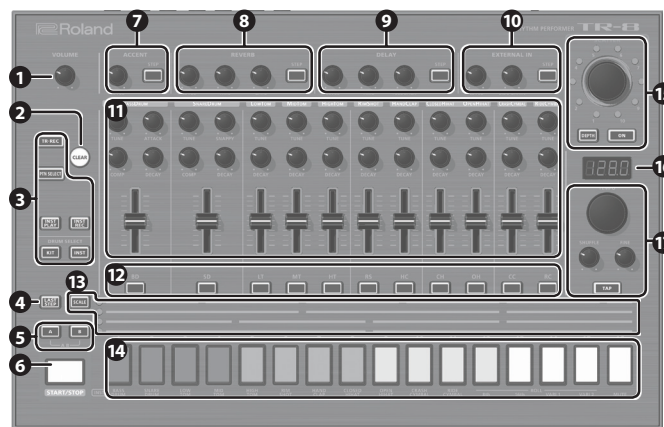


Panel Descriptions



- 1 [VOLUME] knob**
Adjusts the output volume of the MIX OUT jacks (E) and the PHONES jack (D).
* This does not affect the volume of the ASSIGNABLE OUT jacks (F).
- 2 [CLEAR] button**
Erases the recorded content for an individual instrument, or deletes a pattern.
- 3 Mode buttons**

Controller	Explanation
[TR-REC] button	Step-records a pattern. → Refer to "TR-REC"
[PTN SELECT] button	Select a pattern. → Refer to "Playing/Selecting/Controlling a Pattern"
[INST PLAY] button	Lets you use the pads (14) to perform in real time. You can perform even while a pattern is playing.
[INST REC] button	Lets you realtime-record a pattern. → Refer to "INST-REC"
DRUM SELECT [KIT] button	Select a kit. → Refer to "Changing Kits/Instruments"
[INST] button	Selects the sound (tone) for an instrument. → Refer to "Changing Kits/Instruments"

- 4 [LAST STEP] button**
Specifies the length of the pattern. → Refer to "TR-REC"
- 5 Variation buttons [A][B]**
Switches between variations (A/B) of a pattern. → Refer to "Playing/Selecting/Controlling a Pattern"
- 6 [START/STOP] button**
Plays/stops the pattern.
- 7 ACCENT section**
Adds an accent to the specified step. → Refer to "TR-REC"
- 8 REVERB section/ 9 DELAY section**
Let you edit the parameters for reverb and delay.

Controller	Explanation
[LEVEL] knob	Volume of the reverb/delay
[TIME] knob	Length of the reverb/delay
[GATE] knob	Timing at which the reverb is cut off (only for reverb)
[FEEDBACK] knob	Delay repetitions (only for delay)
[STEP] button	Lets you use the pads (14) to specify the step to which reverb or delay will be applied.

- 10 EXTERNAL IN section**
Here you can adjust the sound that's input to the EXTERNAL IN jacks (G).

Controller	Explanation
[LEVEL] knob	Volume
[SIDE CHAIN] knob	Adjusts ("ducks") the volume of the audio input according to the pattern being played by the TR-8 (side chain). Turning the knob toward the right produces a greater effect.
[STEP] button	Lets you use the pads (14) to specify the steps at which side chaining will adjust the volume.

- 11 INST edit section**
Here you can adjust the tonal character of the instrument.

What is an "INST"?
The TR-8 lets you use 11 different INST (instruments; BASS DRUM-RIDE CYMBAL) in a pattern. You can assign a desired sound (tone) to each instrument.

Controller	Explanation
[TUNE] knob	Tuning (pitch)
[DECAY] knob	Length of decay
[ATTACK] knob	Strength of the attack (only for BASS DRUM)
[SNAPPY] knob	Volume of the snare (stretched wires) (only for SNARE DRUM)
[COMP] knob	Amount of compressor effect (only for BASS DRUM and SNARE DRUM)
[LEVEL] fader	Volume

* For some tones, there might not be an effect.

12 INST select button

Mode	Explanation
TR-REC	Selects the instrument for TR-REC. → Refer to "TR-REC"
DRUM SELECT-INST	Selects the instrument whose tone will be changed. → Refer to "Changing Kits/Instruments"

Main Specifications Roland TR-8: RHYTHM PERFORMER

Power Supply	AC adaptor		
Current Draw	1000 mA		
Dimensions	400 (W) x 260 (D) x 65 (H) mm	15-3/4 (W) x 10-1/4 (D) x 2-9/16 (H) inches	
Weight	1.9 kg	4 lbs 4 oz	
Accessories	AC adaptor, Owner's manual, Leaflet "USING THE UNIT SAFELY"		

* In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

- 13 SCALE section**
Switches the scale of steps during TR-REC.

Button/LED	Explanation
[SCALE] button	Choose one of the following four to specify the note value of each step.
[SCALE] button	8th note triplet (♪♪♪) Three steps will be one beat.
[SCALE] button	16th note triplet (♪♪♪) Six steps will be one beat.
[SCALE] button	16th note (♪) Four steps will be one beat.
[SCALE] button	32nd note (♩) Eight steps will be one beat.

14 Pad [1]-[11](INST)/ Pad [12]-[15](ROLL)/ Pad [16](MUTE)

Mode	Explanation
TR-REC	For each step, specify whether the instrument will sound.
PTN SELECT	Select a pattern 1-16. • Pads [1]-[11](INST) play instruments. • If you hold down [12]-[15](ROLL) and press [1]-[11], a roll is played on that instrument; you can press two or more of the [12]-[15] pads to change the roll variation. If you hold down the [INST PLAY] button and press the [12]-[15] and [1]-[11] pads, the sound will be held so that it continues playing even after you release your finger. To cancel Hold, press the selected pad without pressing [INST PLAY]. • If you press [16](MUTE) and then press the instrument pad or INST select button, that sound is muted.
INST PLAY	During realtime recording, the pads record the corresponding instrument.
INST REC	During realtime recording, the pads record the corresponding instrument.
DRUM SELECT [KIT]	Select kits 1-16.
[INST]	Select a tone for the instrument.

- 15 SCATTER section**
What is Scatter?
"Scatter" adds a digital-feeling groove to the loop playback by exchanging individual steps within the loop playback and also by changing the playback direction or gate length.
* The scatter effect will not apply to the first cycle of the loop; the effect will apply to the second and subsequent cycles of the loop.

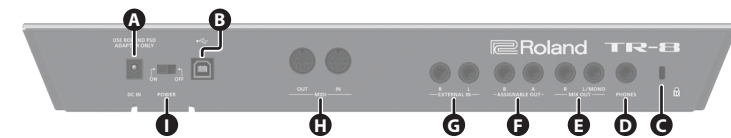
Controller	Explanation
[SCATTER] knob	Selects the scatter type.
[DEPTH] button	If this is on, the [SCATTER] knob adjusts the scatter depth.
[ON] button	Enables the scatter function.

- 16 Display/ 17 TEMPO section**
The current tempo is shown in the display (16).

Controller	Explanation
[TEMPO] knob	Adjusts the tempo.
[SHUFFLE] knob	Adjusts the amount of shuffle (bounce).
[FINE] knob	Makes fine adjustments to the tempo.
[TAP] button	To set the tempo, tap this button several times at the desired interval.

Connecting Your Equipment

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



- A DC IN jack**
Connect the included AC adaptor here. Use only the included AC adaptor. Using any other adaptor may cause overheating and malfunction.
* By embedding the AC adaptor cable into the groove on the bottom of the TR-8, you can prevent the plug from being accidentally disconnected.
- B USB (←) port**
Use a commercially available USB 2.0 cable 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 before connecting the TR-8 to your computer.** Download the USB driver from the Roland website. For details, refer to Readme.htm which is included in the download.
→ <http://www.roland.com/support/>
- C Security slot (🔒)**
→ <http://www.kensington.com/>
- D PHONES jack**
Connect headphones (sold separately) here. This outputs the same audio as the MIX OUT jacks (E).
- E MIX OUT (L/MONO, R) jacks**
Connect these jacks to your amp or monitor speakers. If your system is monaural, use only the L/MONO jack.
- F ASSIGNABLE OUT (A, B) jacks**
You can use these to output the instruments that you specify. → Refer to "Various Settings"
* The instruments that are output from these jacks will not be output from the MIX OUT jacks (E).
* Reverb and delay will not be applied.
- G EXTERNAL IN (L, R) jacks**
Connect an external audio source here. The input sound will be output from the MIX OUT jacks (E). You can apply scatter (15) to the input sound.
* When connection cables with resistors are used, the volume level of equipment connected to the EXTERNAL IN jacks may be low. If this happens, use connection cables that do not contain resistors.
- H MIDI (IN/OUT) jacks**
For connecting MIDI device.

I [POWER] switch
This turns the power on/off.
* After you've made connections correctly, be sure to **turn on the power in the order of the TR-8 first, and then the connected system.** Powering-on in the incorrect order may cause malfunctions or damage. When turning the power off, **power-off the connected system first, and then the TR-8.**
* This unit is equipped with a protection circuit. A brief interval (a few seconds) after turning the unit on is required before it will operate normally.
* 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.

Turning the Power On/Off

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* This unit is equipped with a protection circuit. A brief interval (a few seconds) after turning the unit on is required before it will operate normally.
* 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.

6 [POWER] switch
This turns the power on/off.
* After you've made connections correctly, be sure to **turn on the power in the order of the TR-8 first, and then the connected system.** Powering-on in the incorrect order may cause malfunctions or damage. When turning the power off, **power-off the connected system first, and then the TR-8.**
* This unit is equipped with a protection circuit. A brief interval (a few seconds) after turning the unit on is required before it will operate normally.
* 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.

7 [POWER] switch
This turns the power on/off.
* After you've made connections correctly, be sure to **turn on the power in the order of the TR-8 first, and then the connected system.** Powering-on in the incorrect order may cause malfunctions or damage. When turning the power off, **power-off the connected system first, and then the TR-8.**
* This unit is equipped with a protection circuit. A brief interval (a few seconds) after turning the unit on is required before it will operate normally.
* 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.

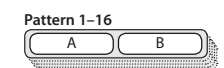
8 [POWER] switch
This turns the power on/off.
* After you've made connections correctly, be sure to **turn on the power in the order of the TR-8 first, and then the connected system.** Powering-on in the incorrect order may cause malfunctions or damage. When turning the power off, **power-off the connected system first, and then the TR-8.**
* This unit is equipped with a protection circuit. A brief interval (a few seconds) after turning the unit on is required before it will operate normally.
* 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.

9 [POWER] switch
This turns the power on/off.
* After you've made connections correctly, be sure to **turn on the power in the order of the TR-8 first, and then the connected system.** Powering-on in the incorrect order may cause malfunctions or damage. When turning the power off, **power-off the connected system first, and then the TR-8.**
* This unit is equipped with a protection circuit. A brief interval (a few seconds) after turning the unit on is required before it will operate normally.
* 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.

10 [POWER] switch
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* This unit is equipped with a protection circuit. A brief interval (a few seconds) after turning the unit on is required before it will operate normally.
* 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.

Playing/Selecting/Controlling a Pattern

- What is a "PATTERN"?**
The performance data that you record using TR-REC or INST-REC is called a "pattern."
The TR-8 has 16 patterns, with two variations (A/B) for each pattern.



- Playing a pattern**

 - Press the [START/STOP] button (6).
 - Use scatter (15) or INST edit (11) to modify the sound.

- Selecting a pattern**

 - Press the [PTN SELECT] button (9).
 - Use the pads (14) to select a pattern.
The selected pad blinks. It remains lit during playback. If you select the next pattern during playback, the pad blinks. You can have a range selection by pushing two pads simultaneously. The selected patterns play sequentially.
 - Use the variation buttons (5) to select A or B.
If you make both buttons [A] and [B] light, A and then B are played successively.

- Generating a random pattern**
You can automatically generate a random pattern. This modifies the selected pattern.

 - Hold down the [PTN SELECT] button (9) and press the SCATTER [ON] button (15).
 - To save, press the [TR-REC] button (blinks).

- Copying a pattern**

 - Press the [PTN SELECT] button (9).
* If a pattern is playing, stop it.
 - Hold down the [PTN SELECT] button (9) and use the pads (14) to specify the pattern that you want to copy.
 - Press the pad to which you want to paste the pattern.

- Copying a pattern for an individual instrument**

 - Switch patterns by pressing the pad for the pattern that you want to copy.
 - Hold down the [PTN SELECT] button (9) and press the INST select button(s) (12) of the instrument(s) that you want to copy. (Multiple selections are allowed.)
 - When you've specified the instrument(s), press the [PTN SELECT] button (9).
 - Press the pad (14) to which you want to paste the pattern.

- Deleting a pattern**

 - Press the [PTN SELECT] button (9).
 - Hold down the [CLEAR] button (2) and use the pads (14) to specify the pattern that you want to delete.

Changing Kits/Instruments

- What is a "KIT"?**
The 11 instruments are collectively called a "kit." The TR-8 has 16 kits. The pattern plays the instruments of the currently selected kit.

- Changing kits**

 - Press the DRUM SELECT [KIT] button (3).
 - Press a lit pad (14) to select a kit.
The selected pad blinks.

- Changing an instrument's sound (tone)**
This modifies the kit that is selected.

 - Press the DRUM SELECT [KIT] button (3).
 - Use the INST select buttons (12) to select the instrument whose tone you want to change.
 - Press a lit pad (14) to select its tone.
The selected pad blinks.

- Changing an instrument's pan**

 - Hold down the INST select button (12) and turn the [TEMPO] knob. (L64-0-R63)

- Changing the type of reverb/delay/side chain**

 - Press the [STEP] button (8 9 10) and use the pads (14) to change the type of delay, reverb, or side chain.

- Turning each instrument's reverb/delay on/off**

 - Press the DRUM SELECT [KIT] button (3).
 - Hold down the [STEP] button (8 9) and use the INST select buttons (12) to turn the setting on/off.

INST-REC (Realtime Recording)

- In this method of recording, you create a pattern by recording your performance on the pads (14) in real time. This will modify the pattern that is selected.
- Press the [INST REC] button (3).
 - Press the [START/STOP] button (6) to start recording.
 - Perform on the pads (14).
* Operations in the INST edit section (11) are not recorded.

Deleting a recorded instrument from the pattern

Function	Operation
Deleting a specific region	During playback, hold down the [CLEAR] button (2); the instrument that's selected by the INST select buttons (12) is deleted from the region of the pattern that plays while you hold down the [CLEAR] button.
Deleting all notes	Hold down the INST select button (12) of the instrument that you want to delete, and press the [CLEAR] (2) button.

TR-REC (Step Recording)

- In this method of recording, you create a pattern by specifying the steps at which each instrument will sound. This will modify the pattern that is selected. You can even play back the pattern while you're creating it.
- Press the [TR-REC] button (3).
 - Use the variation buttons to select either A or B.
* If A and B are playing consecutively, you can hold down [B] and press [A] to select A, or hold down [A] and press [B] to select B.
 - Use the [SCALE] button (13) to specify the scale.
 - Press one of the INST select buttons (12) to select the instrument that you want to record.
 - Use the pads (14) to specify the steps at which you want the selected instrument to sound.
 - Repeat steps 3-4.

- Specifying the length of the pattern (LAST STEP)**
Here's how to specify the number of steps that the pattern will contain.

 - Hold down the [LAST STEP] button (4) and press a pad (14) to specify the last step.
* You can't specify LAST STEP if multiple patterns are selected.

- Specifying accents**

 - Press the [STEP] button (7).
 - Press the pads (14) for each step at which you want to add an accent.
 - Use the [LEVEL] knob (7) to adjust the volume of the accent.

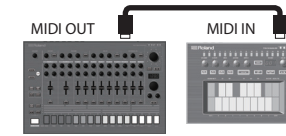
- Applying reverb or delay**

 - Press the [STEP] button (8 9).
 - Use the pads (14) to specify the steps at which you want to apply reverb or delay.
 - Use the knobs such as [LEVEL] and [TIME] (8 9) to adjust the parameters.

- Deleting a recorded instrument from the pattern**
→ Refer to "INST-REC"

Synchronizing/Recording with Other Devices

- The TR-8 can receive MIDI Clock (F8) data to synchronize its tempo. It can also receive MIDI Start (FA) and MIDI Stop (FC) to start/stop itself.
- Synchronizing with a TB-3**
You can synchronize the TR-8 with a TB-3 by using a commercially available MIDI cable to make connections.



- Synchronizing/recording with your computer DAW via USB**
If you use a commercially available USB 2.0 cable to connect the TR-8 to your computer, you can synchronize the TR-8 with your DAW via USB MIDI, or record individual instruments of the TR-8 onto tracks of your DAW via USB audio.

Various Settings

- Restoring the Factory Settings (Factory Reset)**
Here's how to return the TR-8 to its factory-set state.

 - While holding down the [CLEAR] button, turn on the power.
The display indicates "r-5t" and the [START/STOP] button blinks. If you decide to cancel the factory reset, turn off the power.
 - Press the [START/STOP] button to execute the factory reset.
 - When the display indicates "r-0p", turn the TR-8's power off, then on again.

- System Settings**

 - While holding down the [PTN SELECT] button, turn on the power.
The [START/STOP] button blinks. If you decide not to make settings, turn off the power.
 - Use the [TEMPO] knob and the pads to change the settings.

Parameter	Controller	Explanation
MIDI channel	[TEMPO] knob	OFF, C 1-C 16 The display indicates the channel. (default: C 10) MIDI messages of all channels are received. The MIDI transmit channel will be 10.
MIDI clock source	[1]	Lit (AUTO) If MIDI clock is being input to the MIDI IN connector or the USB port, the TR-8's tempo will automatically synchronize to MIDI clock (default). * If MIDI clock is being simultaneously input from the MIDI IN connector and from the USB port, the USB port takes priority. Unlit (INTERNAL) The TR-8 operates at the tempo specified on the unit itself. Choose the "INTERNAL" setting if you don't want to synchronize to an external device.
MIDI through	[2]	Lit (ON) Unlit (OFF) Specifies whether data received from the MIDI IN connector will be retransmitted from the MIDI OUT connector (ON: default) or will not be retransmitted (OFF).
BOOST mode	[3]	Lit (ON) Unlit (OFF) Boosts the output level of the MIX OUT jacks.
EXTERNAL IN select	[4]	Lit (STEREO) Unlit (MONO) Specifies whether the audio input from the EXTERNAL IN jacks will be stereo (default setting) or mono x 2.
ASSIGNABLE OUT A	Hold down variation [A]	If the INST select button or the EXTERNAL IN section's [STEP] button is lit, that instrument is output to ASSIGNABLE OUT A.
ASSIGNABLE OUT B	Hold down variation [B]	If the INST select button or the EXTERNAL IN section's [STEP] button is lit, that instrument is output to ASSIGNABLE OUT B.
Screen-saver	Hold down [TAP] and turn the [TEMPO] knob	Specifies the time until the screen saver is shown. If this is OFF, the screen saver is not shown. (default: 5 min)
PROGRAMMING MODE	[TR-REC]	Lit (PAD) Unlit (INST) Each time you press the pad, the setting is switched in the order of Strong -> Weak -> Off. By holding down the INST select button and pressing a pad, you can enter a weak note (default value).
EFFECT MODE	[KIT]	Lit (KIT) Unlit (SYSTEM) The effect type is saved in the kit. All kits use the same effect type (default value).

- Press the [START/STOP] button to save the settings.
The settings are saved, and the TR-8 restarts.