

## Owner's Manual

### Owner's Manual (this document)

Read this first. It explains the basic things you need to know in order to use the MC-101.

### PDF Manual (download from the Web)

- **Reference Manual**

This explains all parameters of the MC-101.



### To obtain the PDF manual

1. Enter the following URL in your computer.

<http://www.roland.com/manuals/>



2. Choose "MC-101" as the product name.

Before using this unit, carefully read "USING THE UNIT SAFELY" (p. 20) and "IMPORTANT NOTES" (p. 23). After reading, keep the document(s) where it will be available for immediate reference.

# Panel Descriptions

## Top Panel



### 1 Common Section 1

#### [VOLUME] knob

Adjusts the volume of the OUT jacks.

#### [SHIFT] button

When you hold down the [SHIFT] button and press a button that's labeled with a function name (such as [EDIT]), that function is executed.

#### [PROJECT] button

Accesses the project menu screen.

Here you can load a project and make settings for it.

When used together with the [SHIFT] button, this functions as the [CLEAR] button.

By using the [CLEAR] button together with other buttons, you can clear the recorded contents of the step sequencer or the contents of a phrase.

#### TRACK SEL [1]–[4] button

Select tracks.

If you hold down the [SHIFT] button and press the [SEL] button, the track settings menu appears.

➔ For details, refer to “Reference Manual” (PDF).

#### MEASURE [<] [>] buttons

Move to the measure that you want to edit.

If you hold down the [SHIFT] button and press a [MEASURE [<] [>]] button, the measure length edit screen appears.

➔ For details, refer to “Reference Manual” (PDF).

#### Measure display indicators

The four indicators show the measure that you're editing.

**[▶] (play/stop) button**

Starts or stops playback.

**[●] (rec) button**

Turns on/off recording of your performance using the pads.

If you hold down the **[SHIFT] button** and press the **[●] (record) button**, QUANTIZE turns on.

➔ For details, refer to “Reference Manual” (PDF).

**2 Master Effect Section****[MULTI FX] button**

Turns the selected effect on/off.

If you hold down the **[SHIFT] button** and press the **[MULTI FX] button**, the MULTI FX edit screen appears.

➔ For details, refer to “Reference Manual” (PDF).

**[FX PRM] [FX DEPTH] knob**

Adjust the effect depth.

**3 Mixer Section****Level faders**

Adjusts the volume.

**4 Control Section****[C1]–[C4] knobs**

Necessary functions are assigned to these knobs depending on the operation.

**[SOUND] button**

Assigns the **[C1]–[C4] knobs** to control the SOUND parameter of track 1–4.

If you hold down the **[SHIFT] button** and press the **[SOUND] button**, the sound edit screen appears.

➔ For details, refer to “Reference Manual” (PDF).

**[FILTER] button**

Assigns the **[C1]–[C4] knobs** to control the FILTER parameter of track 1–4.

If you hold down the **[SHIFT] button** and press the **[FILTER] button**, the UTILITY screen appears.

**[MOD] button**

Assigns the **[C1]–[C4] knobs** to control the MOD parameter of track 1–4.

If you hold down the **[SHIFT] button** and press the **[MOD] button**, the MOTION screen appears.

### [FX] button

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Assigns the [C1]–[C4] knobs to control the FX parameter of track 1–4.

If you hold down the [SHIFT] button and press the [FX] button, the COPY screen appears.

## 5 Pad Section

### Pads (16 pads)

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The operation of the pads depends on the pad mode that's selected.

### Common Section 2

### Display

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Shows necessary information for various operations.

### [VALUE] dial

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**Turn:** Edits a value or scrolls the screen. The operation depends on what is shown in the screen.

**Press:** Confirms the editing value or executes the operation.

### [EXIT] button

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Returns to the previous screen.

In some screens, cancels the currently-executing function.

If you hold down the [SHIFT] button and press the [EXIT] button, the TAP screen appears.

### [TEMPO] button

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If the [TEMPO] button is lit, you can use the display and the [VALUE] dial to change the TEMPO setting.

If you hold down the [SHIFT] button and press the [TEMPO] button, the WRITE screen appears.

### PAD [CLIP] button

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Switches the pads to CLIP mode. In CLIP mode, you can use the TRACK SEL [1]–[4] buttons to switch clips in the selected track.

If you hold down the [SHIFT] button and press the [CLIP] button, you can then make settings related to CLIP mode.

**PAD [SEQ] button**

Switches the pads to SEQ mode (p. 15). In SEQ mode, you can use the lit pads to step-record a melody or step-record drums.

If you hold down the **[SHIFT] button** and press the **[SEQ] button**, you can then make settings related to SEQ mode.

**PAD [NOTE] button**

Switches the pads to NOTE mode (p. 14). In NOTE mode, you can use the lit pads to play a melody or drums.

If you hold down the **[SHIFT] button** and press the **[NOTE] button**, you can then make settings related to NOTE mode.

**PAD [SCATTER] button**

Switches the pads to SCATTER mode. In SCATTER mode, you can use the lit pads to apply the SCATTER effect.

If you hold down the **[SHIFT] button** and press the **[SCATTER] button**, you can then make settings related to SCATTER mode.

**Front Panel****A PHONES jack**

You can connect a set of headphones here.

**Bottom Panel****Installing the Batteries**

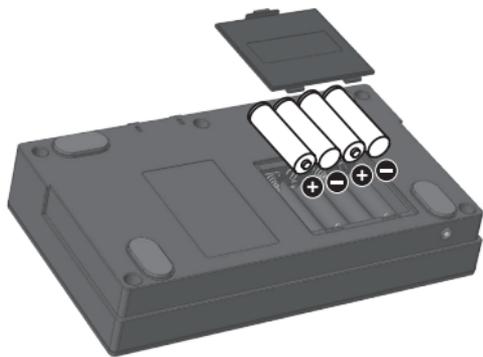
As an alternative to USB bus power, you can use commercially available AA nickel-metal hydride batteries or alkaline batteries to power the unit.

- \* If USB bus power is being supplied, the unit uses USB bus power even if batteries are installed.

**1. Remove the battery cover.**

- \* When turning the unit over, be careful so as to protect the buttons and knobs from damage. Also, handle the unit carefully; do not drop it.

2. Taking care to observe the correct orientation of the batteries, insert the batteries into the battery case.



3. Close the battery cover.

- \* If you handle batteries improperly, you risk explosion and fluid leakage. Make sure that you carefully observe all of the items related to batteries that are listed in "USING THE UNIT SAFELY" (p. 20) and "IMPORTANT NOTES" (p. 23).

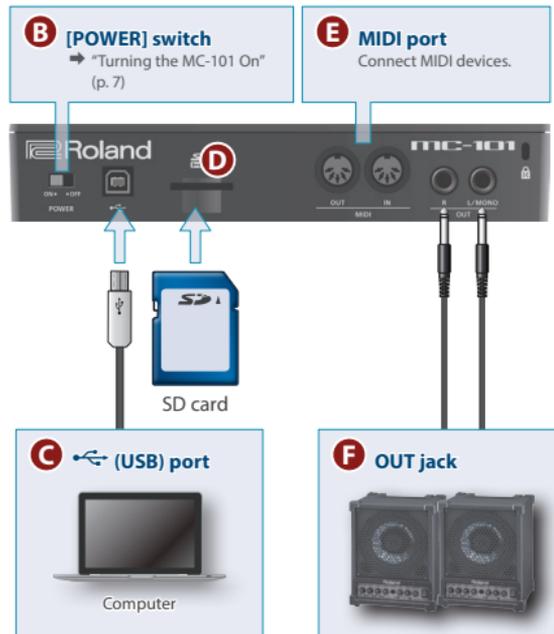
### Battery replacement indicator

When the batteries run low, an indication appears in the screen.

When this occurs, install new batteries.

## Rear Panel (Connecting Your Equipment)

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



**B [POWER] switch**

Turns the power on/off.

**C  (USB) port**

Use a commercially available USB 2.0 cable (type B) to connect this port to your computer. It can be used to transfer USB MIDI and USB audio data. You must install the USB driver when connecting this unit to your computer. For details, refer to Readme.htm in the downloaded file.

➔ <https://www.roland.com/support/>

- \* If USB bus power is being supplied, the unit operates on USB bus power.

**D SD card slot**

With the factory settings, the SD card protector is fastened with the included SD card inserted. If you want to take out the SD card, remove the screws.

The SD card contains various data (settings, sounds, samples, etc.) for this unit.

- \* Never turn off the power or remove the SD card while the SD card is being accessed.
- \* Some memory card types or memory cards from some manufacturers may not record or play back properly on the unit.

**E MIDI port**

Connect these to external MIDI equipment to transmit and receive MIDI messages.

**F OUT L/MONO, R jacks**

These are audio output jacks. Connect them to your amp or monitor speakers.

If you're outputting in mono, connect the L/MONO jack.

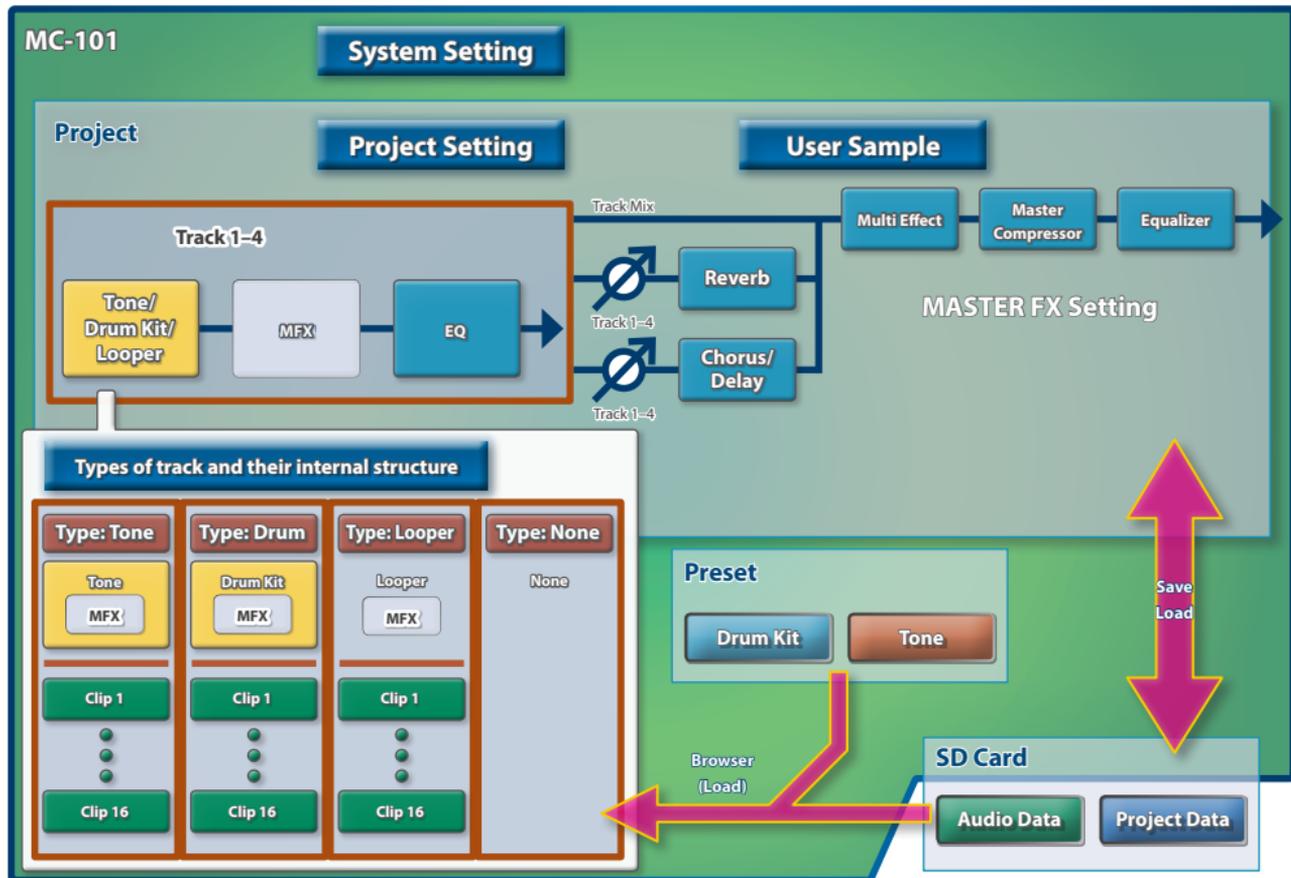
**Turning the MC-101 On**

- 1. Power-on your equipment in the order of MC-101 → connected equipment.**
- 2. Power-on the connected equipment, and raise the volume to an appropriate level.**

**Turning Off the Power**

- 1. Power-off your equipment in the order of connected equipment → MC-101.**

# An Overview of the MC-101



The MC-101 can simultaneously play back up to four independent tracks.

You can assign up to 16 clips to each track, and switch between these clips during playback.

## What is a Track?

There are three types of track.

- Tone:** A track that mainly handles clips that have pitch.
- Drum:** A track that handles drum and percussion clips.
- Looper:** A track that handles audio loops. You can import audio data from an SD card, or record sound that's input from a track. Time stretch is also supported.

## What is a Clip?

A “clip” is a collection of data to be played back by a track. The data included in a clip differs depending on the type of track.

### Track type: Tone

- Clip setting:** This contains the name of the clip, and information and settings for the clip.
- Tone:** This contains settings for the sound. It also includes effect (MFX) settings. (\*1)
- Phrase:** This is performance data and data that creates changes in the sound (MOTION).

### Track type: Drum

- Clip setting:** This contains the name of the clip, and information and settings for the clip.
- Drum kit:** This contains settings for the sound. It also includes effect (MFX) settings. (\*1)
- Phrase:** This is performance data and data that creates changes in the sound (MOTION).

### Track type: Looper

- Clip setting:** This contains the name of the clip, and information and settings for the clip.
- Looper sample:** This is the audio data played by the looper.
- Looper setting:** This contains settings that specify how the looper sample is played.
- MFX:** This contains effect (MFX) settings. (\*1)
- Phrase:** This contains data that creates changes in the sound (MOTION).

\* 1 Alternatively, you can use the track's settings instead of the clip's settings.

## What is a Project?

On the MC-101, data for one song is managed as a unit called a “**project**.” Projects are saved on the SD card.

A project contains data for tracks, clips, and tones, and the data for the samples that are used.

If you want to keep the results of your editing, save the project.

## What is the Browser?

This lets you select the material that you need for the project that you’re working on.

### Selecting preset tones and drum kits

You can browse the preset tones and drum kits, and use them.

### Selecting from a project on the SD card

You can browse clips, tones, and drum kits, and use them.

### Selecting from audio files on the SD card

You can use these as looper samples to be played by a looper track.

You can also use them as user samples for a tone or drum kit.

## Master FX Setting

The MC-101 is equipped with five master effects.

Settings for these effects are saved in the project.

- **Reverb**

Adds reverberation to the sound.

- **Chorus/Delay**

Gives the sound depth and spaciousness (Chorus), or delays the sound in an echo-like manner (Delay).

- **Master Compressor**

Compresses loud peaks of the master output, making the volume more consistent.

- **Multi FX**

Lets you select and use one of various effects such as filter or overdrive.

- **Equalizer**

An equalizer with three frequency bands (low, mid, high).

## USER SAMPLE

User samples used by tones and drum kits.

# Performing and Producing

## Loading and Playing a Project

On the MC-101, data for one song is handled as a unit called a “project.” Projects are saved on the SD card.



1. Press the [PROJECT] button.
2. Use the [VALUE] dial to select the LOAD menu and press the [VALUE] dial to confirm.
3. Use the [VALUE] dial to select the Project that you want to load, and press the [VALUE] dial to confirm.

When the confirmation message appears, press the [VALUE] to confirm.

4. Press the [▶](play/stop) button.

The project plays.

## Switching Clips (CLIP Mode)



1. Press the [CLIP] button.

The pads are now in CLIP mode.

You can choose the clips that are played by the pads.

2. Press a pad and select a clip.

The clip is switched for the track that you select using the TRACK SEL [1]–[4] buttons.

## Selecting a Tone or Drum Kit



### 1. Press the PAD [NOTE] button.

The pads are assigned to NOTE mode.

### 2. Use the [VALUE] dial to change the tone or drum kit.

#### MEMO

- When you press the [VALUE] dial, a detailed menu appears.
- You can strike the pads to audition the sound of the selected tone or drum kit.

## Loading a Clip from SD Card



### 1. Stop playback the project.

Make sure that the [▶] button is blinking.

If the [▶] button is lit, press the [▶] button to stop playback.

### 2. Press the [PROJECT] button.

### 3. Use the [VALUE] dial to select clip IMPORT menu, and press the [VALUE] dial.

### 4. Use the [VALUE] dial to select the project that contains the clip that you want to import, and press the [VALUE] dial.

5. Use the [VALUE] dial to select the clip that you want to import, and press the [VALUE] dial.
6. Use the [VALUE] dial to select the import-destination, and press the [VALUE] dial.

## Performing with the Pads (NOTE Mode)

By using the NOTE mode of the pads, you can perform using the illuminated pads.



1. Press the [SEL] button of the tracks that you want to play.
2. Press the [NOTE] button.

The pads are now in NOTE mode.

You can perform using the illuminated pads.

## Recording a Pad Performance



1. Use the TRACK SEL [1]–[4] buttons to select a track.
2. Press the PAD [CLIP] button.
3. Press a pad to select the recording-destination clip.
4. Press the PAD [NOTE] button.
5. Press the [●](record) button to make it light.
6. Press the [▶](play/stop) button to play back.
7. Play the pads and record the performance.

## About the Step Sequencer

The phrase data included in a clip is played back by the step sequencer for each track.

By setting pad mode to SEQ, you can check and edit the content that is played back by each step.

If the track type is the tone, use the [VALUE] dial to select a step, and then press the [VALUE] dial to confirm; now you can use the [C1]–[C4] knobs to edit the note data that is input into that step.

In the case of a chord, turn the [VALUE] dial to individually check and edit each of the notes in the chord.

If the track type is the drum, use the [VALUE] dial to select a drum instrument; the pads indicate the step at which that drum instrument is played.

### MEMO

If you hold down the [SHIFT] button and press a pad, you can then use the [C1]–[C4] buttons to check and edit detailed parameters for the timing of that note.

## Using Scatter (SCATTER Mode)

“Scatter” is a beat-synchronized effect. It lets you add a sense of digital groove to the playback sound.



1. Press the [▶] (play) button to play back the project.
2. Press the PAD [SCATTER] button.
3. Press the pad.

You can apply various effects for each pad.

# Making Various Settings

## Editing Settings

Here's how to edit the settings of this unit.

1. Hold down the **[SHIFT]** button and press the **[FILTER]** button.

The UTILITY menu appears.

2. You can make various settings by turning the **[VALUE]** dial to select a menu item and then pressing the **[VALUE]** dial to confirm.

➔ For details, refer to "Reference Manual" (PDF).

## Returning to the Factory Settings (Factory Reset)

Here's how to return the settings of this unit to their factory-set state.



1. Hold down the **[SHIFT]** button and press the **[FILTER]** button.

The UTILITY menu appears.

2. Use the **[VALUE]** dial to select "FACTORY RESET" and press the **[VALUE]** dial.

A confirmation message appears.

### 3. To execute, press the [VALUE] dial.

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

- \* Factory reset does not restore the contents of the SD card to their factory-set state. For more about the data that was on the SD card when shipped from the factory, refer to the following URL.

➔ <https://www.roland.com/support/>

- \* If you want to back up the contents of the SD card included with the MC-101 to your computer, use your computer to save the contents on other media.

## Using a New SD Card

If you're using a new SD card, you must first format it on the MC-101.



### 1. Remove the screws of the SD card protector (rear panel).

The SD card protector is fastened with screws. To remove the card protector, use a Philips screwdriver to remove the screws.

**2. Replace the SD card.**

Attach the SD card protector as necessary.

- \* Never turn off the power or remove the SD card while the SD card is being accessed.

**3. Hold down the [SHIFT] button and press the [FILTER] button.**

The UTILITY menu appears.

**4. Use the [VALUE] dial to select "SD CARD FORMAT" and press the [VALUE] dial.**

A confirmation message appears.

**5. Press the [VALUE] dial to execute.**

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

# Main Specifications

## Roland MC-101: Groovebox

Power Supply	Ni-MH Battery (AA, HR6), Alkaline (AA, LR6) x 4, or obtained via USB port (USB bus power)
Current Draw	500 mA
Expected battery life under continuous use	Ni-MH battery (AA, HR6): Approx. 4.5 hours Alkaline (AA, LR6): Approx. 3 hours <b>* These can vary depending on the specifications of the batteries and the conditions of use.</b>
Dimensions	174 (W) x 133 (D) x 58 (H) mm 6-7/8 (W) x 5-1/4 (D) x 2-5/16 (H) inches
Weight (including batteries)	554 g 1 lb 4 oz
Accessories	Owner's Manual, Alkaline battery (AA, LR6) x 4

- \* 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.

# USING THE UNIT SAFELY

## INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

About  WARNING and  CAUTION Notices

 <b>WARNING</b>	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
 <b>CAUTION</b>	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly.  * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

About the Symbols

	The  symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
	The  symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The  symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

ALWAYS OBSERVE THE FOLLOWING

### **WARNING**

#### Do not disassemble or modify by yourself

Do not carry out anything unless you are instructed to do so in the owner's manual. Otherwise, you risk causing malfunction.



#### Do not repair or replace parts by yourself

Be sure to contact your dealer, a Roland service center, or an official Roland dealer.



For a list of Roland service centers and official Roland dealers, refer to the Roland website.

### **WARNING**

#### Do not use or store in the following types of locations

- Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are
- Damp (e.g., baths, washrooms, on wet floors); or are
- Exposed to steam or smoke; or are
- Subject to salt exposure; or are
- Exposed to rain; or are
- Dusty or sandy; or are
- Subject to high levels of vibration and shakiness; or are
- Placed in a poorly ventilated location.



### **WARNING**

#### Do not place in an unstable location

Otherwise, you risk injury as the result of the unit toppling over or dropping down.



#### Avoid extended use at high volume

Use of the unit at high volume for extended periods of time may cause hearing loss. If you ever experience any hearing loss or ringing in the ears, you should immediately stop using the unit and consult a specialized physician.



#### Do not allow foreign objects or liquids to enter unit; never place containers with liquid on unit

Do not place containers containing liquid (e.g., flower vases) on this product. Never allow foreign objects (e.g., flammable objects, coins, wires) or liquids (e.g., water or juice) to enter this product. Doing so may cause short circuits, faulty operation, or other malfunctions.




**WARNING**

**Turn off the unit if an abnormality or malfunction occurs**

In the following cases, immediately turn off the power and contact your dealer, a Roland service center, or an official Roland dealer for service.



- If smoke or unusual odor occurs; or
- Objects have fallen into, or liquid has been spilled onto the unit; or
- The unit has been exposed to rain (or otherwise has become wet); or
- The unit does not appear to operate normally or exhibits a marked change in performance.

For a list of Roland service centers and official Roland dealers, refer to the Roland website.

**Be cautious to protect children from injury**

Always make sure that an adult is on hand to provide supervision and guidance when using the unit in places where children are present, or when a child will be using the unit.



**Do not drop or subject to strong impact**

Otherwise, you risk causing damage or malfunction.



**WARNING**

**Handle batteries carefully**

If used improperly, you risk the dangers of fluid leakage, overheating, combustion, explosion, etc. Carefully observe the following:

- Do not heat, disassemble, or toss them into a fire or water.
- Do not expose them to sunlight, flame, or any other source of extreme heat.
- Do not attempt to charge a dry cell battery.
- When using a rechargeable battery and a charger, make sure to use only the combination of rechargeable battery and charger that has been specified by the battery manufacturer. Also, be sure to read all of the precautions that were supplied with the rechargeable battery and charger, and abide by them when using the battery/charger.



**CAUTION**

**Route all power cords and cables in such a way as to prevent them from getting entangled**

Injury could result if someone were to trip on a cable and cause the unit to fall or topple.



**Avoid climbing on top of the unit, or placing heavy objects on it**

Otherwise, you risk injury as the result of the unit toppling over or dropping down.



**Disconnect all cords/cables before moving the unit**

Damage or malfunction may result if you fail to disconnect all cables before moving the unit.



 **CAUTION**

**Handle batteries carefully**

If used improperly, batteries may explode or leak and cause damage or injury. In the interest of safety, please read and observe the following precautions.



- Carefully follow the installation instructions for batteries, and make sure you observe the correct polarity.
- Avoid using new batteries together with used ones. In addition, avoid mixing different types of batteries.
- Remove the batteries whenever the unit is to remain unused for an extended period of time.
- Whenever the unit is to remain unused for an extended period of time, make a backup of any important data, and then remove the batteries.
- Never keep batteries together with metallic objects such as ballpoint pens, necklaces, hairpins, etc.
- Used batteries must be disposed of in compliance with whatever regulations for their safe disposal that may be observed in the region in which you live.

 **CAUTION**

**Keep small items out of the reach of children**

To prevent accidental ingestion of the parts listed below, always keep them out of the reach of small children.



**Removable Parts**

- SD card (p. 7)
- SD card protector (p. 17)
- Screws (p. 17)

**Take care not to get burned**

Batteries may reach a high temperature; please be careful to avoid burning yourself.



**Handle leaking batteries carefully**

- Do not touch the liquid with your bare hands.
- If any of the leaking fluid gets into your eyes, the loss of vision may result. Do not rub your eyes; use clean water to flush them thoroughly. Then, promptly see a doctor.
- Burning of the skin or dermatitis may result if fluid has gotten onto your skin or clothing. Use clean water to flush affected areas thoroughly; then, promptly see a doctor.
- Using a soft cloth, carefully wipe any remaining fluid from the inside of the battery compartment. Then, install new batteries.



## Use of Battery

- Before installing/removing batteries, make sure to turn off the power to this unit and disconnect all connections to other devices.
- The life of the supplied batteries may be limited, since its primary purpose was to enable testing.
- If operating this unit on batteries, please use alkaline batteries, Ni-MH batteries.

## Placement

- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference.
- This unit may interfere with radio and television reception. Do not use this unit in the vicinity of such receivers.
- Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.

- When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.
- Depending on the material and temperature of the surface on which you place the unit, its rubber feet may discolor or mar the surface.
- Do not place containers or anything else containing liquid on top of this unit. Also, whenever any liquid has been spilled on the surface of this unit, be sure to promptly wipe it away using a soft, dry cloth.

## Maintenance

- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

## 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, try to make a habit of creating regular backups of the data you've stored in the unit.
- Roland assumes no liability concerning the restoration of any stored content that has been lost.
- Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- Never strike or apply strong pressure to the display.
- When disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- To avoid disturbing others nearby, try to keep the unit's volume at reasonable levels.

### Using External Memories

- Please observe the following precautions when handling external memory devices:
  - 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.
  - Avoid touching the terminals and protect them from contact with metallic objects; make sure they stay clean.
  - Do not bend, drop, or apply strong force to the device.
  - Do not leave the device in locations where it may be exposed to direct sunlight, or in environments such as a tightly closed motor vehicle.
  - Prevent the device from getting wet.
  - Do not disassemble or modify the device.

### Intellectual Property Right

- It is forbidden by law to make an audio recording, video recording, copy or revision of a third party's copyrighted work (musical work, video work, broadcast, live performance, or other work), whether in whole or in part, and distribute, sell, lease, perform or broadcast it without the permission of the copyright owner.
- Do not use this product for purposes that could infringe on a copyright held by a third party. We assume no responsibility whatsoever with regard to any infringements of third-party copyrights arising through your use of this product.
- The copyright of content in this product (the sound waveform data, style data, accompaniment patterns, phrase data, audio loops and image data) is reserved by Roland Corporation.
- Purchasers of this product are permitted to utilize said content (except song data such as Demo Songs) for the creating, performing, recording and distributing original musical works.
- Purchasers of this product are NOT permitted to extract said content in original or modified form, for the purpose of distributing recorded medium of said content or making them available on a computer network.
- The SD logo  and SDHC logo  are trademarks of SD-3C, LLC.
- ASIO is a trademark and software of Steinberg Media Technologies GmbH.

- This product contains eParts integrated software platform of eSOL Co.,Ltd. eParts is a trademark of eSOL Co., Ltd. in Japan.
- This Product uses the Source Code of  $\mu$ T-Kernel under T-License 2.0 granted by the T-Engine Forum ([www.tron.org](http://www.tron.org)).
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