BOSS LOOP RHYTHM STATION RC-10R

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. 23)). After reading, keep the document(s) where it will be available for immediate reference.

Panel Descriptions

Top Panel
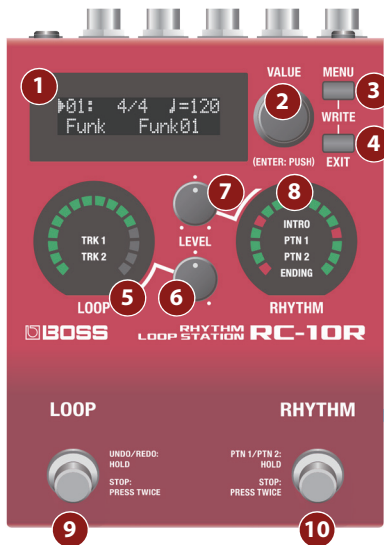
1 Display

Shows the number of the current phrase memory, and various other information.

2 [VALUE] knob

Selects the parameter that's shown in the display, or edits the value.

3 [MENU] button

Accesses various parameters.

MEMO

By pressing the [MENU] button and [EXIT] button simultaneously, you can save the phrase (p. 17).

4 [EXIT] button

Used to move the cursor shown in the display, and also for other purposes.

5 LOOP indicator

The indicators around the edge light according to the status of recording, playback, or overdubbing.

The center of the indicator shows the division (TRK 1, TRK 2) of the loop that's playing.

6 [LEVEL] (LOOP) knob

Adjusts the volume of the phrase loop.

7 [LEVEL] (RHYTHM) knob

Adjusts the volume of the rhythm.

8 RHYTHM indicator

The indicators around the edge light according to the rhythm playback status.

The center of the indicator shows the division (INTRO, PTN 1, PTN 2, ENDING) of the rhythm that's playing.

9 [LOOP] switch

Switches between recording, playback, and overdubbing.

For an empty phrase

Recording -> Playback -> Overdubbing

For a phrase that contains data

Playback -> Overdubbing

During playback or overdubbing

Hold down the switch for two seconds or longer to Undo (cancel the recording or the last overdub). Hold down the switch once again for two seconds or longer to Redo (cancel the Undo).

Press the switch twice in succession to stop.

While stopped

Hold down the switch for two seconds or longer to clear the phrase.

10 [RHYTHM] switch

While the rhythm is stopped

Press the switch to play the rhythm.

Hold down the switch for two seconds or longer to turn SYNC on/off (p. 10).
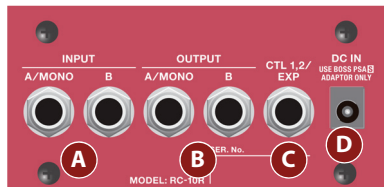
While the rhythm is playing

Press the switch to add a fill-in.

Hold down the switch for two seconds or longer to switch the division (PTN 1/PTN 2).

Press the switch twice in succession to stop playback.

3

Rear Panel (Connecting Your Equipment)

A INPUT (A/MONO, B) jacks

Connect your guitar, bass, or effect unit here.

Use the A and B jacks if connecting an effect unit that has stereo output. Use only the A jack if using this unit in mono.

B OUTPUT (A/MONO, B) jacks

Connect this jack to your amp or monitor speakers.

Use only the OUTPUT A jack if using this unit in mono. Even sound that is input in stereo is output in mono.

Turning On/Off the Power

* Once everything is properly connected, be sure to follow the procedure below to turn on their power. If you turn on equipment in the wrong order, you risk causing malfunction or equipment failure.

The DC IN jack also operates as the power switch. The power turns on when you insert a plug into the DC IN jack. The power turns off when you remove the plug.

When powering up

Power-up equipment such as your guitar amp last.

When powering down

Power-down equipment such as your guitar amp first.

Caution when turning off the power

* **Never turn off the power in the following states (don't remove the plug from the DC IN jack). You risk losing all of the saved data.**
  * While the LOOP indicator is rotating (during recording, playback, or overdubbing)
  * While the display indicates "LOADING…" or "EXECUTING…" (while switching, saving, deleting, or loading phrase memory)

---

* 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.

AUTO OFF Settings

If you don't need the power to turn off automatically, set "AUTO OFF" to "OFF."

1. **From the Menu screen → "SYSTEM" → select "AUTO OFF" and press the [VALUE] knob to confirm.**

2. **Turn the [VALUE] knob to change the value.**

OFF	The power will not turn off automatically.
ON	The power will automatically turn off when 10 hours have passed since you last played or operated the RC-10R.

3. **Press the [EXIT] button several times to return to the top screen.**

C CTL 1, 2/EXP jacks

You can connect a footswitch (sold separately: FS-5U, FS-6, FS-7) and use it to control various functions.

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

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

D DC IN jack

Connect the included AC adaptor to this jack.

* Use only the included AC adaptor. Using any other adaptor may result in malfunctions or electric shock.

---

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

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

Side Panel (Connecting Your Equipment)

E MIDI jacks

Connect an external MIDI device here. You can synchronize an external MIDI device with this unit.

To make this connection, use a TRS/MIDI connecting cable (sold separately: BMIDI-5-35).

NOTE

Do not connect an audio device here. Doing so will cause malfunctions.

F USB port

Connect your computer using a commercially available USB cable that supports USB 2.0.
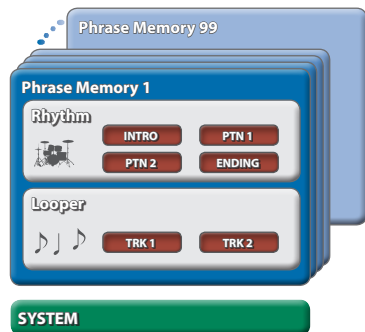
You can use your computer to read or write the RC-10R's phrases, and synchronize an external USB MIDI device with the RC-10R.

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

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

How the RC-10R Is Organized

Phrase Memory

A combination of a track with a rhythm pattern is called a "phrase memory." You can store up to 99 different phrase memories.

Rhythm

The rhythm consists of four divisions: INTRO, PTN 1, PTN 2, and ENDING. Additionally, the PTN 1 and the PTN 2 each have their own fill-in.

Looper

The looper consists of two divisions: TRK 1 and TRK 2. You can use this to record and play back the sound of your guitar or bass.

SYSTEM

This contains overall settings for the entire RC-10R.

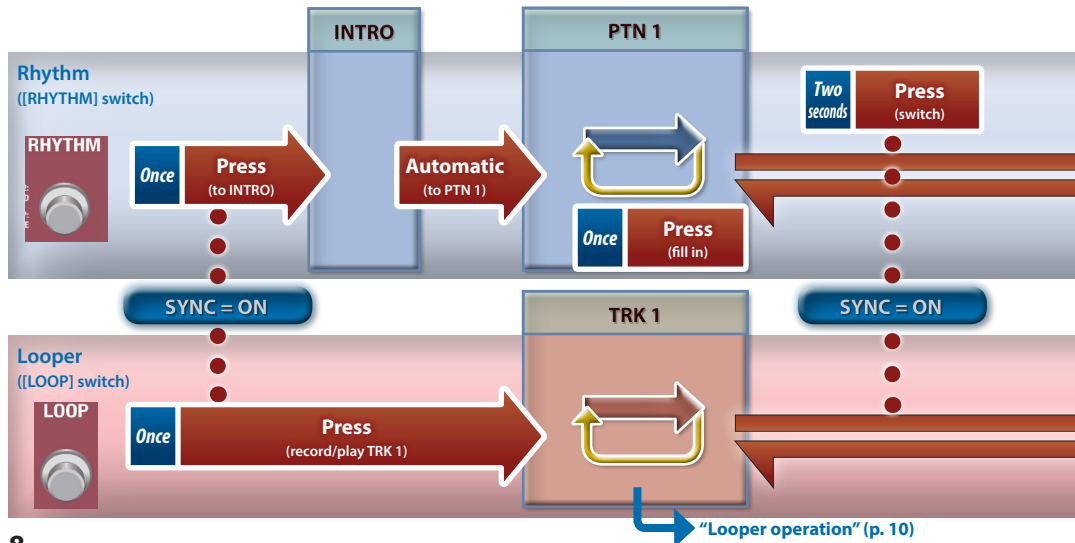➡ For details, refer to "Parameter Guide (English)" (PDF).

"Recording" and "Overdubbing"

In this manual, "recording" refers to the first recording that you make on an empty track, and "overdubbing" refers to the second and subsequent recordings that you layer onto the first recording.

English

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

7

Basic Operation

Workflow

The RC-10R lets you use "rhythm playback," "loop recording," and "rhythm playback + loop recording."

		INTRO	PTN 1	

Rhythm
([RHYTHM] switch)

RHYTHM

Once | **Press**
(to INTRO)

Automatic
(to PTN 1)

Once | **Press**
(fill in)

Two seconds | **Press**
(switch)

SYNC = ON

SYNC = ON

Looper
([LOOP] switch)

LOOP

TRK 1

Once | **Press**
(record/play TRK 1)

PTN 2

ENDING

Once **Press** (fill in)

Twice **Press** (to ENDING)

TRK 2

Twice **Press** (stop)
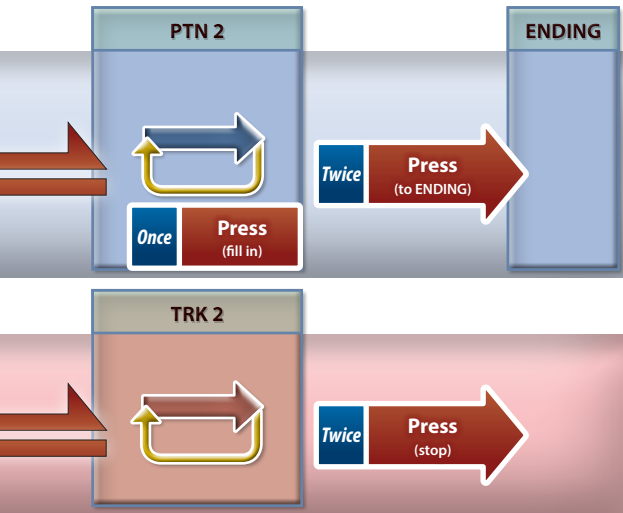
INTRO
A short intro suitable for the pattern will play.

PTN 1
This is the basic rhythm pattern.

PTN 2
This rhythm pattern is more flamboyant than the PTN 1.

Fill in
You can insert a fill-in at any time while the PTN 1 or PTN 2 are playing. The fill-in is also inserted when you switch between PTN 1 and PTN 2.
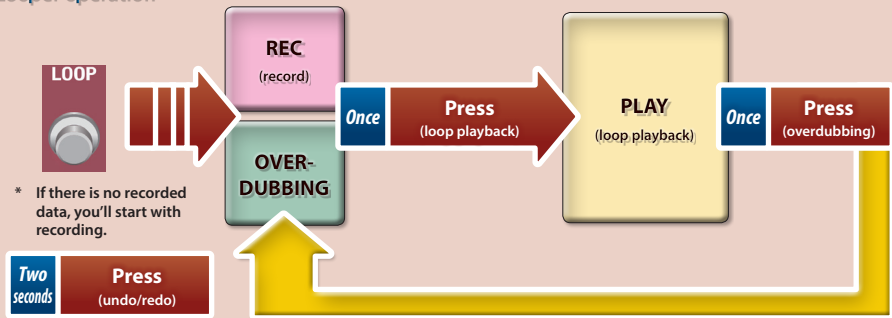The PTN 1 and the PTN 2 each play a different fill-in.

ENDING
After a fill-in, the ending plays and then the rhythm stops.

Looper (TRK 1, TRK 2)
Use this to record and play back the sound of your guitar or bass.
When you switch between PTN 1 and PTN 2 in the Rhythm section, these tracks also switch automatically for the looper section.

Looper operation

LOOP

REC
(record)

OVER-DUBBING

Once | **Press** (loop playback)

PLAY
(loop playback)

Once | **Press** (overdubbing)

* **If there is no recorded data, you'll start with recording.**

Two seconds | **Press** (undo/redo)

Synchronizing the looper and rhythm (p. 15)

You can specify whether the looper and rhythm operate simultaneously (SYNC ON) or separately (SYNC OFF).

To turn SYNC on/off, hold down the [RHYTHM] switch for two seconds or longer while the looper and rhythm are stopped.

When SYNC is on, the RHYTHM indicator changes color.

SYNC OFF: red and green

SYNC ON: red and light blue

10

Basic Rhythm Operation

Selecting a Rhythm Pattern

The RC-10R contains more than 280 different rhythm patterns.

1. **Press the [VALUE] knob to move the cursor to the genre.**

```
01:  4/4  ♩=120
▶Funk   Funk01
```

* If the screen is different than shown above, press the [EXIT] button several times to access the top screen.

2. **Turn the [VALUE] knob to select the genre.**

```
01:  4/4  ♩=120
▶Pop    Pop01
```

3. **Press the [VALUE] knob to move the cursor to the rhythm pattern.**

```
01:  4/4  ♩=120
Pop    ▶Pop01
```

4. **Turn the [VALUE] knob to select the rhythm pattern.**

```
01:  4/4  ♩=120
Pop    ▶Pop02
```

MEMO

- For details on the internal rhythm patterns, refer to "Parameter Guide" (PDF). To obtain the PDF manual, refer to p. 21.

- You can't change the time signature of the rhythm patterns. Select a rhythm pattern of the time signature that you want to play.

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

Playing the Rhythm

1. Press the [RHYTHM] switch.

The rhythm plays.

The RHYTHM indicator rotates at the timing of the rhythm.

Switching Between PTN 1 and PTN 2

1. While the rhythm is playing, hold the [RHYTHM] switch for two seconds.

A fill-in is inserted, and then the division that plays is switched.

Stopping the Rhythm

1. While the rhythm is playing, press the [RHYTHM] switch twice in succession.

A fill-in is inserted, the ending plays, and then the rhythm stops.

- You can also start the rhythm without playing the intro.
- You can also stop the rhythm without playing the ending.

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

Inserting a Fill-In

1. While the PTN 1 or PTN 2 are playing, press the [RHYTHM] switch once.

A fill-in appropriate to the rhythm pattern is inserted.

MEMO

- A fill-in is also inserted when you switch between PTN 1 and PTN 2.

Adjusting the Rhythm Volume

1. **Turn the [LEVEL] (RHYTHM) knob.**

Adjusting the Tempo

1. **Press the [VALUE] knob to move the cursor to the tempo.**

```
01:  4/4 ♩=120
Funk    Funk01
```

2. **Turn the [VALUE] knob to adjust the tempo.**

Basic Looper Operation

Selecting a Phrase Memory

1. **Press the [VALUE] knob to move the cursor to the phrase number.**

```
▶01:  4/4  ♩=120
 Funk    Funk01
```

2. **Turn the [VALUE] knob to select a phrase memory (1–99).**

LOOP indicator	Explanation
Unlit	No recorded data
	Press the [LOOP] switch to start recording
Lit Green	Recorded data exists
	Press the [LOOP] switch to start loop playback

Record

Select a phrase memory that does not contain recorded data, and press the [LOOP] switch to start recording.

Track status and LOOP indicator color

Green:	When stopped, data exists; otherwise, playing
Red:	Recording
Orange:	Overdubbing
Light blue:	When using Undo or Redo

Overdub

By pressing the [LOOP] switch during loop playback, you can record another layer (overdub) onto the currently-playing phrase.

- If you press the [LOOP] switch during overdubbing, you'll switch to loop playback.
- You can perform Undo and Redo operations.
  ➜ "Cancelling an Overdub (Undo/Redo/Track Clear)" (p. 15)

Loop Playback

During overdubbing, or if a phrase memory containing recorded data is selected, you can press the [LOOP] switch to start loop playback.

- If you press the [LOOP] switch during loop playback, you'll switch to overdubbing.
- During phrase playback, if you move the cursor to the phrase number and turn the [VALUE] knob, the phrase memory number blinks, allowing you to select the next phrase (memory shift).
- You can also perform memory shift operations using an external footswitch connected to the CTL 1, 2 jacks.
  ➜ For details, refer to "Parameter Guide (English)" (PDF).

Stopping

To stop, press the [LOOP] switch twice in succession.

Cancelling an Overdub (Undo/Redo/Track Clear)

You can Undo/Redo by holding down the [LOOP] switch for two seconds or longer during phrase playback or overdubbing.

You can clear the phrase by holding down the [LOOP] switch for two seconds or longer while the phrase is stopped.

Operation	Explanation
Undo	You can cancel the recording or the most recent overdub by holding down the [LOOP] switch for two seconds or longer during playback or overdubbing.
Redo	If you want to bring back the cancelled sound, once again hold down the [LOOP] switch for two seconds or longer during playback. Redo is possible only for overdubbing.
Clear	While phrase playback is stopped, you can hold down the [LOOP] switch for two seconds or longer to clear the phrase (this Clear operation is temporary; the phrase saved in phrase memory is not lost).

Using Rhythm and Looper Together

For even more variety in your performance, you can use the rhythm together with the looper.

Using the Looper to Record a Backing with Rhythm

1. **Make sure that the rhythm and the looper are stopped.**

2. **Hold down the [RHYTHM] switch for two seconds or longer.**

   SYNC turns on, so that the rhythm and looper will operate simultaneously.

   When SYNC is on, the RHYTHM indicator changes color.

   SYNC OFF: red and green

   SYNC ON: red and light blue

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

3. Press the [RHYTHM] switch.

After the intro plays, the rhythm's PTN 1 plays. At the same time, the looper's TRK 1 starts being recorded.
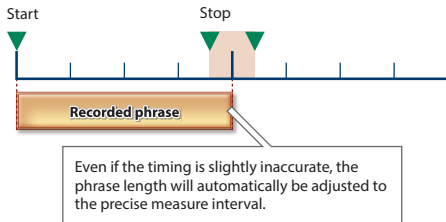
4. Press the [LOOP] switch.

The length of the TRK 1 is determined, and the looper switches to the playback state.

You can perform freely while playing back the backing track that you created using the rhythm and looper.

You can also press the [LOOP] switch again and overdub.

* The length of the track is automatically adjusted (loop quantized) according to the tempo and the time signature of the rhythm.

Even if the timing is slightly inaccurate, the phrase length will automatically be adjusted to the precise measure interval.

* The rhythm is not recorded on the looper.

* Even during loop recording, overdubbing, or playback, you can freely insert a rhythm fill-in by pressing the [RHYTHM] switch.

Recording a TRK 2

Just as you can switch the rhythm between the PTN 1 and the PTN 2, you can also switch between the looper's TRK 1 and TRK 2 during recording or playback. This lets you create a backing track that contains different chord progressions appropriate for the song's playback parts.

1. During TRK 1 recording, overdubbing, or playback, hold down the [RHYTHM] switch for two seconds or longer.

The rhythm switches to playing the PTN 2, and at the same time the looper switches to recording the TRK 2.

In the same way as when recording the TRK 1, you can also switch the TRK 2 between playback and overdubbing.

MEMO

- The rhythm part that is playing and the looper track that is recording, playing, or overdubbing are shown in the center of each indicator.
  ➡ "5 LOOP indicator" (p. 2)
  ➡ "8 RHYTHM indicator" (p. 3)

Stopping Playback

1. Press the [RHYTHM] switch twice in succession.

Playback continues to the end of the measure, the ending plays, and then playback stops.

Phrase Memories (Write/Delete)

Saving a phrase

If you record or overdub, or make rhythm settings, and then select another phrase memory or turn off the power, your phrase settings will be lost.

If you want to keep your phrase, you must write it into memory.

1. While stopped, hold down the [MENU] button and press the [EXIT] button.

The MENU screen appears.

```
WRITE MENU
▶              WRITE
```

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

17

2. Turn the [VALUE] knob to select "WRITE," then press the [VALUE] knob to confirm.

```
WRITE TARGET
▶            99
```

3. Turn the [VALUE] knob to select the write-destination phrase memory.

```
WRITE TARGET
▶            99
```

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

MEMO

- The maximum recording time is a total of approximately six hours for all phrases (including an unsaved phrase). If there's not enough memory to save the phrase, the display indicates "MEMORY FULL!" In this case, delete unneeded phrases (p. 18) and then try the operation again.

4. Press the [VALUE] knob.

The phrase is saved.

NOTE

- Never turn off the power while "EXECUTING..." is shown. Doing so might cause all saved data to be lost.

- When repairing the unit, we take great care to save the contents of memory, but it might not be possible to recover the contents of memory in cases such as when the memory section has malfunctioned.

- Roland accepts no responsibility, financial or otherwise, for recovering any contents lost from this unit's memory.

Deleting a phrase

Here's how to delete a phrase.

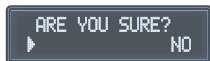**1. While stopped, hold down the [MENU] button and press the [EXIT] button.**

The MENU screen appears.

```
WRITE MENU
▶         WRITE
```

2. Turn the [VALUE] knob to select "CLEAR," and then press the [VALUE] knob to confirm.

```
CLEAR TARGET
▶              99
```

3. **Turn the [VALUE] knob to select the phrase memory that you want to delete, and then press the [VALUE] knob to confirm.**

```
ARE YOU SURE?
▶              NO
```

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

4. **Turn the [VALUE] knob to select "YES," and then press the [VALUE] knob.**

The phrase is deleted.

NOTE

- Never turn off the power while "EXECUTING..." is shown. Doing so might cause all saved data to be lost.

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

19

Appendix

Returning to the Factory Settings
(Factory Reset)

Restoring the RC-10R's settings to their original factory default settings is referred to as "Factory Reset."

Factory reset lets you return the system settings to their factory-set state or initialize all phrase memories. When you initialize the phrase memories, the phrases are deleted.
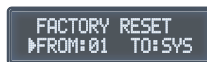
1. **Press the [MENU] button.**

The MENU screen appears.

```
MENU
▶       RHYTHM
```

2. **Turn the [VALUE] knob to select "FACTORY RESET," and then press the [VALUE] knob to confirm.**

You see a screen where you can specify the range of the factory reset.

```
FACTORY RESET
▶FROM:01  TO:SYS
```

3. **Specify the range of the factory reset.**

To advance the cursor	Press the [VALUE] knob.
To return the cursor	Press the [EXIT] button.
To edit the value	Turn the [VALUE] knob.

Parameter	Value	Explanation
FROM	SYS	System and MIDI parameter settings
TO	1–99	The contents of phrase memories 1–99

4. **Press the [VALUE] knob to confirm the range of the factory reset.**
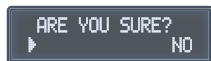
```
ARE YOU SURE?
▶            NO
```

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

5. **Turn the [VALUE] knob to select "YES," and then press the [VALUE] knob.**

The factory reset is executed.

NOTE

• Never turn off the power while "EXECUTING..." is shown. Doing so might cause all saved data to be lost.
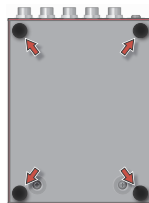
Attaching the Rubber Feet

You can attach the rubber feet (included) if necessary.

Attach them in the locations shown in the illustration.

Using the unit without rubber feet may damage the floor.

* 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.

To Obtain the Parameter Guide

1. **Access the following URL.**

http://www.boss.info/manuals/

2. **Choose "RC-10R" as the product name.**

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

21

Main Specifications

BOSS RC-10R: RHYTHM, LOOP STATION

Looper	**Maximum Recording Time:** Approx. 6 hours (stereo) **Number of Tracks:** 2 **Data Format:** WAV (44.1 kHz, 32-bit float, stereo)
Rhythm	**Rhythm Type:** 280 types or greater **Rhythm Control:** Intro, PTN 1, PTN 1 Fill, PTN 2, PTN 2 Fill, Ending **Rhythm Kit:** 16 types **Maximum Polyphony:** 24 voices
Maximum Phrase Memory	99
Power Supply	AC Adaptor
Current Draw	250 mA
Dimensions	101 (W) x 138 (D) x 63 (H) mm 4 (W) x 5-7/16 (D) x 2-1/2 (H) inches (rubber foot not included), 101 (W) x 138 (D) x 65 (H) mm 4 (W) x 5-7/16 (D) x 2-9/16 (H) inches (rubber foot included)
Weight **(excluding AC adaptor)**	620 g 1 lbs 6 oz
Accessories	Owner's Manual Leaflet "USING THE UNIT SAFELY" AC Adaptor Rubber foot

Options	**Footswitch:** FS-5U **Dual footswitch:** FS-6, FS-7 **Expression pedal:** FV-500H, FV-500L, EV-30, Roland EV-5 **TRS/MIDI connecting cable:** BMIDI-5-35

* 0 dBu = 0.775 Vrms

* 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/IMPORTANT NOTES

⚠ 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. 5).

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.

⚠ 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.

• Included Parts
  Rubber feet (p. 21)

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

23

Placement

- Depending on the material and temperature of the surface on which you place the unit, its rubber feet may discolor or mar the surface.

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 only the specified expression pedal. By connecting any other expression pedals, you risk causing malfunction and/or damage to the unit.
- Do not use connection cables that contain a built-in resistor.

24

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.

- This product contains eParts integrated software platform of eSOL Co.,Ltd. eParts is a trademark of eSOL Co., Ltd. in Japan.

- This product includes third party open source software.
  Copyright (c) 2009-2017 ARM Limited. All rights reserved.
  Licensed under the Apache License, Version 2.0 (the "License");
  You may obtain a copy of the License at
  http://www.apache.org/licenses/LICENSE-2.0

  Copyright (c) 2016, Freescale Semiconductor, Inc.
  Copyright 2016-2017 NXP
  All rights reserved.
  Licensed under the BSD-3-Clause
  You may obtain a copy of the License at
  https://opensource.org/licenses/BSD-3-Clause

- Roland, BOSS are either registered trademarks or trademarks of Roland Corporation in the United States and/or other countries.

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

- Company names and product names appearing in this document are registered trademarks or trademarks of their respective owners.

- In this manual, company names and product names of the respective owners are used because it is the most practical way of describing the sounds that are emulated using DSP technology.