

Roland

RD-08

Owner's Manual



Before using this unit, carefully read "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (the leaflet "USING THE UNIT SAFELY" and the Owner's Manual (p. 25)). After reading, keep the document(s) where it will be available for immediate reference.

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Owner's Manual (this document)

Read this first. It explains the basic things you need to know in order to use the RD-08.

PDF Manual (download from the Web)

- **Parameter Guide**
This explains all parameters of the RD-08.
- **Sound List**
This is a list of the sounds built into the RD-08.
- **MIDI Implementation**
This is detailed information about MIDI messages.

To obtain the PDF manual

1. Enter the following URL in your computer.
<http://www.roland.com/manuals/>
▼
2. Choose "RD-08" as the product name.

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Main specifications

Keyboard	88 keys (PHA-4 Standard Keyboard: with Escapement and Ivory Feel)
Power Supply	AC Adaptor
Current Draw	1,500 mA
Dimensions	1,284 (W) x 258 (D) x 159 (H) mm 50-9/16 (W) x 10-3/16 (D) x 6-5/16 (H) inches
Weight	13.5 kg / 29 lbs 13 oz
Accessories	Owner's Manual, Leaflet "USING THE UNIT SAFELY", AC Adaptor, Power cord
Options	Keyboard stand (KS-13, KS-11Z), pedals (DP-2, DP-10, EV-5, RPU-3), Carrying bag: CB-88RL, CB-76RL

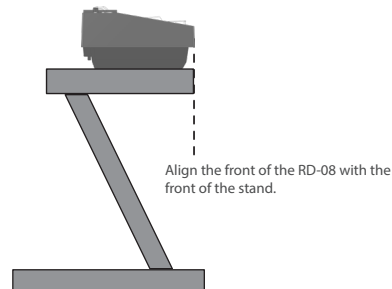
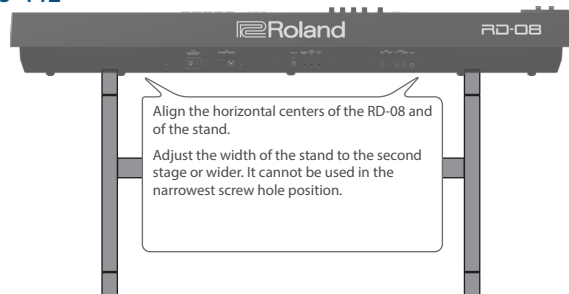
* This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.

Introduction

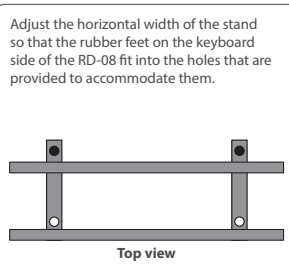
Placing the RD-08 on a stand

If you want to place the RD-08 on a stand, use the Roland KS-11Z or KS-13.
Be careful not to pinch your fingers when setting up the stand.

KS-11Z



KS-13



Note when placing the RD-08 on a stand

Be sure to follow the instructions in the Owner's Manual carefully when placing this unit on a stand.

If it is not set up properly, you risk creating an unstable situation which could lead to the unit falling or the stand toppling, and may result in injury.

Be careful not to pinch your fingers when setting up the stand.

Beware of overturning!

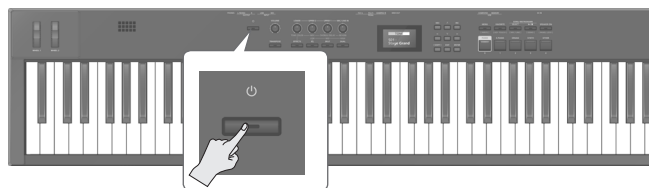
To prevent the RD-08 from overturning, do not apply excessive force to it, and never sit or stand on it.



Turning the power on and off

Press the [⏻] (power) button to turn the power on.

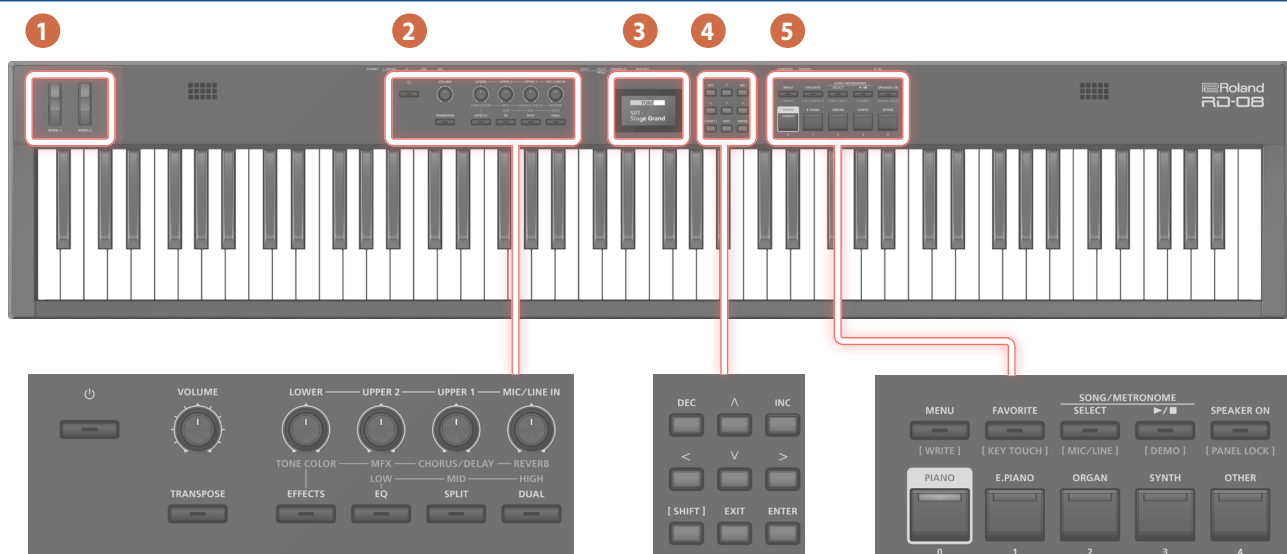
Long-press the [⏻] (power) button to turn the power off.



- * The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). If you do not want the power to be turned off automatically, disengage the Auto Off function. For details, refer to "Parameter Guide" (PDF).
 - Unsavable data is lost when the power turns off. Before turning the power off, save the data that you want to keep (p. 20).
- * Before turning the unit on/off, always be sure to turn the volume down. Even with the volume turned down, you might hear some sound when switching the unit on/off. However, this is normal and does not indicate a malfunction.

Panel descriptions

Top panel



1

WHEEL 1/2

Turn the wheels to modify the sound.

You can specify the type of change that occurs (p. 15).

2

[] switch

Turns the power on/off.

[VOLUME] knob

Adjust the overall volume of the RD-08.

LEVEL [LOWER] knob

Adjusts the volume of the LOWER zone.

When the [EFFECTS] button is lit, this changes the tonal character or stereo image.

LEVEL [UPPER2] knob

Adjusts the volume of the UPPER2 zone.

This adjusts how much the effect is applied when the [EFFECTS] button is lit.

Also, this adjusts the low-band audio volume when the [EQ] button is lit.

LEVEL [UPPER1] knob

Adjusts the volume of the UPPER1 zone.

This adjusts how much the chorus/delay effects are applied when the [EFFECTS] button is lit.

Also, this adjusts the midrange-band audio volume when the [EQ] button is lit.

LEVEL [MIC/LINE IN] knob

Adjusts the MIC/LINE input level.

This adjusts how much reverb is applied when the [EFFECTS] button is lit.

Also, this adjusts the high-band audio volume when the [EQ] button is lit.

[TRANPOSE] button

Press this to shift (transpose) the keyboard to a different key (p. 14).

[EFFECTS] button

Turn this on to adjust the effects.

When the button is on (lit), you can adjust the effects with the four knobs listed above (p. 15).

[EQ] button

Turn this on to adjust the EQ.

When the button is on (lit), you can adjust the EQ with the three knobs listed above (p. 16).

[SPLIT] button

Turns the Split Mode on/off (p. 11).

This lets you divide the keyboard into left and right regions and play a different sound in each.

[DUAL] button

Turns the Dual Mode on/off (p. 11).

This layers UPPER 1 and UPPER 2 tones together across the entire keyboard.

3

Display

Shows the Scene names and the values of various settings, etc.

4

[<][>][^][v] buttons

Press these to switch pages and to move the cursor.

[INC] [DEC] button

Modify values.

If you keep on holding down one button while pressing the other, the value change accelerates.

[SHIFT] button

You can easily call up Edit screens for related parameters by holding down this button while pressing buttons, turning knobs, or operating other controllers (refer to “List of Shortcut Keys”). If you edit a parameter value while holding down this button, the value will change more greatly.

[EXIT] button

Press to return to a previous screen or to cancel a procedure that is in progress.

[ENTER] button

Press this to confirm a value or execute an operation.

5

[MENU] button

The MENU screen appears.

If you press this button while holding down the [SHIFT] button, the save (WRITE) screen appears.

[FAVORITE] button

Turns on/off the function (FAVORITE function) that recalls favorite sounds you’ve registered (p. 17).

If you press this button while holding down the [SHIFT] button, the key touch setting screen appears (p. 13).

SONG/METRONOME [SELECT] button

Accesses a screen where you can select songs or metronome (p. 18).

If you press this button while holding down the [SHIFT] button, the MIC/LINE input settings screen appears. You can apply EQ and reverb to the MIC/LINE input.

SONG/METRONOME [▶/■] button

Starts/stops playback of the song or metronome (p. 18).

Press this button while holding down the [SHIFT] button to listen to the demo songs (p. 10).

[SPEAKER ON] button

Turns the internal speakers on/off.

The internal speakers turn off when headphones are plugged into the headphone jack, but pressing this button turns on the speakers even if headphones are connected.

Press this button while holding down the [SHIFT] button to activate/deactivate the panel lock (a feature that disables the panel operations; p. 16).

[PIANO]–[OTHER] button / [0]–[4] button

Select Tone (Scene) categories (p. 11).

While the [FAVORITE] button is lit, these buttons work as the [0]–[4] buttons p. 17).

When the [FAVORITE] button is on, press the [0]–[4] buttons while holding down the [SHIFT] button to select a favorite bank (p. 17).

List of shortcut keys

* “[A] + [B]” indicates the operation of “holding down the [A] button and pressing the [B] button”.

Shortcut	Explanation
[SHIFT] + [DEC] [SHIFT] + [INC]	Changes the value in steps of 10. When the Scene screen is shown, this changes the Scene category.
[SHIFT] + operate a knob 1–4	Jumps to the parameter edit screen for the corresponding knob.
[SHIFT] + operate a WHEEL 1/2	Jumps to the wheel assignment screen.
[SHIFT] + operate a pedal	Jumps to the pedal assignment screen.
[SHIFT] + [0]–[4]	Selects a favorite bank while the FAVORITE function is ON.
[SHIFT] + [ENTER]	Shows a list of favorites when the [FAVORITE] button is ON.
[SHIFT] + [MENU]	Jumps to the save (WRITE) screen.
[SHIFT] + [FAVORITE]	Jumps to the key touch screen.
[SHIFT] + SONG/ METRONOME [SELECT]	Jumps to the MIC/LINE input screen.
[SHIFT] + SONG/ METRONOME [▶/■]	Jumps to the demo screen.
[SHIFT] + [SPEAKER ON]	Toggles the panel lock on/off.

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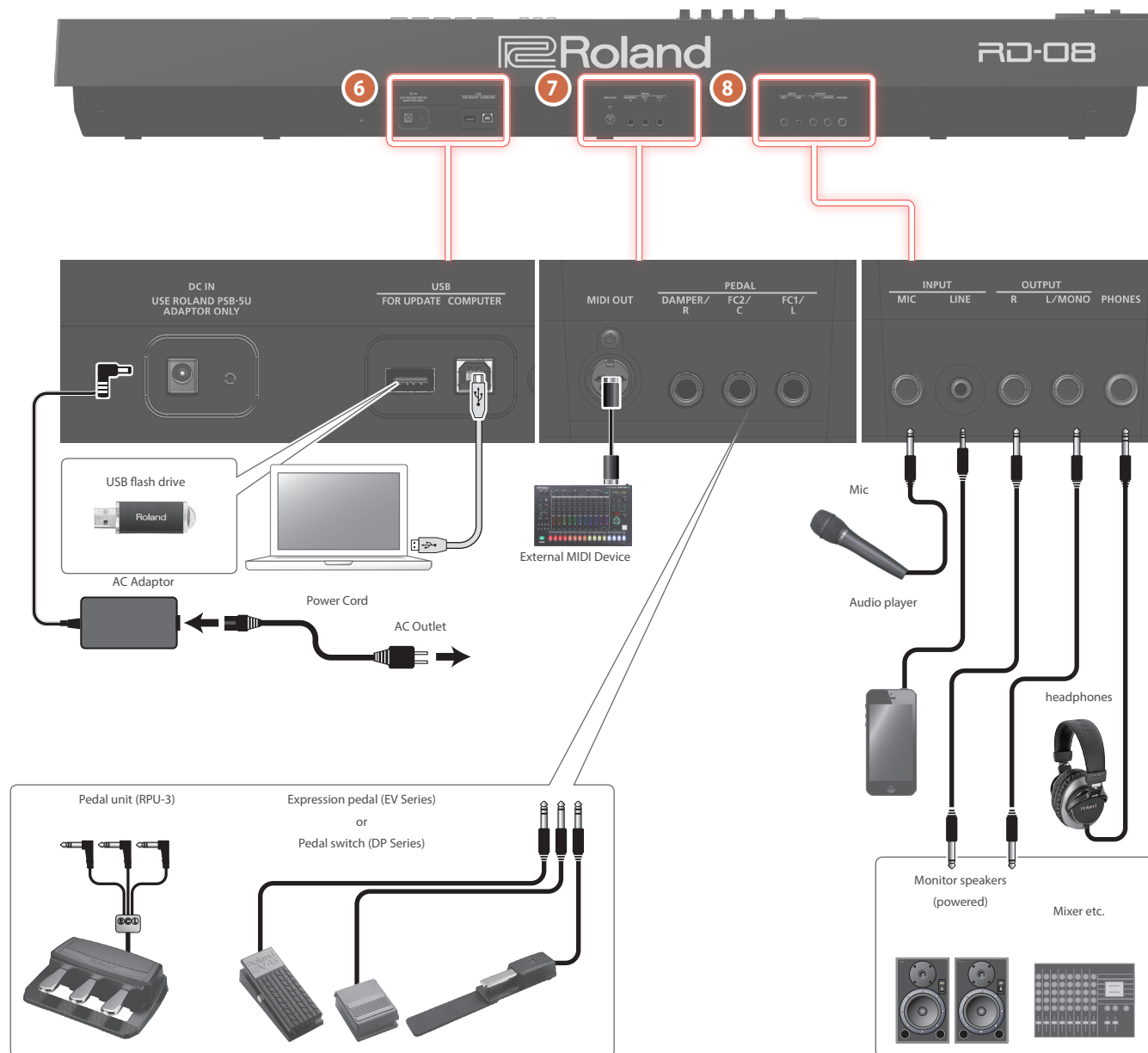
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Rear panel (connecting the external equipment)



* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

6

DC IN jack

Connect the included AC adaptor here.

USB FOR UPDATE port

You can connect a USB flash drive here.

- * Never turn off the power or remove the USB flash drives while the screen indicates "Executing..."

USB COMPUTER port

You can connect this to your computer so that it can exchange performance data with the RD-08.

- * Do not use a USB cable that is designed only for charging a device. Charge-only cables cannot transmit data.

MEMO

- The RD-08 supports USB MIDI.

7

MIDI OUT connector

Transmits MIDI messages to an external MIDI device connected here.

PEDAL jack (DAMPER/R, FC2/C, FC1/L)

Connecting the pedal switch provided with the RD-08 to the DAMPER jack allows you to use the switch as a damper pedal. With a pedal connected to the FC1 or FC2 jack, you can then assign a variety of functions to the pedal (p. 19).

- * Use only the specified expression pedal. By connecting any other expression pedals, you risk causing malfunction and/or damage to the unit.

8

INPUT jacks (MIC, LINE)

You can connect a mic or external audio device, and use the mic to sing while you perform, or perform along with a song that plays back from your external audio device

Jack	Explanation
MIC	Connect a mic (sold separately) to this jack.
LINE	This is an audio input jack. You can connect your audio player or other audio source here.

MEMO

- Use the LEVEL [MIC/LINE IN] knob to adjust the volume.
- The RD-08 supports dynamic mics. Condenser mics are not supported.
- You can apply EQ and reverb to the input audio. Hold down the [SHIFT] button and SONG/METRONOME [SELECT] (MIC/LINE SETTING) button to access the setting screen. You can also access the same screen via [MENU] → [INPUT SETTING]. For details on the parameters that can be set, refer to “Parameter Guide” (PDF).

OUTPUT jacks (L/MONO, R)

These are connected to an amp or other device. For mono output, use the L/MONO jack.

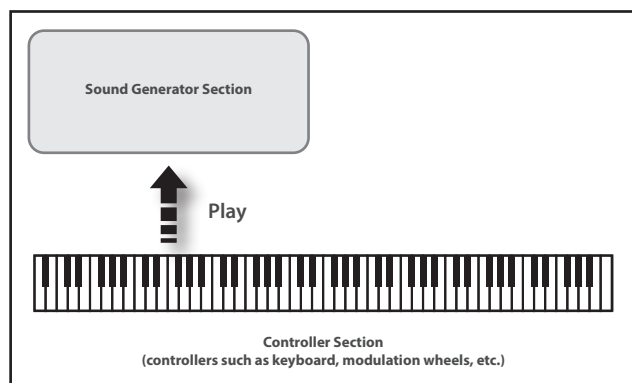
PHONES jack

You can connect a set of headphones here.

Overview of the RD-08

Basic organization of the RD-08

RD-08 can be divided into two sections: a controller section and a sound generator section.



Controller Section

This section includes the keyboard, the modulation wheels, the panel knobs, the sliders, and any pedal connected to the rear panel. Actions such as pressing and releasing of keys on the keyboard, depressing a damper pedal, and so forth, are converted to MIDI messages and sent to the sound generator section, or to an external MIDI device.

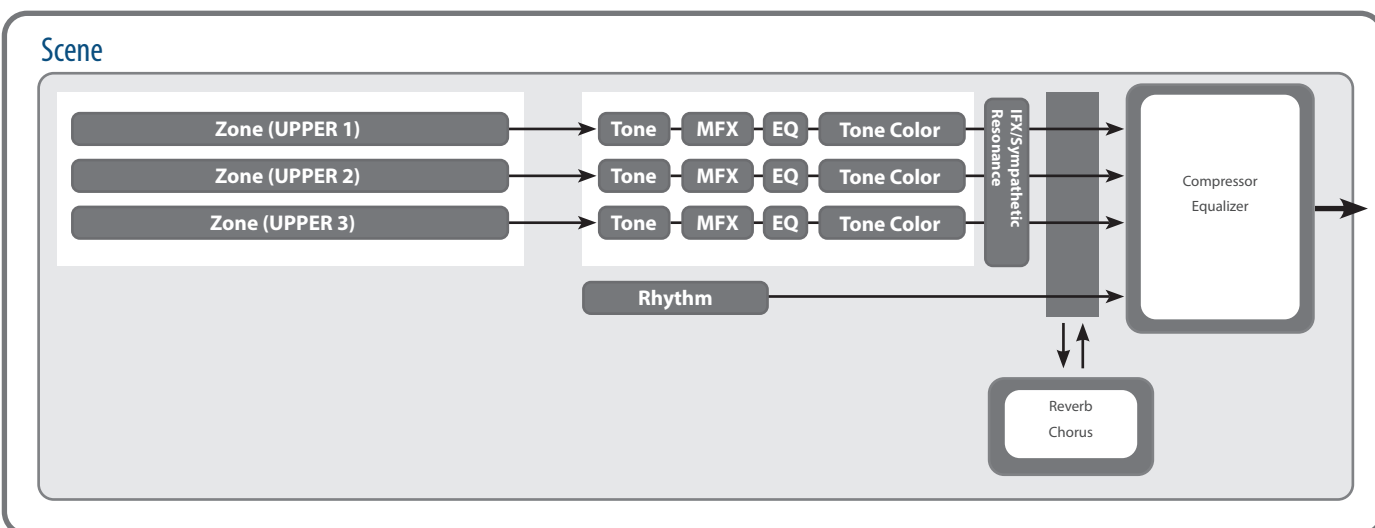
Sound Generator Section

The sound generator section produces the sound. Here, MIDI messages received from the controller section or external MIDI device are converted to musical signals, which are then output as analog signals from the OUTPUT and PHONES jacks.

About scenes

RD-08 lets you store the sounds that you create.

A sound you create is called a "Scene"; you can use the buttons to recall a Scene and then play it.



Zone

The RD-08 features three parts (UPPER 1, UPPER 2, and LOWER) that you can use for freely controlling the internal parts with the RD-08's buttons and keyboard. These three parts that are used for controlling the internal parts are collectively known as the "Zone".

Tone

The individual sounds used when playing the RD-08 are referred to as "Tones". Tones are assigned to each zone.

Metronome

This instrument features a variety of built-in metronome patterns. You can play back these patterns.

Effects

Each zone 1–3 provides a MFX, EQ, and Tone Color that can be set independently for each zone. There are also reverb, Chorus, and IFX/Sympathetic Resonance that can be used in common by all zones.

Basic operation

Main screens

Scene screen (Basic Screen)

The currently selected Scene is displayed (p. 11).
You can edit this Scene.



Song/metronome screen

When the SONG/METRONOME [SELECT] button is pressed, this screen is displayed.
You can change metronome patterns, the tempo and the volume (p. 18).



You can also connect USB flash drive (sold separately) to the USB FOR UPDATE port and play audio files that you've saved in the USB flash drive.



Press the [EXIT] button to return to the Scene screen.



About the cursor buttons

The cursor buttons are used for switching screens, and for moving to an item whose setting you want to change (by moving the cursor).



Moving between display pages

When arrow symbols ("◀" and "▶") appear at the upper right of the display screen, it indicates that there are additional pages in the directions shown by the arrows.

You can switch screens with the cursor [<] and [>] buttons.



Navigating among items to be set (cursor)

When more than one parameter is present in a screen, the name and value of the parameter to be changed is shown with a box around it. This box is referred to as the "cursor". The cursor is moved with the cursor buttons.



Editing a value

When changing settings values, you can use the [DEC] and [INC] buttons.



Purpose	Operation
To continuously change the value	Hold down the [DEC] button or [INC] button.
To rapidly increase/decrease the value	While holding down the [INC] button, press the [DEC] button. Conversely, you can rapidly decrease the value by holding down the [DEC] button and pressing the [INC] button.
To increase/decrease the value in large steps	While holding down the [SHIFT] button, press the [DEC] button or the [INC] button.

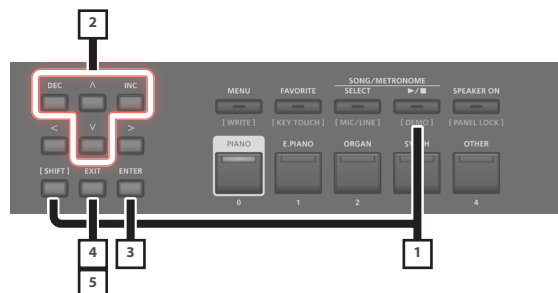
Performance

Listening to the demo songs (DEMO)

Here's how to listen to the demo songs.

NOTE

- The RD-08's keyboard will not produce sound while the demo songs are playing.
- No data for the music that is played will be output from MIDI OUT connectors.



MEMO

When you enter demo mode, any unsaved settings are lost.
Store any arrangements of settings that you want to keep in Scene or System (p. 20).

1. Hold down the [SHIFT] button and press the SONG/METRONOME [▶/■] button.

The RD-08 enters the demo mode. The Demo screen appears.

2. Use the Cursor [^] [v] buttons or the [DEC] [INC] buttons to select a demo song.

3. Press the [ENTER] button to start playback of the demo song.

4. Press the [EXIT] button to stop a demo song during playback.

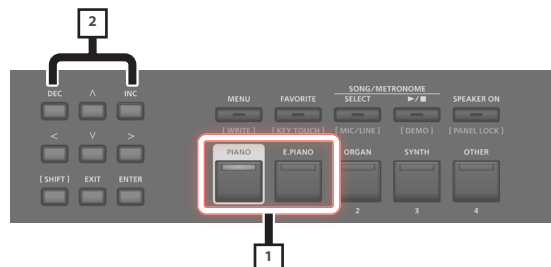
5. Press the [EXIT] button while the song is stopped to finish with the Demo mode.

Returns you to the previous screen.

Piano performances

Now, try performing with the piano.

The RD-08 lets you call up the ideal settings for piano performance at any time simply by pressing a button. You can also select your preferred tones and settings and store them to the RD-08's buttons.



1. Press the [PIANO] button or the [E. PIANO] button.



When you press the [PIANO] button, the instrument plays with a piano tone.

When you press the [E. PIANO] button, the instrument plays with an electric piano tone.

2. Use the [DEC] [INC] buttons to select a Scene.

MEMO

In the Scene screen, when the cursor is at the Scene number, you can press the [ENTER] button to access a list of Scenes. You can use the cursor buttons to select a Scene. After selecting a Scene, press the [EXIT] or [ENTER] button to return to the Scene screen.

Making detailed settings

With the RD-08, you can also make more detailed settings to make the sound even better match your favorite piano performances. Configurations can be stored for each Scene. For details on the Scene parameter settings, refer to "Making Detailed Settings for Tones" ("Making detailed settings for tones" (p. 20)).

NOTE

When you edit a setting, an "*" will appear.

If you turn off the power or select a One Touch tone or a Scene while the "*" is shown, the changes you made will be discarded. If you want to keep the settings, save the Scene (p. 20).

Performing with a variety of scenes

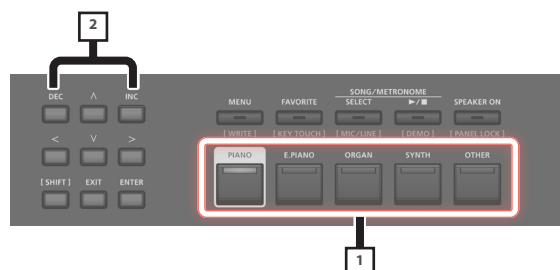
The RD-08 comes with a many built-in Sounds.

Each one of these individual sounds is called a “Scene”.

Scenes are assigned to the Scene category buttons according to the tone category selected.

Each category has several Scenes.

Try selecting and performing with a number of different Scenes.



1. Press any of the Scene category buttons to select the category.

The indicator of the selected Scene category button will light.

2. Use the [DEC] [INC] buttons to select the Scene.

Play the keyboard, and you will hear the selected Scene.

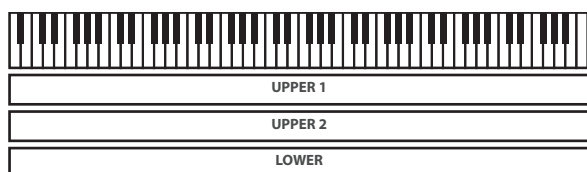
NOTE

If you turn off the power or select a different Scene when an “*” is shown in the display, the setting changes you’ve made will be discarded. If you want to keep the settings, save the Scene (p. 20).

Playing multiple tones with the keyboard

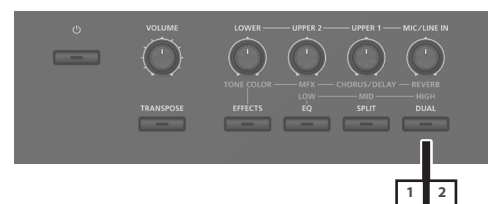
The RD-08 features three Internal zones (UPPER 1, UPPER 2, and LOWER), and one tone can be assigned to each of these zones.

You can perform using combinations of tones by turning each zone on or off. You can have multiple tones layered together at the same time, and even have different tones played in the left and right parts of the keyboard.



Performing with layered tones (dual mode)

This mode lets you play the UPPER 1 and UPPER 2 tones layered across the entire keyboard.



1. Press the [DUAL] button, getting the indicator to light.

Try fingering the keyboard.

The Tones for UPPER 1 and UPPER 2 are layered and played.

The screen shows the UPPER 2 tone.

2. To finish the DUAL MODE, press the [DUAL] button once again, to make the indicator light goes out.

The Tones for UPPER 1 played.

MEMO

You can also layer three tones by adding the LOWER tone. For details, refer to “Making detailed settings for tones” (p. 20).

Playing different tones in two different sections of the keyboard (split mode)

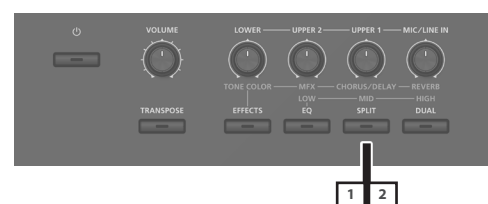
Such a division of the keyboard into right- and left-hand sections is called a “Split”, and the key where the division takes place is called the “Split Point”.

While in Split mode, a sound played in the right side is called an “UPPER part”, and the sound played in the left side is called a “LOWER part”. The split-point key is included in the LOWER section.

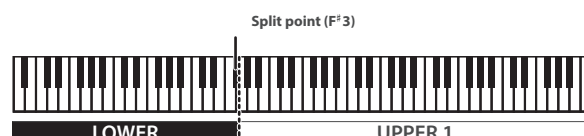
The Split Point has been set at the factory to “F#3”.

MEMO

You can change the split point. Please refer to “Changing the Keyboard’s Split Point” (“Changing the Keyboard’s Split Point” (p. 12)).



1. Press the [SPLIT] button, getting the indicator to light.



Try fingering the keyboard.

The UPPER 1 tone plays in the right-hand section of the keyboard, and the LOWER tone plays in the left-hand section.

The screen shows the LOWER tone.

2. To exit Split mode, press the [SPLIT] button once more, and the indicator light goes out.

Changing the Keyboard's Split Point

You can change the point at which the keyboard is divided (the Split Point) in Split mode.

1. Hold down the [SPLIT] button for several seconds.

Current value of the setting is displayed.



2. While holding down the [SPLIT] button, press the key that is to become the new split point.

When you release the [SPLIT] button, the previous display will reappear.

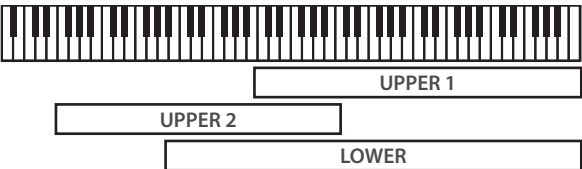
The split-point key is included in the LOWER section.

Zone	Range
UPPER 1, UPPER 2	Split Point +1–C8
LOWER	A0–Split Point

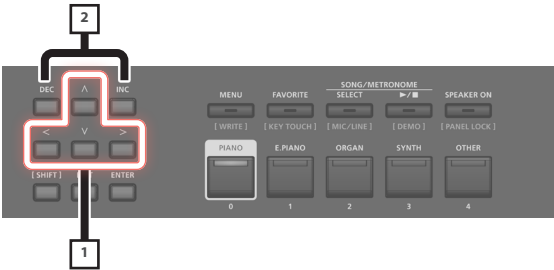
When you specify the split point, each zone's key range will be divided to left and right at the split point, and will be set to the values shown in the table.

MEMO

- You can change the split point, adjusting it in semitone increments, by holding down the [SPLIT] button and pressing the [DEC] [INC] buttons.
- You can freely set whatever key ranges you like to each zone. For details, refer to "Parameter Guide" (PDF).



Changing the tone for a ZONE



1. In the Scene screen, use the cursor buttons to select the zone whose tone you want to change.



2. Use the [DEC] [INC] buttons to select a tone.

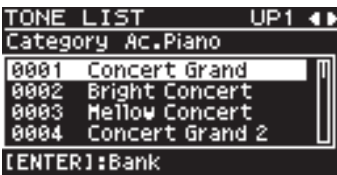
You can use [SHIFT] + [<] [>] buttons to select the tone bank.

MEMO

When the cursor is located at the tone, you can press the [ENTER] button to access a list of tones.

After selecting a tone, press the [EXIT] button to return to the Scene screen.

Button	Operation
[ENTER] button	Switch between bank screen and category screen
Cursor [^] [v] buttons	Select tones
Cursor [<] [>] buttons	Select bank (categories)



Adjusting the volume level for individual zones

You can use the LEVEL [LOWER], [UPPER2], and [UPPER1] knobs to adjust the volume of each zone.

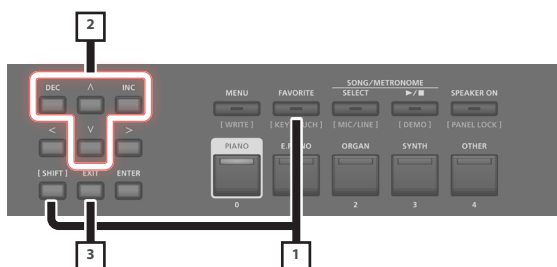


MEMO

Use the [VOLUME] knob when adjusting the overall volume level (p. 4).

Changing the key touch

You can make advanced settings for the touch used for the keys.



1. Hold down the [SHIFT] button and press the [FAVORITE] button.
The keyboard touch settings screen appears.
2. Use the cursor [^] [v] buttons to select a parameter, and use the [DEC] [INC] buttons to change its value.
3. Press [EXIT] to return to the previous screen.

MEMO

The key touch settings can be saved individually for each Scene. To save the settings, refer to "Saving a scene (write)" (p. 20).

Parameter	Value	Explanation
Source	SCENE	The key touch settings specified by the Scene are enabled.
	SYS	The key touch settings specified for the system are enabled. MEMO If you want the key touch to be the same for multiple Scenes, set Source to "SYS". You can access the shared key touch settings via [MENU] → [SYSTEM] → [KEY TOUCH]. To save the settings, execute the system write operation ("Saving the system settings (system write)" (p. 24)). If you've selected a Scene whose Source is set to "SYS", you can press the [KEY TOUCH] button to access the SYSTEM Key Touch setting screen.
Velo Crv (Velocity Curve)	SPR LIGHT	An even lighter setting than LIGHT.
	LIGHT	This sets the keyboard to a light touch. You can achieve fortissimo (ff) play with a less forceful touch than usual, so the keyboard feels lighter. This setting makes it easy to play, even for children.
	MEDIUM	This sets the keyboard to the standard touch. You can play with the most natural touch. This is the closest to the touch of an acoustic piano.
	HEAVY	This sets the keyboard to a heavy touch. You have to finger the keyboard more forcefully than usual in order to play fortissimo (ff), so the keyboard touch feels heavier. Dynamic fingering adds even more feeling to what you play.
	SPR HEAVY	An even heavier setting than HEAVY.
Velo Offset (Velocity Offset)	-10→+9	This setting provides even more precise adjustment of the key touch than available with the Velocity Curve setting alone. This allows you to achieve a more precise setting for the Velocity Curve by specifying an intermediate value between Key Touch settings. The touch sensitivity becomes heavier as the value increases. When this parameter is set to a value that exceeds the upper or lower limit, the setting for Velocity Curve (one of five possible values) is automatically changed to accommodate the value you've specified.
Velocity	REAL	Volume levels and the way sounds are played change in response to the velocity.
	1-127	The fixed velocity value you specify here will determine the volume and the way the sound is produced, regardless of your keyboard playing strength.

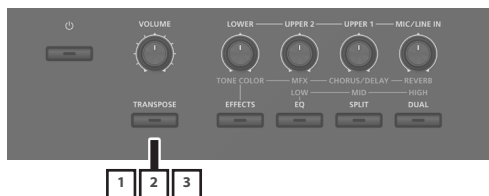
Parameter	Value	Explanation
Velo Dly Sens (Velocity Delay Sensitivity)	-63—+63	This sets the interval from the time the key is played to when the sound is produced. As the value is decreased, the timing of the sound is delayed more when more force is used to play the keys. As the value is increased, the timing of the sound is delayed more when less force is used to play the keys.
Velo Keyfollow (Velocity Keyfollow Sensitivity)	-63—+63	This setting changes the touch sensitivity according to the key range being used. As the value is increased, the touch becomes heavier in the upper registers, and lighter in the lower keys.
KeyOff Pos (Key Off Position)	STANDARD	Note-off will occur at the depth of a conventional piano.
	DEEP	Note-off will occur at a deeper position. This is suitable for electric piano sounds.

Transposing the key of the keyboard (TRANPOSE)

You can transpose performances without changing the keys you are playing. This feature is called "Transpose".

This is a convenient feature to use when you want to match the pitch of the keyboard performance to a vocalist's pitch, or perform using the printed music for trumpets or other transposed instruments.

You can adjust the transpose setting in semitone steps over a range of -5-0-+6 relative to C4. The Transpose has been set at the factory to "0".



1. Hold down the [TRANPOSE] button for several seconds.

The Transpose screen appears, and the current value of the setting is displayed.



2. Hold down the [TRANPOSE] button and press a key.

If you press the C4 (middle C) key, the transpose amount will be set to "0".

For example, to have "E" sound when you play "C" on the keyboard, hold down the [TRANPOSE] button and press the E4 key. The degree of transposition then becomes "+4".

When you release the [TRANPOSE] button, the previous display will reappear.

When the amount of transposition is set, the Transpose function switches on, and the [TRANPOSE] button lights up.

MEMO

- You can also transpose by holding down the [TRANPOSE] button and using the [DEC] [INC] buttons.
- If you hold down the [TRANPOSE] button and press F#4 or a higher key, the transpose amount is set to [+6].
- If you hold down the [TRANPOSE] button and press G3 or a lower key, the transpose amount is set to [-5].

3. To turn off Transpose, press the [TRANPOSE] button so that its indicator goes off.

The next time [TRANPOSE] button is pressed, the sound is transposed by an amount corresponding to the value set here.

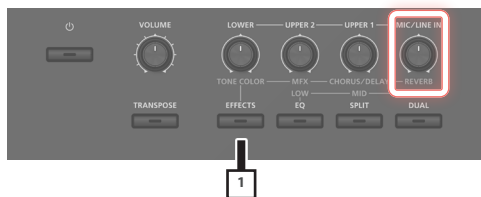
NOTE

- If the transpose amount is 0, the [TRANPOSE] button will not turn on even if you press it.
- When you turn the power off, the transpose amount returns to 0.

Adding reverberation to the sound (REVERB)

The RD-08 can apply a reverb effect to the notes you play on the keyboard.

Applying reverb adds pleasing reverberation to what you play, so it sounds almost as if you were playing in a concert hall.



1. Press the [EFFECTS] button, and then turn the [MIC/LINE IN] (REVERB) knob.

The depth of the reverb effect changes.

You can adjust the reverb depth in a range of 0-127.

MEMO

You can select the type of reverb in the MENU screen → "SYSTEM EFFECTS" → "Sys Reverb" page.

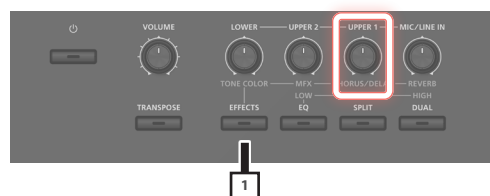
NOTE

In the [MENU] → [SCENE EDIT] → [ZONE EDIT] → "INTERNAL" page, if the "Rev Send (reverb send)" value is set to "0", no reverb effect is applied. Also, depending on the settings of the Scene, there might be cases in which turning the knob does not apply an effect. For details, refer to "Making detailed settings for tones" (p. 20).

Adding breadth to the sound (CHORUS/DELAY)

You can apply a chorus and delay effect to the notes you play on the keyboard.

By adding the chorus and delay effect, you can give the sound greater dimension, with more fatness and breadth.



1. Press the [EFFECTS] button, and then turn the [UPPER1] (CHORUS/DELAY) knob.

The depth of the chorus/delay effect changes.

You can adjust chorus/delay depth in a range of 0–127.

MEMO

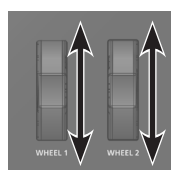
You can select the type of chorus/delay in the MENU screen → "SYSTEM EFFECTS" → "Sys Chorus" page.

NOTE

In the [MENU] → [SCENE EDIT] → [ZONE EDIT] → "INTERNAL" page, if the "Cho Send (chorus send)" value is set to "0", no chorus/delay effect is applied. Also, depending on the settings of the Scene, there might be cases in which turning the knob does not apply an effect. For details, refer to "Making detailed settings for tones" (p. 20).

Modifying the sound in real time (WHEEL1/2)

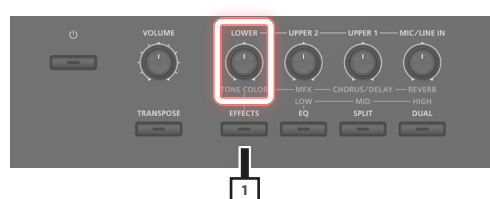
By turning wheel 1 or 2 while playing the keyboard you can modify the sound in real time. By default, wheel 1 applies a pitch bend effect (pitch change) and wheel 2 applies a modulation effect (vibrato).



You can freely change the effects that are applied by wheels 1/2. For details, refer to "Assigning the function of each controller" (p. 19).

Adjusting the character of the sound (TONE COLOR)

Turning the [TONE COLOR] knob will modify an aspect of the sound, such as its character or acoustic image.



1. Press the [EFFECTS] button, and then turn the [LOWER] (TONE COLOR) knob.

The effect assigned to the knob is applied.

You can assign one or the other of the following effects to the [TONE COLOR] knob.

Parameter	Explanation
Stereo Width	If the sound is being output in stereo, turning the knob to the left gradually transforms the audio output to mono, and turning the knob to the right transforms it to stereo. Depending on your performing situation, the mono sound might be better for listening.
EQ	This lets you adjust the EQ using a single knob. Turning the knob to the left boosts the mid-frequency region, and turning the knob to the right boosts the high-frequency and low-frequency regions. Adjusting this appropriately for your performing situation might make the sound better for listening.

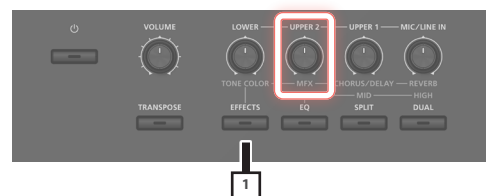
MEMO

The Tone Color assignment is specified in [MENU] → [SCENE EDIT] → [ZONE SOUND] → TONE COLOR. If you want to save the setting, save the Scene (p. 20).

Applying various effects to the sound (MFX)

In addition to chorus (p. 15) and reverb (p. 14), the RD-08 lets you apply a "multi-effect". The multi-effect lets you choose from a variety of effect types including distortion and rotary.

With the factory settings, an effect appropriate for each tone is assigned.



1. Press the [EFFECTS] button, and then turn the [UPPER2] (MFX) knob to adjust the effect.

The multi-effect specified for the selected tone is applied.

MEMO

The effect is applied to the MFX of the currently selected zone. The value that changes when you turn the knob is pre-specified according to the type. For some effect types, it might be difficult to notice the effect.

If the tone's MFX setting is set to "Thru", no effect is applied.

MFX settings can also be specified for individual Scenes. For details, refer to "Parameter Guide" (PDF).

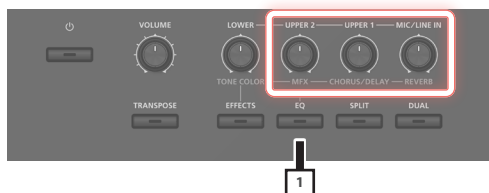
Adjusting the levels of each frequency range (EQUALIZER)

The RD-08 is equipped with an equalizer.

You can use the EQ [LOW] knob, [MID] knob, and [HIGH] knob to adjust the level of each frequency range.

NOTE

Equalization is applied to the overall sound output from the OUTPUT jacks.



1. Press the [EQ] button.

The button is lit, and the knob functions change as follows.

- [UPPER2] knob → EQ [LOW] knob
- [UPPER1] knob → EQ [MID] knob
- [MIC/LINE IN] knob → EQ [HIGH] knob

2. Turn the knobs to adjust the levels in each range.

Turning the EQUALIZER [LOW], [MID], or [HIGH] knobs toward the left will decrease the level of the corresponding range; turning the knobs toward the right will increase the level.

MEMO

In MENU → SYSTEM EFFECTS → Master EQ you can make detailed EQ settings.

NOTE

- Sounds may be distorted with certain knob settings. If this occurs, adjust the Input Gain on the "Master EQ" screen.
- EQ settings are preserved even if you change Scenes, but are lost if you turn the power off. If you want to save the EQ settings, execute "Saving the system effects (write)" (p. 20).

Disabling the buttons (panel lock)

The panel lock function allows you to temporarily disable the buttons so that their settings will not be accidentally changed, for example while you're on stage.



1. Hold down the [SHIFT] button and press the [SPEAKER ON] button.

The panel will be locked, and the screen shown below will appear.



When you once again hold down the [SHIFT] button and press the [SPEAKER ON] button, panel lock is defeated.

MEMO

You can operate the knobs and wheels even when the panel is locked.

Using the convenient functions in performances

Registering frequently-used sounds (scenes) to buttons (FAVORITE)

"Favorite" is a function that lets you register frequently-used sounds (Scenes) so that they can be recalled by a single button.

The Favorite registers the number of the Scene.



MEMO

- With Favorites 0–4 as one set, you can register a total of five sets in the Favorite banks.
- Use the five buttons [0]–[4] to recall or register Scenes.

NOTE

If you're editing a Scene, save that Scene first before you register it as a Favorite.

Registering a favorite

1. Select the Scene that you want to register.
2. Press the [FAVORITE] button, getting the indicator to light.
3. Hold down the [SHIFT] button and press a [0]–[4] button to select the registration-destination bank.
4. Long-press the [FAVORITE] button to make the [0]–[4] buttons blink.
5. While continuing to hold down the [FAVORITE] button, press the [0]–[4] button in which you want to register the selected scene.

The currently selected Scene is registered to that button.

Recalling a favorite

1. Press the [FAVORITE] button, getting the indicator to light.
2. Press a [0]–[4] button to select a Favorite.

The [0]–[4] buttons act as Favorite select buttons.

If you press a button in which a Favorite has not yet been registered, the screen indicates "Unregistered!"

Switching the favorite bank

1. Press the [FAVORITE] button, getting the indicator to light.
The button ([0]–[4]) corresponding to the currently selected bank blinks.
2. Hold down the [SHIFT] button and press a [0]–[4] button to select a bank.

Viewing the favorite list

1. Press the [FAVORITE] button, getting the indicator to light.
2. Hold down the [SHIFT] button and press the [ENTER] button.

The Favorite function turns on, and a list of the Scenes registered as favorites is displayed.

MEMO

Use the cursor [^] [v] buttons to switch Scenes, and use the cursor [<] [>] buttons to switch banks. You can also use the [0]–[4] buttons to switch Scenes.

3. Press the [EXIT] button to return to the previous screen.

Deleting a favorite

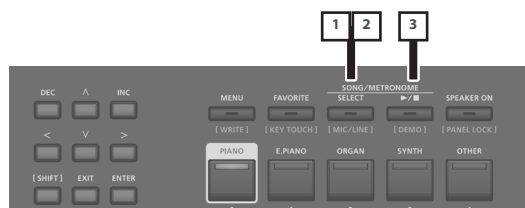
1. Press the [FAVORITE] button, getting the indicator to light.
2. Hold down the [SHIFT] button and press the [ENTER] button.
3. Use the cursor [^] [v] buttons to select the favorite that you want to delete.

The Favorite function turns on, and a list of the Scenes registered as favorites is displayed.

4. Hold down the [SHIFT] button and press the [EXIT] button.
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.
5. To execute, use the cursor [>] buttons to select "OK", and then press the [ENTER] button.
When deletion is complete, the screen indicates "Delete".
6. Press the [EXIT] button to return to the previous screen.

Using the metronome

The RD-08 features a variety of built-in metronome patterns.



1. Press the [SELECT] button, getting the indicator to light.

The SONG/METRONOME screen appears.



2. If the SONG screen appears, press the [SELECT] button once again to switch to the METRONOME screen.

Each time you press the [SELECT] button, you'll alternate between the SONG screen and the METRONOME screen.



3. Press the [▶/■] button so it's lit.

The metronome will begin sounding.

When you press the [▶/■] button once again to turn off its light, the metronome will stop.

MEMO

If you press the [SELECT] button to switch to the SONG screen while a metronome is playing, the metronome will stop.

Changing metronome tempos

1. In the METRONOME screen, press the cursor button to move the cursor to the tempo indication in the top line of the screen.



2. Use the [DEC] [INC] buttons to change the tempo.

The metronome are played at the selected tempo.

Changing the metronome pattern

You can select the way a metronome is played (the pattern) to match a variety of different musical genres.

1. In the METRONOME screen, use the cursor buttons to move the cursor to the rhythm number shown in the screen.



2. Use the [DEC] [INC] buttons to change the patterns.

The metronome's pattern will change.

3. To stop the metronome, press the [▶/■] button so its indicator is off.

Playing songs

You can copy an audio file (MP3 or WAV) from your computer to a USB flash drive, and perform on the RD-08 while that audio file plays back.

1. Format your USB flash drive on the RD-08.

"Formatting a USB flash drive (FORMAT USB MEMORY)" (p. 24)

MEMO

- Use a commercially available USB flash drive. However, we cannot guarantee operation with all commercially available flash drives.
- We recommend that you use single-byte alphanumeric characters for the file name. If you use double-byte characters, the file name will not be shown correctly in the display.

2. Copy the audio file into the "SONG LIST" folder.

Audio files that can be played

MP3	
Format	MPEG-1 audio layer 3
Sampling Frequency	48 kHz
Bit rate	32/40/48/56/64/80/96/112/128/160/192/224/256/320 kbps, VBR (Variable Bit Rate)

WAV	
Sampling Frequency	48 kHz
Bit Depth	16/24-bit

* For both MP3 and WAV, the only sampling frequency supported is 48 kHz. If your file has a sampling frequency of other than 48 kHz, use software on your computer to convert it to 48 kHz beforehand.

3. Connect the USB flash drive to the USB FOR UPDATE port of the RD-08.

4. Press the [SELECT] button, getting the indicator to light.

The SONG/METRONOME screen appears.

5. Press the [SELECT] button to access the SONG screen.

Each time you press the [SELECT] button, you'll alternate between the SONG screen and the METRONOME screen.

6. Move the cursor to the song number and use the [DEC] [INC] buttons to select a song.

7. To play the song, press the [▶/■] button to make it light.

When you press the [▶/■] button to turn off its light, the song will stop playing.

MEMO

Move the cursor to "Volume" and use the [DEC] [INC] buttons to adjust the volume of the song.

If you want to save the volume setting, execute the System Write operation (p. 24).

Assigning the function of each controller

You can change the parameters that are controlled by the WHEEL 1/2, and pedals FC1/FC2.

1. Press the [MENU] button.
2. Use the cursor [^] [v] buttons to select "SYSTEM", and then press the [ENTER] button.
3. Use the cursor [^] [v] buttons to select "ASSIGN", and then press the [ENTER] button.
4. Use the cursor [<] [>] buttons to select the controller whose assignment you want to change.
5. Use the cursor [^] [v] buttons to select a parameter, and use the [DEC] [INC] buttons to change its value.
For details, refer to "Parameter Guide" (PDF).
6. If you want to save the setting, execute the System Write operation.

"Saving the system settings (system write)" (p. 24)

MEMO

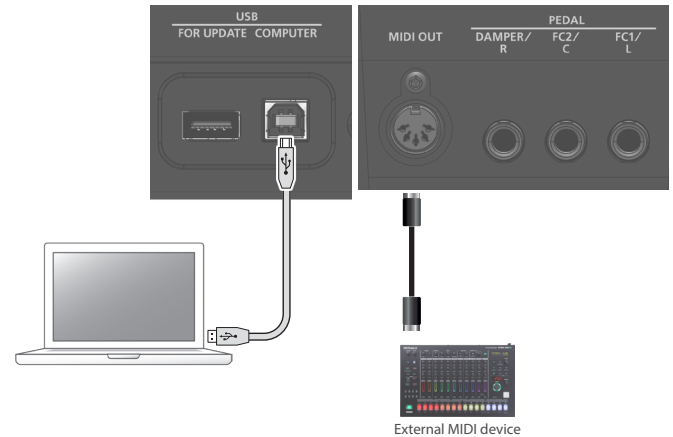
The settings of these controllers can be specified and remembered individually for each Scene. This is convenient when you want to switch the controller assignments for each sound (Scene). In the Scene edit parameters, change each controller's Source from System to Scene. For details, refer to "Parameter Guide" (PDF).

What's MIDI?

MIDI (Musical Instrument Digital Interface) is a standard specification that allows musical data to be exchanged between electronic musical instruments and computers. By using a MIDI cable to connect devices that have MIDI connectors, you can create an ensemble in which a single MIDI keyboard can play multiple instruments, or change settings automatically as the song progresses.

MIDI OUT connector

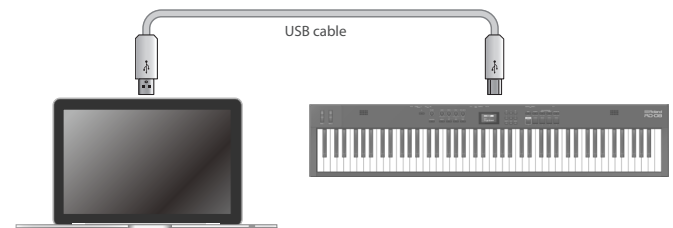
MIDI messages are transmitted from these connectors to external MIDI devices. The RD-08's MIDI OUT connectors are used for sending the performance data of the controller section.



Connecting a computer (USB COMPUTER port)

MIDI data can be transferred via the RD-08's USB COMPUTER port to and from your computer.

* For details on operating requirements and supported operating systems, refer to the Roland website.



Making detailed settings for tones

The RD-08 has two types of sound-related editing.

Scene edit

Here you can edit parameters for a Scene. These parameters include the on/off setting and level adjustment of each zone, effect settings for each Scene.

System effect edit

Here you can edit settings for the effects that apply to the overall output sound (system effects).

The system effects provide chorus/delay, reverb, EQ, and compressor.

NOTE

- The edited settings will disappear unless you save (write) them. If you want to keep the settings, save them as follows.
- A Scene that you're editing is indicated by an edit symbol (*) beside the Scene number.

Editing a scene

1. Press the [MENU] button.
2. Use the cursor [^] [v] buttons to select "SCENE EDIT", and then press the [ENTER] button.
3. Use the cursor [^] [v] buttons to select the item that you want to edit, and press the [ENTER] button.
4. Use the cursor [^] [v] buttons to select a parameter, and use the [DEC] [INC] buttons to edit the value.

For details, refer to "Parameter Guide" (PDF).

MEMO

If there are multiple pages within an item, "◀▶" symbols are shown at the upper right of the screen. Use the cursor [<] [>] buttons to move between pages.

Saving a scene (write)

5. To save the changes, hold down the [SHIFT] button and press the [MENU] button.

MEMO

If you edit the Scene, an "*" symbol appears beside "SCENE".

6. Use the cursor [^] [v] buttons to select "SCENE", and then press the [ENTER] button.

A screen appears where you can select the save-destination Scene.

7. Use the cursor [^] [v] buttons to select the save-destination Scene, and then press the [ENTER] button.

The Scene name entry screen appears.

8. Use the cursor [<] [>] buttons to move the cursor, and use the [DEC] [INC] buttons to change the character.

9. When you've finished editing the name, press the [ENTER] button.

The SCENE WRITE confirmation screen appears.

NOTE

When you save, the Scene of the selected save-destination is overwritten, and the previous data is lost.

10. To execute, use the cursor [>] button to select "WRITE", and then press the [ENTER] button.

If you decide to cancel, press the [EXIT] button.

NOTE

The changes in the Scene you're editing are lost if you turn the power off or select another Scene. If you want to keep the settings, save the Scene.

Editing the system effects

1. Press the [MENU] button.
2. Use the cursor [^] [v] buttons to select "SYSTEM EFFECTS", and then press the [ENTER] button.
3. Use the cursor [<] [>] buttons to select the effect that you want to edit, use the cursor [^] [v] buttons to select a parameter, and use the [DEC] [INC] buttons to edit the value.

For details, refer to "Parameter Guide" (PDF).

Saving the system effects (write)

4. To save the changes, hold down the [SHIFT] button and press the [MENU] button.

MEMO

If you edit the system settings, an "*" symbol appears beside "SYSTEM".

5. Use the cursor [^] [v] buttons to select "SYSTEM", and then press the [ENTER] button.

The SYSTEM WRITE confirmation screen appears.

6. To execute, use the cursor [>] button to select "WRITE", and then press the [ENTER] button.

If you decide to cancel, press the [EXIT] button.

Other functions

Convenient functions (UTILITY)

Here you can back up the RD-08's data to a USB flash drive, or restore data from a USB flash drive back into the RD-08. You can also use the "UTILITY" functions to return the RD-08 to its factory-set condition, or format a USB flash drive.

UTILITY	Explanation
BACKUP	Backs-up user data to a USB flash drive.
RESTORE	Restores backup data from a USB flash drive into the RD-08.
IMPORT TONE	Import tones saved on a USB flash drive into the RD-08.
FACTORY RESET	Resets the RD-08's settings to their factory-set condition.
FORMAT USB MEMORY	Initializes a USB flash drive.

Backing up data to USB flash drive (BACKUP)

Here's how to back up user data to a USB flash drive.

Data that is backed up

- All Scene data
- Favorites
- System settings (including system effects)

NOTE

Never turn off the power or remove the USB flash drives while the screen indicates "Executing..."

1. Press the [MENU] button.
2. Use the cursor [^] [v] buttons to select "UTILITY", and then press the [ENTER] button.
3. Use the cursor [^] [v] buttons to select "BACKUP", and then press the [ENTER] button.
The BACKUP NAME screen appears.
4. Use the cursor [<] [>] buttons to move the cursor, and use the [DEC] [INC] buttons to select characters.

5. When you've specified the file name, press the [ENTER] button.

A confirmation message appears.

If you decide to cancel, press the [EXIT] button.

6. To execute, press the [ENTER] button.

When the backup is finished, the screen indicates "Completed!"

If a file of the same name exists, a confirmation screen (Overwrite?) asks whether you want to overwrite the existing file.

Restoring backup data (RESTORE)

Here's how user data that you backed-up on a USB flash drive can be returned to the RD-08. This operation is called "restore".

NOTE

- All user data are rewritten when you execute the restore operation. If your RD-08 contains important data, assign it a different name and back it up to an USB flash drive before you restore.
- Never turn off the power or remove the USB flash drives while the screen indicates "Executing..."

1. Press the [MENU] button.
2. Use the cursor [^] [v] buttons to select "UTILITY", and then press the [ENTER] button.
3. Use the cursor [^] [v] buttons to select "RESTORE", and then press the [ENTER] button.
4. Use the cursor [^] [v] buttons to select the file that you want to restore.
5. Press the [ENTER] button.
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.
6. To execute, press the [ENTER] button.
When the restore operation is finished, the screen indicates "Completed. Turn off power".
7. Turn the power of the RD-08 off and then on again.

Adding the sounds (IMPORT TONE)

Tones that you download or tones that you exported from another unit can be imported into the RD-08 as added tones.

* Here explain how to import user tones. If you want to import/install a sound pack refer to "Sound Pack Install Manual" (PDF).

Saving Tones to a USB Flash Drive

* If you're using the USB flash drive for the first time, format it using the RD-08.

"Formatting a USB flash drive (FORMAT USB MEMORY)" (p. 24)

1. By downloading or by using the export function of another unit, obtain an SVZ file containing the tones that you want to import, and place the file on your computer.
2. Connect the USB flash drive to your computer.
3. Save the SVZ file in the ROLAND/SOUND folder of the USB flash drive.
4. Disconnect the USB flash drive from your computer, and connect it to the RD-08.

Importing Tones into the RD-08

1. Press the [MENU] button.
2. Use the cursor [^] [v] buttons to select "UTILITY", and then press the [ENTER] button.
3. Use the cursor [^] [v] buttons to select "IMPORT TONE", and then press the [ENTER] button.
4. Use the cursor [^] [v] buttons to select the file that contains the tone(s) that you want to import, and then press the cursor [>] button.



According to the number of tones that can be imported, the tones to be imported will be selected automatically (check marks are assigned automatically).

5. Use the cursor [^] [v] buttons to select the tone that you want to import, and then use the [ENTER] button to add a check mark.

Instead of using the [ENTER] button, you can also use the [INC] [DEC] buttons to assign check marks. To select or de-select all tones, hold down the [SHIFT] button and press the [INC] [DEC] buttons.

To select or de-select a specific range of tones, press the [ENTER] button at the beginning of the range; then at the end of the range, hold down the [SHIFT] button and press the [ENTER] button.

NOTE

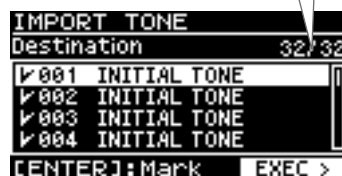
Drum kit tones cannot be imported.

6. Press the cursor [>] button.
7. Use the cursor [^] [v] buttons to select the import-destination tone, and then press the [ENTER] button to add a check mark.

NOTE

- An " " is displayed for tones used in scene.
- An indication of "NEW" is shown for newly imported tones.
- Be aware that the import-destination tone you select will be overwritten.
- If the import-destination has fewer tones than the import-source, not all of the selected tones will be imported. The number of tones is shown in the upper right of the screen.

Number of import-destination/
import-source tones



- If there is a tone named "INITIAL TONE", it is automatically selected as the import-destination tone (a check mark is added automatically). If you want to keep that tone, clear the check mark.

8. Press the cursor [>] button.

A confirmation message appears.

If you decide to cancel, press the [EXIT] button.

9. To execute, use the cursor [>] button to select "OK", and then press the [ENTER] button.

When import is completed, the message "Import Tone Completed!" appears.

NOTE

Never turn off the power or remove the USB flash drives while the screen indicates "Executing..."

Selecting an Imported Tone

1. In the Scene screen, use the cursor buttons to select the zone whose tone you want to change.

Move the cursor to the tone name.

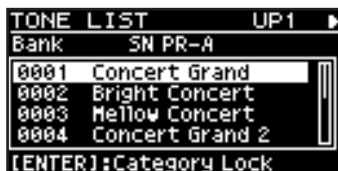
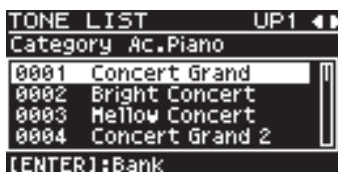


2. Press the [ENTER] button.

The tone list appears.

3. Press the [ENTER] button to display the Bank screen.

Each time you press the [ENTER] button, you alternate between the Category screen which sorts tones by category and the Bank screen which sorts tones by bank.



4. Use the cursor [<] [>] buttons to select the USER bank.

The list of imported tones appears.



5. Use the cursor [^] [v] buttons to select a tone.

MEMO

- After selecting a tone, press the [EXIT] button to return to the Scene screen.
- If you want to save the settings, execute the Scene write operation.
"Saving a scene (write)" (p. 20)

Returning to the factory settings (FACTORY RESET)

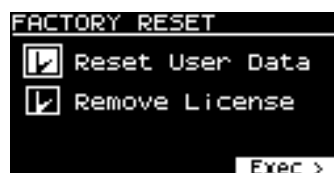
Here's how the settings that you edited and saved on the RD-08 can be returned to their factory-set condition.

- * When you execute this operation, all the settings that you modified after purchasing the RD-08, including the sound parameters, are lost.
- * If you will later need the current settings, be sure to use the backup function (p. 21) to save the current settings before you restore the factory settings.

1. Press the [MENU] button.
2. Use the cursor [^] [v] buttons to select "UTILITY", and then press the [ENTER] button.
3. Use the cursor [^] [v] buttons to select "FACTORY RESET", and then press the [ENTER] button.

If sound packs are imported or installed

The item selection screen appears.



4. Use the cursor [^] [v] buttons to select the item that you want to execute, and then press the [ENTER] button to add a check mark in the check box.

Pressing the [ENTER] button once again clears the check mark.

Item	Explanation
Reset User Data	Settings and data other than user licenses and wave expansions are initialized. * When you execute this operation, all settings that you edited after purchase, including sound parameters, will be erased. * If you want to save the current settings, be sure to use the backup function (p. 21) to save the current settings before you reset the unit to the factory settings.
Remove License	Initializes the user license. Initializing the user license lets you import/install a sound pack that was downloaded with a different user license. * When you execute this operation, the installed wave expansions are deleted. * This operation does not delete the EXZ001.

- * For more about user licenses, refer to "Sound Pack Installation Manual" (PDF).

5. Press the cursor [>] button.
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.
6. To execute, use the cursor [>] button to select "OK", and then press the [ENTER] button.

7. When the screen indicates “Completed.” turn the RD-08’s power off and on again.

If no sound packs are imported or installed

A confirmation message appears.

If you decide to cancel, press the [EXIT] button.

4. To execute, use the cursor [>] button to select “OK”, and then press the [ENTER] button.

If you decide to cancel, press the [EXIT] button.

5. When the screen indicates “Completed.” turn the RD-08’s power off and on again.

Formatting a USB flash drive (FORMAT USB MEMORY)

NOTE

- If the USB flash drive contains important data, be aware that this operation erases all data from the drive.
- Never turn off the power or remove the USB flash drives while the screen indicates “Executing...”

1. Press the [MENU] button.
2. Use the cursor [^] [v] buttons to select “UTILITY”, and then press the [ENTER] button.
3. Use the cursor [^] [v] buttons to select “FORMAT USB MEMORY”, and then press the [ENTER] button.

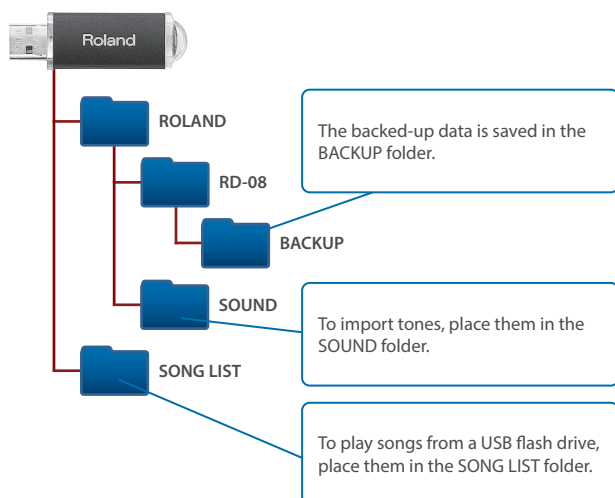
A confirmation message appears.

If you decide to cancel, press the [EXIT] button.

4. To execute, use the cursor [<] [>] buttons to select “OK”, and then press the [ENTER] button.

When formatting is complete, the screen indicates “Completed!”

The folder structure of a USB flash drive



Editing the system settings (SYSTEM)

Here's how to edit system parameters.

1. Press the [MENU] button.
2. Use the cursor [^] [v] buttons to select “SYSTEM”, and then press the [ENTER] button.
3. Use the cursor [^] [v] buttons to select the item that you want to edit, and press the [ENTER] button.
4. Use the cursor [^] [v] buttons to select the parameter that you want to edit, and use the [DEC] [INC] buttons to edit the value.

For details, refer to “Parameter Guide” (PDF).

Saving the system settings (system write)

5. To save the changes, hold down the [SHIFT] button and press the [MENU] button.

MEMO

If you edit the system settings, an “*” symbol appears beside “SYSTEM”.

6. Use the cursor [^] [v] buttons to select “SYSTEM”, and then press the [ENTER] button.

The SYSTEM WRITE confirmation screen appears.

7. To execute, use the cursor [>] button to select “WRITE”, and then press the [ENTER] button.

If you decide to cancel, press the [EXIT] button.

Viewing the program version (INFORMATION)

Here's how to view the version of the RD-08's system program.

1. Press the [MENU] button.
2. Use the cursor [^] [v] buttons to select “INFORMATION”, and then press the [ENTER] button.

USING THE UNIT SAFELY

WARNING

Concerning the Auto Off function

The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). If you do not want the power to be turned off automatically, disengage the Auto Off function (p. 3).



Use only the stand that is recommended

This unit should be used only with a stand that is recommended by Roland.



Do not place in a location that is unstable

When using the unit with a stand recommended by Roland, the stand must be carefully placed so it is level and sure to remain stable. If not using a stand, you still need to make sure that any location you choose for placing the unit provides a level surface that will properly support the unit, and keep it from wobbling.



Precautions regarding placement of this unit on a stand

Be sure to follow the instructions in the Owner's Manual carefully when placing this unit on a stand (p. 3).



If it is not set up properly, you risk creating an unstable situation which could lead to the unit falling or the stand toppling, and may result in injury.

WARNING

Use only the supplied AC adaptor and the correct voltage

Be sure to use only the AC adaptor supplied with the unit. Also, make sure the line voltage at the installation matches the input voltage specified on the AC adaptor's body. Other AC adaptors may use a different polarity, or be designed for a different voltage, so their use could result in damage, malfunction, or electric shock.



Use only the supplied power cord

Use only the attached power cord. Also, the supplied power cord must not be used with any other device.



CAUTION

Use only the specified stand(s)

This unit is designed to be used in combination with specific stands (KS-13, KS-11Z) manufactured by Roland. If used in combination with other stands, you risk sustaining injuries as the result of this product dropping down or toppling over due to a lack of stability.



CAUTION

Evaluate safety issues before using stands

Even if you observe the cautions given in the owner's manual, certain types of handling may allow this product to fall from the stand, or cause the stand to overturn. Please be mindful of any safety issues before using this product.



IMPORTANT NOTES

Power Supply

- Place the AC adaptor so that the side with text is downward.

Placement

- Do not allow objects to remain on top of the keyboard. This can be the cause of malfunction, such as keys ceasing to produce sound.
- Depending on the material and temperature of the surface on which you place the unit, its rubber feet may discolor or mar the surface.

Care of the Keyboard

- Do not write on the keyboard with any pen or other implement, and do not stamp or place any marking on the instrument. Ink will seep into the surface lines and become unremovable.
- Do not affix stickers on the keyboard. You may be unable to remove stickers that use strong adhesives, and the adhesive may cause discoloration.
- To remove stubborn dirt, use a commercially available keyboard cleaner that does not contain abrasives. Start by wiping lightly. If the dirt does not come off, wipe using gradually increasing amounts of pressure while taking care not to scratch the keys.

Repairs and Data

- Before sending the unit away for repairs, be sure to make a backup of the data stored within it; or you may prefer to write down the needed information. Although we will do our utmost to preserve the data stored in your unit when we carry out repairs, in some cases, such as when the memory section is physically damaged, restoration of the stored content may be impossible. Roland assumes no liability concerning the restoration of any stored content that has been lost.

Additional Precautions

- Any data stored within the unit can be lost as the result of equipment failure, incorrect operation, etc. To protect yourself against the irretrievable loss of data, be sure to make a backup of the data stored within it; or you may prefer to write down the needed information.
- Roland assumes no liability concerning the restoration of any stored content that has been lost.
- Never strike or apply strong pressure to the display.
- The sound of keys being struck and vibrations produced by playing an instrument can be transmitted through a floor or wall to an unexpected extent. Please take care not to cause annoyance to others nearby.
- Do not use connection cables that contain a built-in resistor.

Using External Memories

- Please observe the following precautions when handling external memory devices. Also, make sure to carefully observe all the precautions that were supplied with the external memory device.
 - Do not remove the device while reading/writing is in progress.
 - To prevent damage from static electricity, discharge all static electricity from your person before handling the device.

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