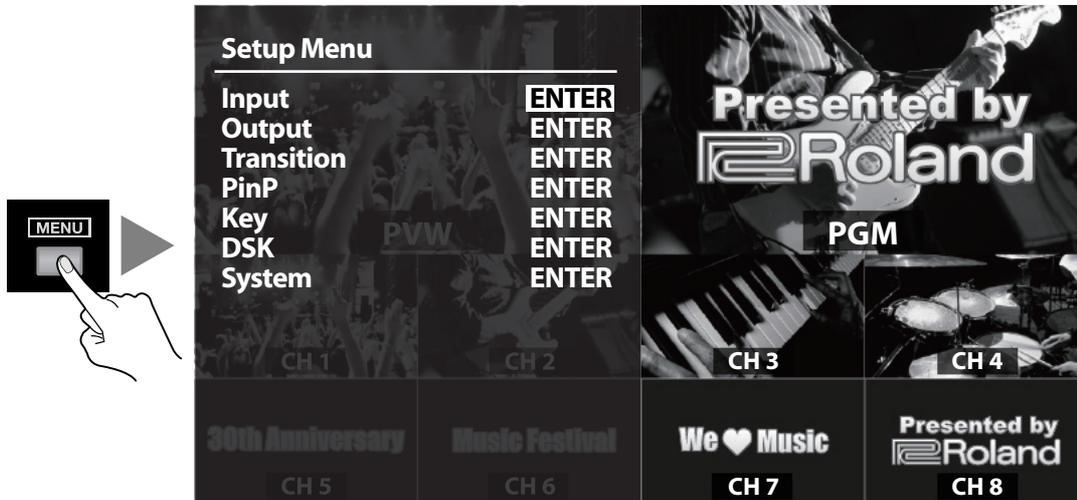
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Menu List

Press the [MENU] button on the top panel to call up the menu items. The menu will appear on the multi-view monitor connected to the V-800HD.

* Press the [MENU] button again or the press the [EXIT] button to make the menu disappear.

Setup Menu

Input	ENTER
Output	ENTER
Transition	ENTER
PinP	ENTER
Key	ENTER
DSK	ENTER
System	ENTER

The first level menu items (as below) are displayed at first. For detailed menu items and the values, refer to the following pages of this document.

Input	This is for input setup like source assign etc.
Output	This is for output setup like format selection etc.
Transition	This is for transition setup.
PinP	This is for Picture in Pictue setup.
Key	This is for luminace and chroma key setup.
DSK	This is for DSK setup.
System	This is for system setup of the V-800HD.

(MEMO)
The values in [ ] are the factory default values of the V-800HD. Hold down [ENTER] button and press [EXIT] button to make the value return to default.

(MEMO)
You can also change a setting value up or down by 10 units by holding down the [ENTER] button and turning the [VALUE] dial.

(MEMO)
" **1.5** " marks are inscribed on the function which became an addition from the version 1.5.

(MEMO)
For information about version1.50 software, download from the following Roland website.

http://www.rolandsystemsgroup.net/

1.5 Supports Multi-view monitor not compatible with HDCP

• As the multi-view monitor, now you can connect HDCP non-compatible product.
• However, of HDCP of the V-800HD is turned on, the multi-view screen is filled with plain blue. It can display the menu screen only.

Input Menu

Item	Display/Value	Explanation
Ch.1 - Ch.4	No Signal, 720x480@59.94Hz - 1920x1080@59.94Hz	This part displays the current input format.
	[3G/HD/SD-SDI], Composite, Shared Input	This part displays the currently selected input jack. You cannot select [Shared Input] for Ch.1. When the menu is not displayed, you can switch this setting by pressing [MENU]+[PST/EFFECT].
Ch.5 - Ch.8	No Signal, 720x480@59.94Hz - 1920x1200@60.00Hz	This part displays the current input format. [HDCP] is displayed while signal with HDCP is input.
	[DVI-D/HDMI] or [DVI-A], RGB/Component, Shared Input	This part displays the currently selected input jack. You cannot select [Shared Input] for Ch.5. When the menu is not displayed, you can switch this setting by pressing [MENU]+[PST/EFFECT].

* The displayed jack name differs depending on the switch position on rear panel. If you are selecting DVI-D, [DVI-D/HDMI] is displayed. If you switch to DVI-A, the display will be [DVI-A].

Item	Display/Value	Explanation
Ch.9	Memory No.1, Still Image	This part shows the currently selected memory No. of still images. When the menu is not displayed, you can switch this setting by pressing [MENU]+[PST/EFFECT].
Ch.10	R:16 G:16 B:16	This part shows either the color values of the background color or the memory number of the currently assigned background image.
	[Background], Still Image	When the menu is not displayed, you can switch this setting by pressing [MENU]+[PST/EFFECT].

MEMO

If the [ENTER] mark is displayed on top of the menu screen, you can move to lower levels by pressing the [ENTER] button. Change setup values on lower levels.

◀ENTER▶

Detailed setup of Ch.1 - Ch.4 (3G/HD/SD-SDI, Composite, Shared Input)

Item	Display/Value	Explanation
Scaling		You can change scaling settings with items below.
Zoom	10% - [100%] - 1000%	This sets the zoom ratio.
Type	[Full], Letterbox, Crop,	This selects the scaling type.
	Dot by Dot, Manual	The scaling type changes as described below:
		Full : The input image will be displayed fully on output screen. The aspect ratio will be changed.
		Letterbox : The entirety of the input image will be displayed on output screen. The aspect ratio will be maintained.
		Crop : The input image will be displayed fully on the output screen. The aspect ratio will be maintained.
		Dot by Dot : Scaling will not be executed.
		Manual : The scaling will be executed depending on the manual settings below.
Manual Size H	-2000 - [0] - +2000	This sets the horizontal size.
Manual Size V	-2000 - [0] - +2000	This sets the vertical size.
Position H	-1920 - [0] - +1920	This sets the horizontal position.
Position V	-1200 - [0] - +1200	This sets the vertical position.

* Depending on the input/output format settings, the range of value settings will be altered. The values above are the minimum/maximum values.

Item	Display/Value	Explanation
Color Correction		You can change color correction settings with items below.
Brightness	-64 - [0] - +63	This adjusts the brightness.
Contrast	-64 - [0] - +63	This adjusts the contrast.
Saturation	-64 - [0] - +63	This adjusts the color saturation.
Red	-64 - [0] - +63	This adjusts the red level.
Green	-64 - [0] - +63	This adjusts the green level.
Blue	-64 - [0] - +63	This adjusts the blue level.

Detailed setup of Ch.5 - Ch.8 (DVI-D/HDMI)

Item	Display/Value	Explanation
Color Space	[Auto],	This selects the color space.
	RGB(0-255), RGB(16-235),	
	YCC(SD), YCC(HD)	
Flicker Filter	ON, [OFF]	This turns on/off the flicker filter.
Scaling		You can change scaling settings. (same as Ch.1 - Ch.4)
Color Correction		You can change color correct settings. (same as Ch.1 - Ch.4)

Detailed setup of Ch.5 - Ch.8 (DVI-A, RGB/Component)

Item	Display/Value	Explanation
Color Space	[Auto],	This selects the color space.
	RGB(0-255), RGB(16-235),	
	YCC(SD), YCC(HD)	
Flicker Filter	ON, [OFF]	This turns on/off the flicker filter.
Scaling		You can change scaling settings. (same as Ch.1 - Ch.4)
Color Correction		You can change color correct settings. (same as Ch.1 - Ch.4)
Sampling		You can change sampling settings with items below.
Auto Sampling	Execute	Press [ENTER] button to execute auto sampling setup.
Position H	-1920 - [0] - +1920	This sets the horizontal start position of sampling.
Position V	-1200 - [0] - +1200	This sets the vertical start position of sampling.
Frequency	-128 - [0] - +127	This sets the sampling frequency.
Phase	-128 - [0] - +127	This sets the sampling phase.

* Depending on the input/output format settings, the range of value settings will be altered. The values above are the minimum/maximum values.

Detailed setup of Ch.5 - Ch.8 (Shared Input)

Item	Display/Value	Explanation
Scaling		You can change scaling settings. (same as Ch.1 - Ch.4)
Color Correction		You can change color correct settings. (same as Ch.1 - Ch.4)

Detailed setup of Ch.9 - Ch.10 (Still Image)

Item	Display/Value	Explanation
Still Image Memory No.	[1] - 16	This selects the memory No. of still images. The loaded number is displayed with [*].
Position H	-1920 - [0] - +1920	This sets the horizontal display position.
Position V	-1200 - [0] - +1200	This sets the vertical display position.

* Depending on the input/output format settings, the range of value settings will be altered. The values above are the minimum/maximum values.

Color Correction		You can change color correct settings. (same as Ch.1 - Ch.4)

Detailed setup of Ch.10 (Background)

Item	Display/Value	Explanation
Color		You can change the background color setting with R/G/B values.
Red	0 - [16] - 255	This adjusts the red level.
Green	0 - [16] - 255	This adjusts the green level.
Blue	0 - [16] - 255	This adjusts the blue level.

Output Menu

Item	Display/Value	Explanation
Format		You can change output format settings with items below.
Main	480i4:3 - [1080i] - WUXGA	This selects the main output format.
RGB/Component	480p4:3 - [SXGA] - WUXGA	This selects the RGB/Component output format.
		* Interlaced output is not available.
Composite	[480i4:3/576i4:3], 480i16:9, 576i16:9	This selects the Composite output format.
1.5 AUX Source	Mixer Input, Mixer Output, DSK Source, DSK Output, Input CH.1, ... Input CH.10	This selects the signal to be sent to the AUX bus. You can directly send the input channel signal to the AUX bus. However, you cannot use DSK while you are selecting input signal.
Source Assign		You can assign the signal bus to various output jacks. If an HDCP connection is found, [HDCP] appears of the left side of the jack name. The format in the parentheses () represents the currently selected output format. If this is blank, no signal is currently being output.
SDI 1	[PGM], PVW, AUX	This selects the bus to be sent to SDI 1 jack.
SDI 2	PGM, [PVW], AUX	This selects the bus to be sent to SDI 2 jack
DVI-D/HDMI 1	[PGM], PVW, AUX	This selects the bus to be sent to DVI-D/HDMI 1 jack.
DVI-D/HDMI 2	PGM, [PVW], AUX	This selects the bus to be sent to DVI-D/HDMI 2 jack.
RGB/Component	[PGM], PVW, AUX	This selects the bus to be sent to RGB/Component jack.
Composite	[PGM], PVW, AUX	This selects the bus to be sent to Composite jack.

* Only the common bus can be selected for RGB/Component jack and Composite jack. Individual selection is not possible.

Item	Display/Value	Explanation
HDMI	[Multi-view]	The output format for Multi-view monitor is fixed.

Detailed setup of Main

Item	Display/Value	Explanation
Scaling		You can change scaling settings with items below.
Zoom	10% - [100%] - 1000%	This sets the zoom ratio.
Size H	-2000 - [0] - +2000	This sets the horizontal size.
Size V	-2000 - [0] - +2000	This sets the vertical size.
Position H	-1920 - [0] - +1920	This sets the horizontal position.
Position V	-1200 - [0] - +1200	This sets the vertical position.

* Depending on the input/output format settings, the range of value settings will be altered. The values above are the minimum/maximum values.

Item	Display/Value	Explanation
Cropping		You can change cropping settings with items below.
Orientation	[Upper Left], Upper Right, Lower Left, Lower Right, Center	This sets the orientation of cropping.
Type	[Full], 4:3, 5:4, 16:9, Manual	This selects the cropping type from below.
		Full : When the Zoom value is 100%, the entirety of the image is shown on the output screen.
		4:3, 5:4, 16:9 : The image will be cropped according to the selected aspect ratio. If the Zoom value is 100%, the image will be letterboxed.
		Manual : The image will be cropped according to the values below.
Manual Size H	0 - [128] - 2000	This sets the horizontal size.
Manual Size V	0 - [128] - 2000	This sets the vertical size.

* Depending on the input/output format settings, the range of value settings will be altered. The values above are the minimum/maximum values.

Item	Display/Value	Explanation
1.5 Color Correction		You can change color correct settings with items below. The range of color correction is expanded.
Brightness	-128 - [0] - +127	This adjusts the brightness.
Contrast	-128 - [0] - +127	This adjusts the contrast.
Saturation	-128 - [0] - +127	This adjusts the color saturation.
Red	-64 - [0] - +63	This adjusts the red level.
Green	-64 - [0] - +63	This adjusts the green level.
Blue	-64 - [0] - +63	This adjusts the blue level.
1.5 3G-SDI Mapping	Level A, Level B	The V-800HD ver. 1.5 supports level B mapping structure of 3G-SDI (1080p50Hz, 1080p59.94Hz).The 3G-SDI mapping structure of the input signal is detected automatically.The mapping structure of 3G-SDI output signal can be selected using the menu.
DVI-D/HDMI		You can change settings related to the DVI-D/HDMI output jack.
Output 1		You can change settings of the DVI-D/HDMI output 1.
Signal Mode	[DVI-D], HDMI	This selects the output mode.
Color Space	[RGB(0-255)], RGB(16-235), YCC(444), YCC(422)	This selects the color space.
Output 2		You can change settings of the DVI-D/HDMI output 2.
Signal Mode	[DVI-D], HDMI	This selects the output mode.
Color Space	[RGB(0-255)], RGB(16-235), YCC(444), YCC(422)	This selects the color space.

Detailed setup of RGB/Component

Item	Display/Value	Explanation
Color Space	[Auto], RGB(0-255), RGB(16-235), YCC(SD), YCC(HD)	This selects the color space.
Scaling		You can change scaling settings. (same as Main)
Color Correction		You can change color correct settings. (same as Main)

Detailed setup of Composite

Item	Display/Value	Explanation
Scaling		You can change scaling settings. (same as Main)
Color Correction		You can change color correct settings. (same as Main)

Transition Menu

Item	Display/Value	Explanation
Time	0.0s - [1.0s] - 10.0s, 0s0f - 10s0f, 0f - 300f	This sets the transition time. The displayed value differs depending on system frame rate and the Unit setup.
Unit	[Seconds], Seconds.Frames, Frames	This selects the time unit to be displayed.
Wipe Pattern	1 - 7, [MIX]	This selects the transition type.

Detailed setup of Wipe Pattern 1 - 7

Select one from [1] to [7] and press [ENTER] to execute the detailed setup as below.

Item	Display/Value	Explanation
Pattern	Horizontal, Vertical, Horizontal Open, Vertical Open, Upper Left, Upper Right, Lower Left, Lower Right, Box	This selects the wipe pattern. The factory default setting of Wipe Pattern buttons [1] - [7] are as below. 1 Horizontal 2 Vertical 3 Upper Left 4 Upper Right 5 Lower Left 6 Lower Right 7 Box
Direction	[Normal], Reverse, N/R	This selects the wipe direction.
Border		You can change border settings with items below.
Width	[0] - 63	This sets the border width.
Red	0 - [128] - 255	This sets the red level of border color.
Green	0 - [128] - 255	This sets the green level of border color.
Blue	0 - [128] - 255	This sets the blue level of border color.

PinP Menu

Item	Display/Value	Explanation
Status	[OFF], PVW, PGM	Select output status of PinP from below.
		OFF No display.
		PVW Display on PVW output.
		PGM Display on PGM output.
Position	1 - 4	Select one of the Positions [1] - [4] and press the [ENTER] button to execute the detailed setup.

Detailed setup of Position 1 - Position 4

Item	Display/Value	Explanation
PinP		You can change settings of PinP buttons [1] - [4].
Size	-10% - [30%] - +100%	This sets the size of the inset screen.
Position H	-100% - +100%	This sets the horizontal position of the inset screen.
Position V	-100% - +100%	This sets the vertical position of the inset screen.
Cropping Type	[Original], 4:3, 5:4, 16:9, Manual	This selects the cropping type of the inset screen.
Manual Cropping H	-2000 - [0] - +2000	This sets the horizontal cropping width.
Manual Cropping V	-2000 - [0] - +2000	This sets the vertical cropping width.
		* Manual cropping is valid when [Manual] is selected as Cropping Type.
Border		You can change settings of PinP border with items below.
Width	0 - [5] - 63	This sets the border width.
Color		Border color can be set with items below.
Red	0 - [128] - 255	This sets the red level of border color.
Green	0 - [128] - 255	This sets the green level of border color.
Blue	0 - [128] - 255	This sets the blue level of border color.
View		You can zoom in/out or change view position of the image in inset screen.
Size	10% - [100%] - 1000%	This sets the zoom ratio.
Position H	-1920 - [0] - +1920	This sets the horizontal view position.
Position V	-1200 - [0] - +1200	This sets the vertical view position.

* Depending on the input/output format settings, the range of value settings will be altered. The values above are the minimum/maximum values.

(MEMO)

The factory default settings of PinP buttons [1] through [4] are as below.

- 1 : Position H : -25%, Position V : -25%
- 2 : Position H : +25%, Position V : -25%
- 3 : Position H : -25%, Position V : +25%
- 4 : Position H : +25%, Position V : +25%

Key Menu

Item	Display/Value	Explanation
Status	[OFF], PVW, PGM	Select output status of Key composition from below.
		OFF Not display.
		PVW Display on PVW output.
		PGM Display on PGM output.
Mode	[Self key], External Key	This selects the key mode.

Detailed setup of Self Key

Item	Display/Value	Explanation
Type	Luminance 1 (White), [Luminance 2 (Black)], Chroma 1 (Blue), Chroma 2 (Green)	This selects the extraction color.
		Luminance 1 (White) : This extracts the brighter area of the image.
		Luminance 2 (Black) : This extracts the darker area of the image.
		Chroma 1 (Blue) : This extracts the blue area of the image.
		Chroma 2 (Green) : This extracts the green area of the image.
Level	0 - [32] - 255	This sets the amount of extraction.
1.5 Hue		This adjusts the extraction color. This is valid when [Chroma 1] or [Chroma 2] is selected as the Type.
		The extraction color was fixed to blue or green in previous version. Now it's possible to fine adjust the color.
Fine	-128 - +127	This sets the center value of the hue adjustment.
Width	-128 - +127	This sets the width of the hue adjustment.
		(This affects same as previous hue setting).
Saturation	-128 - [0] - +127	This adjusts the saturation of the extraction color. This is valid when [Chroma 1] or [Chroma 2] is selected as the Type.
Gain	[0] - 255	This sets the amount of edge blur.

Detailed setup of External Key

Item	Display/Value	Explanation
Type	White, [Black]	This selects the extraction color.
Key Coupling	Fill - Source	This sets the external key source for each key fill channels.
Ch.1	Ch.1 - [Ch.8] - Ch.10	This sets the external key source channel when the key fill is Ch.1.
Ch.2	Ch.1 - [Ch.8] - Ch.10	This sets the external key source channel when the key fill is Ch.2.
Ch.3	Ch.1 - [Ch.8] - Ch.10	This sets the external key source channel when the key fill is Ch.3.
Ch.4	Ch.1 - [Ch.8] - Ch.10	This sets the external key source channel when the key fill is Ch.4.
Ch.5	Ch.1 - [Ch.8] - Ch.10	This sets the external key source channel when the key fill is Ch.5.
Ch.6	Ch.1 - [Ch.8] - Ch.10	This sets the external key source channel when the key fill is Ch.6.
Ch.7	Ch.1 - [Ch.8] - Ch.10	This sets the external key source channel when the key fill is Ch.7.
Ch.8	Ch.1 - [Ch.8] - Ch.10	This sets the external key source channel when the key fill is Ch.8.
Ch.9	Ch.1 - [Ch.8] - Ch.10	This sets the external key source channel when the key fill is Ch.9.
Ch.10	Ch.1 - [Ch.8] - Ch.10	This sets the external key source channel when the key fill is Ch.10.

DSK Menu

Item	Display/Value	Explanation
PGM Output	[OFF], ON	This turns on/off the PGM output of DSK.
PVW Output	[OFF], ON	This turns on/off the PVW output of DSK.
Type	Luminance 1 (White), [Luminance 2 (Black)], Chroma 1 (Blue), Chroma 2 (Green)	This selects the extraction color.
		Luminance 1 (White) : This extracts the brighter area of the image.
		Luminance 2 (Black) : This extracts the darker area of the image.
		Chroma 1 (Blue) : This extracts the blue area of the image.
		Chroma 2 (Green) : This extracts the green area of the image.
Level	0 - [32] - 255	This sets the amount of extraction.
1.5 Hue		This adjusts the extraction color. This is valid when [Chroma 1] or [Chroma 2] is selected as the Type.
		The extraction color was fixed to blue or green in previous version. Now it's possible to fine adjust the color.
Fine	-128 - +127	This sets the center value of the hue adjustment.
Width	-128 - +127	This sets the width of the hue adjustment. (This affects same as previous hue setting).
Saturation	-128 - [0] - +127	This adjusts the saturation of the extraction color. This is valid when [Chroma 1] or [Chroma 2] is selected as the Type.
Gain	[0] - 255	This sets the amount of edge blur.
Source Channel	1 - [8] - 10	This selects the channel to overlay for DSK composition.

NOTE
When the External Key is valid, you cannot use the DSK. Turn the [Mode] to [Self Key] in Key menu.

System Menu

Item	Display/Value	Explanation
HDCP	[OFF], ON	This turns on/off the HDCP mode. A confirmation screen appears when [ON] is selected.
Color Space	RGB, [YCC]	This selects the color space.
NTSC Setup Level	[0IRE], 7.5IRE	This selects the NTSC setup level.
Frame Rate	[59.94Hz], 50Hz	This selects the system frame date of the V-800HD.
1.5 Reference	Internal, External, Input SDI 1, ... Input SDI 4 *1	This selects the sync mode of the V-800HD. The V-800HD ver. 1.50 can synchronize with SDI input as reference.You can select a reference SDI input.
Clock Adjust	-1920 - [0] - +1920 *2	This adjust the sync clock when [External] is selected.
Line Adjust	-1200 - [0] - +1200	This adjusts the line position when [External] is selected.
1.5 Field Sync Processing		While the V-800HD input/output interlaced signals, synchronization of fields is possible.
ON		Enables the field sync processing.The fields of input/output match and this improves the image quality. However, the processing time increases.
OFF		
1.5 Panel Operation	PGM/PST, A/B	PGM/PST is the default mode.Regardless to the PGM section or PST/EFFECT section of cross-points, PGM is determined by the video fader position. The indicator of the PGM output channel lights in red. The indicator of the PST output channel lights in green.While you are compositing images, the indicator of background channel lights in red. The indicator of foreground channel lights in green.
Output Capture		Press [ENTER] to execute detailed setup of still image capture.
Output Fade		Press [ENTER] to execute detailed setup of output fade.
Multi-view Label		Press [ENTER] to execute detailed setup of multi-view labels.
Cross-point Assign		Press [ENTER] to execute detailed setup of channel assign to cross-points.
Remote	[OFF], ON	This selects valid/invalid of remote control from an external RS-232C device.
MIDI		Press [ENTER] to execute detailed setup of MIDI.
1.5 Memory Recall Parameters		You can select the parameters to recall when you operate the MEMORY buttons.
ALL		This recalls all the parameters (same as previous version)
Cross-point		This recalls the parameters below only. - Channel selection - Key setup - PinP setup - DSK setup - Wipe setup - Input connector selection

* 1 : The output vsync of the V-800HD synchronizes with the input signal when the value of System -> Reference is Input SDI 1, ... Input SDI 4. In this case, the system latency is minimized. If you want to synchronize the input/output fields, execute the settings below.

Turn the Field Sync Processing of System to ON	Although the processing time increases, the input/output fields match automatically.
Adjust the value of Reference Line Adjust in System	Although the input/output phases differ, you can minimize the latency keeping the synchronization of input/output fields.

* 2 : Depending on the input/output format settings, the range of value settings will be altered. These values are the minimum/maximum.

13

Memory Switch Fade	[OFF], ON	This turns on/off the output fade during memory loading.
Memory Protect	[OFF], ON	This turns on/off the memory protection.
1.5 Auto Memory	ON, OFF	If this is turned on, the current status of the V-800HD is saved to memory 1-1 automatically. The status is loaded at next booting and the status returns.
		The auto saving is carried out when you operate any menu cursor. Auto saving does not work when cross-point buttons or video fader is operated.
USB Memory		You can change settings related to USB memory with items below.
Parameter		Press [ENTER] to execute detailed setup of saving to/loading from USB memory.
Still Image		Press [ENTER] to execute detailed setup of still image loading.
Format		This executes formatting of a connected USB memory.
		A confirmation screen appears if you press [ENTER] while [Execute] is displayed.
Still Image Delete		This deletes the still images saved to internal memory of the V-800HD.
Video Fader Calibrate		Press [ENTER] while [Execute] is displayed to calibrate the video fader.
LED Dimmer	0 - [7]	This adjusts the brightness of the top panel LEDs.
Menu Background	0 - [4] - 7	This adjust the transparency of the menu background.
Menu Position	[Left], Right	This switches the position of menu display. You can also switch with [MENU] + [CURSOR]. Hold down [MENU] and press left/right [CURSOR].
Test Pattern	[OFF], ColorBar75%, ColorBar100%, Ramp, Step, Hatch, Frame, Frame (PVW)	This selects the test pattern.
Factory Reset		This makes the V-800HD to return to factory default setting. A confirmation screen appears if you press [ENTER] while [Execute] is displayed.
1.5 System Information		You can check the version number in System menu of the V-800HD.

NOTE

The memory saved settings is not compatible with the previous version. At the first booting after update, factory reset is executed automatically.

Detailed setup of MIDI

Item	Display/Value	Explanation
Status	OFF, [Native], V-LINK Master, V-LINK Slave, MVC Slave	This selects the MIDI remote control mode.
		OFF : No communication via MIDI.
		Native : Communicate using standard MIDI mode.
		V-LINK Master : Communicate as the V-Link master device.
		V-LINK Slave : Communicate as the V-Link slave device.
		MVC Slave : Communicate as the MVC(MIDI Visual Control) slave device.

* If the V-800HD receives message from an external V-Link/MVC master device while [Native] is selected, the mode automatically turns to V-Link Slave or MVC Slave.

Item	Display/Value	Explanation
Through Output	[OFF], ON	This turns on/off of through output of the MIDI OUT/THRU jack.
Channel	[1] - 16	This selects the MIDI channel to be used in standard MIDI mode.

Detailed setup of Output Capture

NOTE

You cannot use the output capture if you are selecting [Fade to Still Image] in [Output Fade] or selecting [Still Image] as the source of Ch.10.

Item	Display/Value	Explanation
Source Bus	[PGM], PVW, AUX	This selects the source bus for still image capture. Image of the selected bus is displayed in PGM area of the multi-view monitor.
Destination		This selects the internal memory number for still image.
Still Image	[1] - 16	The numbers already used are displayed with [*].
Memory No.		A confirmation screen appears if you press [ENTER] while [Execute] is displayed.

Detailed setup of Output Fade

Item	Display/Value	Explanation
Mode	[Fade to Background], Fade to Still Image, Output Freeze	This selects the mode of output fade.

Fade to Background

Item	Display/Value	Explanation
Time	0.0s - [0.5s] - 10.0s	This adjusts the fade time.
Color Setting		You can set the color with items below.
Red	0 - [16] - 255	This sets the red level.
Green	0 - [16] - 255	This sets the green level.
Blue	0 - [16] - 255	This sets the blue level.

Fade to Still Image

Item	Display/Value	Explanation
Time	0.0s - [0.5s] - 10.0s	This adjusts the fade time.
Still Image Memory No.	[1] - 16	This selects the internal memory number.
Position H	-1920 - [0] - +1920	This adjust the horizontal display position.
Position V	-1200 - [0] - +1200	This adjusts the vertical display position.

* Depending on the input/output format settings, the range of value settings will be altered. These values are the minimum/maximum.

Color Correction		You can execute color correction with items below.
Brightness	-64 - [0] - +63	This adjusts the brightness.
Contrast	-64 - [0] - +63	This adjusts the contrast.
Saturation	-64 - [0] - +63	This adjusts the saturation.
Red	-64 - [0] - +63	This adjusts the red level.
Green	-64 - [0] - +63	This adjusts the green level.
Blue	-64 - [0] - +63	This adjusts the blue level.

Detailed setup of Multi-view Label

Item	Display/Value	Explanation
Indicate	OFF, [ON]	This turns on/off the display of labels and green/red borders.
Label		
PVW	["PVW"]	Press [ENTER] to display the label editing screen of PVW.
PGM	["PGM"]	Press [ENTER] to display the label editing screen of PGM.
Ch.1 SDI	["CH.1 SDI"]	Press [ENTER] to display the label editing screen of Ch.1 (SDI).
Ch.1 Composite	["CH.1 CMP"]	Press [ENTER] to display the label editing screen of Ch.1 (Composite).
Ch.2 SDI	["CH.2 SDI"]	Press [ENTER] to display the label editing screen of Ch.2 (SDI).
Ch.2 Composite	["CH.2 CMP"]	Press [ENTER] to display the label editing screen of Ch.2 (Composite).
Ch.2 Shared Input	["CH.2 SHR"]	Press [ENTER] to display the label editing screen of Ch.2 (Shared Input).
Ch.3 SDI	["CH.3 SDI"]	Press [ENTER] to display the label editing screen of Ch.3 (SDI).
Ch.3 Composite	["CH.3 CMP"]	Press [ENTER] to display the label editing screen of Ch.3 (Composite).
Ch.3 Shared Input	["CH.3 SHR"]	Press [ENTER] to display the label editing screen of Ch.3 (Shared Input).
Ch.4 SDI	["CH.4 SDI""]	Press [ENTER] to display the label editing screen of Ch.4 (SDI).
Ch.4 Composite	["CH.4 CMP"]	Press [ENTER] to display the label editing screen of Ch.4 (Composite).
Ch.4 Shared Input	["CH.4 SHR"]	Press [ENTER] to display the label editing screen of Ch.4 (Shared Input).
Ch.5 DVI-I	["CH.5 DVI"]	Press [ENTER] to display the label editing screen of Ch.5 (DVI-I).
Ch.5 RGB/Component	["CH.5 RGB"]	Press [ENTER] to display the label editing screen of Ch.5 (RGB/Component).
Ch.6 DVI-I	["CH.6 DVI"]	Press [ENTER] to display the label editing screen of Ch.6 (DVI-I).
Ch.6 RGB/Component	["CH.6 RGB"]	Press [ENTER] to display the label editing screen of Ch.6 (RGB/Component).
Ch.6 Shared Input	["CH.6 SHR"]	Press [ENTER] to display the label editing screen of Ch.6 (Shared Input).
Ch.7 DVI-I	["CH.7 DVI"]	Press [ENTER] to display the label editing screen of Ch.7 (DVI-I).
Ch.7 RGB/Component	["CH.7 RGB"]	Press [ENTER] to display the label editing screen of Ch.7 (RGB/Component).
Ch.7 Shared Input	["CH.7 SHR"]	Press [ENTER] to display the label editing screen of Ch.7 (Shared Input.
Ch.8 DVI-I	["CH.8 DVI"]	Press [ENTER] to display the label editing screen of Ch.8 (DVI-I).
Ch.8 RGB/Component	["CH.8 RGB"]	Press [ENTER] to display the label editing screen of Ch.8 (RGB/Component).
Ch.8 Shared Input	["CH.8 SHR"]	Press [ENTER] to display the label editing screen of Ch.8 (Shared Input).
Ch.9 Still Image	["CH.9 STL"]	Press [ENTER] to display the label editing screen of Ch.9 (Still Image).
Ch.10 Still Image	["CH10 STL"]	Press [ENTER] to display the label editing screen of Ch.10 (Still Image).
Ch.10 Background	["CH10 BG"]	Press [ENTER] to display the label editing screen of Ch.10 (Background).

Detailed setup of Cross-point Assign

Item	Display/Value	Explanation
Cross-point		
1	[Ch.1] - Ch.10, None	This selects the input channel to be assigned to Cross-point 1.
2	Ch. 1 - [Ch.2] - Ch.10, None	This selects the input channel to be assigned to Cross-point 2.
3	Ch. 1 - [Ch.3] - Ch.10, None	This selects the input channel to be assigned to Cross-point 3.
4	Ch. 1 - [Ch.4] - Ch.10, None	This selects the input channel to be assigned to Cross-point 4.
5	Ch. 1 - [Ch.5] - Ch.10, None	This selects the input channel to be assigned to Cross-point 5.
6	Ch. 1 - [Ch.6] - Ch.10, None	This selects the input channel to be assigned to Cross-point 6.
7	Ch. 1 - [Ch.7] - Ch.10, None	This selects the input channel to be assigned to Cross-point 7.
8	Ch. 1 - [Ch.8] - Ch.10, None	This selects the input channel to be assigned to Cross-point 8.
9	Ch. 1 - [Ch.9] - Ch.10, None	This selects the input channel to be assigned to Cross-point 9.
10	Ch. 1 - [Ch.10], None	This selects the input channel to be assigned to Cross-point 10.

Detailed setup of USB Memory Parameter

Item	Display/Value	Explanation
Load		Press [ENTER] to display the screen to select a file to load.
Save		Press [ENTER] to display the screen to select a file to save.
Save As		Press [ENTER] to display the screen to edit the file name.
Delete		Press [ENTER] to display the screen to select a file to delete.

Detailed setup of USB Memory Still Image

Item	Display/Value	Explanation
Still Image Memory No.	[1] - 16	This selects the internal memory number for still image loading.
Load		Press [ENTER] to display the screen to select a file to load.

Detailed setup of Still Image Delete

Item	Display/Value	Explanation
Still Image Memory No.	[1] - 16	This selects the internal memory number for still image deleting.
Execute		Press [ENTER] while [Execute] is displayed to delete the still image.

List of Messages

Processing.
This is displayed while this unit is processing data (still image loading, output capture etc.) Do not turn off power while this message is displayed.

Push ENTER to execute.
This is displayed in case confirmation is necessary before execution (formatting USB memory etc.) Press [ENTER] to execute or [EXIT] to cancel.

Set at upper (lower) position and push ENTER.
This is displayed when you execute video fader calibrations. Move the fader all the way to upper (or lower) side and press [ENTER].

USB memory is not ready.
This is displayed if the V-800HD cannot recognize USB memory.

File not found.
This is displayed if the connected USB memory does not contain files that can be recognized by the V-800HD.

File exists.
This is displayed if a same named file exists.

Cannot write file.
This is displayed if the V-800HD cannot properly write the file.

Cannot read file.
This is displayed if the V-800HD cannot properly read the file.

illegal file format.
This is displayed when you attempt to load a file that cannot be handled on the V-800HD. It is possible that the file is damaged.

Turn off [DSK].
This is displayed if you select [External Key] as key mode while the DSK output is in progress. Turn off DSK.

[External Key] mode. [DSK] is not available.
This is displayed when you enter DSK menu while the External Key is valid. Switch to [Self Key] in key mode.

Select [Fade to Background] in [Output Fade] at first.
This is displayed when you attempt to select [Still Image] for ch.10 or to execute output capture. If you want to execute these, select [Background] in [Output Fade] at first.

Select [Background] for [Input Ch.10] at first.
This is displayed when you perform the following:
• Selecting [Fade to Still Image] or [Output Freeze] for output fade
• Executing output capture
If you want to do these things, select [Background] for Ch.10 source.

DVI output will be continued. Others will be stopped. Push ENTER to execute.
This is displayed when you turn on HDCP. If you turn it on, output from SDI, SD and RGB/Component will be stopped. Press [ENTER] to turn it on. Press [EXIT] to cancel.

Signal with HDCP cannot be input. Push ENTER to execute.
This is displayed when you turn off HDCP. If you turn it off, processing of HDCP material will be terminated. Press [ENTER] to turn it off. Press [EXIT] to cancel.

Fan error
This is displayed when the V-800HD detected error of cooling fan. Contact the nearest Roland Service Center, or an authorized Roland distributor.