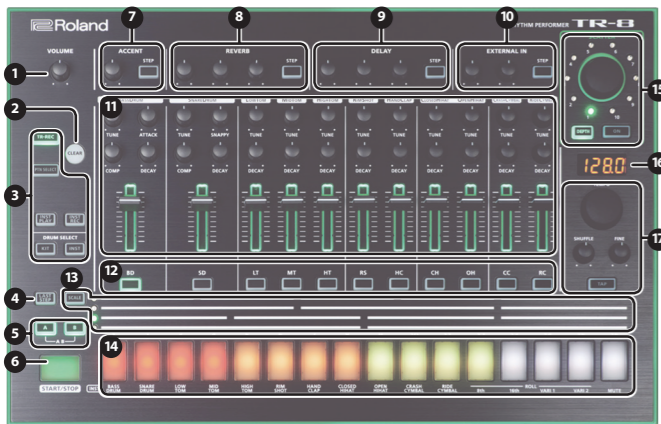


Panel Descriptions



MEMO

In this operation guide, functions added by installing the TR-8 update (ver. 1.10, ver. 1.11) and 7X7-TR8 Drum Machine Expansion are printed in red.

1 [VOLUME] knob
Adjusts the output volume of the MIX OUT jacks and the PHONES jack.
* This does not affect the volume of the ASSIGNABLE OUT jacks.

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 (Step Recording)"
[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 (Realtime Recording)"
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 (Step Recording)"

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.
* While a pattern is playing, you can hold down the [TAP] button and press the [START/STOP] button to move to the beginning of the pattern.

7 ACCENT section
Adds an accent to the specified step. → Refer to "TR-REC (Step Recording)"

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.

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.

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

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.
	8th note triplet (♩♩♩) Three steps will be one beat.
	16th note triplet (♩♩♩) Six steps will be one beat.
	16th note (♩) Four steps will be one beat.
	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.
INST PLAY	<ul style="list-style-type: none"> 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 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

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

* 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.
* By holding down the [DEPTH] button and pressing the [ON] button, you can apply scatter to just the cycle that is currently playing.

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.

Playing/Selecting/Controlling a Pattern

Playing a pattern

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

Selecting a pattern

1. Press the [PTN SELECT] button (3).
2. 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.
3. 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.

1. Hold down the [PTN SELECT] button (3) and press the SCATTER [ON] button (15).
2. To save, press the [TR-REC] button (blinks).

Copying a pattern

1. Press the [PTN SELECT] button (3).
- * If a pattern is playing, stop it.
2. Hold down the [PTN SELECT] button (3) and use the pads (14) to specify the pattern that you want to copy.
3. Press the pad to which you want to paste the pattern.

Copying a pattern for an individual instrument

1. Switch patterns by pressing the pad for the pattern that you want to copy.
2. Hold down the [PTN SELECT] button (3) and press the INST select button(s) (12) of the instrument(s) that you want to copy. (Multiple selections are allowed.)
3. When you've specified the instrument(s), press the [PTN SELECT] button (3).
4. Press the pad (14) to which you want to paste the pattern.

Deleting a pattern

1. Press the [PTN SELECT] button (3).
2. Hold down the [CLEAR] button (2) and use the pads (14) to specify the pattern that you want to delete.

Locking (not editable) a pattern

1. Hold down the [PTN SELECT] button (3) and turn the [TEMPO] knob (17).
- The display indicates "OFF" (editable) or "LOCK" (not editable).

Restoring the Factory Settings (Factory Reset)

Here's how to return the TR-8 to its factory-set state.

1. While holding down the [CLEAR] button, turn on the power. The display indicates "rSt" and the [START/STOP] button blinks. If you decide to cancel the factory reset, turn off the power.
2. Press the [START/STOP] button to execute the factory reset.
3. When the display indicates "rSt", turn the TR-8's power off, then on again.

Changing Kits/Instruments

Added instruments

TR-707/727 sounds (tones) and original sounds based on the TR-808 HC circuit have been added. The color that's displayed when you change an instrument's sound (tone) is pink for TR-808, yellow for TR-909, orange for TR-707, and blue for TR-727.

INST	1	2	3	4	5	6	7	8
BD	808 BD	909 BD	808 BD Long Decay	707 BD/1/2	727 H/L Bongo	909 AttackBD	---	---
SD	808 SD	909 SD	707 SD1/2	727 Mute/Open H Conga	909 AttackSD	---	---	---
LT	808 LT	909 LT	808 L Conga	707 LT	727 L Conga	707 BD1	707 BD2	808 NoiseTom L
MT	808 MT	909 MT	808 M Conga	707 MT	727 H Timbale	727 L Bongo	727 Open H Conga	808 NoiseTom M
HT	808 HT	909 HT	808 H Conga	707 HT	727 L Timbale	727 H Bongo	727 Mute H Conga	808 NoiseTom H
RS	808 RS	909 RS	808 Claves	707 RS/Cowbell	727 H/L Agogo	---	---	---
HC	808 HC	909 HC	808 Maracas	707 HC/Tambourine	727 Cabasa/Maracas	808 FingerSnap	808 NoiseClap	---
CH	808 CH	909 CH	707 CH	727 ShortWhistle	---	---	---	---
OH	808 OH	909 OH	707 OH	727 LongWhistle	---	---	---	---
CC	808 CC	909 CC	707 CC	727 Quijada	727 ShortWhistle	---	---	---
RC	808 Cowbell	909 RC	707 RC	727 StarChime	727 LongWhistle	808 FingerSnap	808 NoiseClap	707 Tambourine

Changing kits

1. Press the DRUM SELECT [KIT] button (3).
2. 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.

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

Changing an instrument's pan

1. Press the DRUM SELECT [INST] button (3).
2. Hold down the INST select button (12) and turn the [TEMPO] knob (L64-0-R63).

Changing the type of reverb/delay/side chain

1. Press the DRUM SELECT [INST] button (3).
2. 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

1. Press the DRUM SELECT [KIT] button (3).
2. Hold down the [STEP] button (8 9 10) 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.

1. Press the [INST REC] button (3).
 2. Press the [START/STOP] button (6 9) to start recording.
 3. Perform on the pads (14).
- * Operations in the INST edit section (11) are not recorded.

Adding accents to the performance

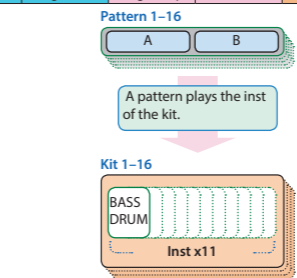
1. Hold down the ACCENT [STEP] button (7) and use the pads (14) to specify the steps.

Playing alternate sounds or weak beats

The following sounds allow you to play alternate sounds. For the other sounds, you can specify weak beats.

707 BD1/2,	707 SD1/2,
707 RS/Cowbell,	707 HC/Tambourine,
727 H/L Bongo,	727 Mute/Open H Conga,
727 H/L Agogo,	727 Cabasa/Maracas

1. Hold down the REVERB [STEP] button (8) and play a pad (14).



Changing an instrument's gain

1. Press the DRUM SELECT [KIT] button (3).
2. Hold down the INST select button (12) of the instrument that you want to adjust, and turn the [TEMPO] knob (17).

Copying a kit

1. Press the DRUM SELECT [KIT] button (3).
 2. Press a pad (14) to select the kit that you want to change.
 3. While holding down the [KIT] button (3), turn the [TEMPO] knob (17) to select the copy-source kit.
 4. Press the blinking pad (14) to execute the copy.
- * Before executing the copy operation, you can exit without copying by selecting "—" as the copy-source or by pressing a different pad that is lit.

Alternate sounds

Although one sound is assigned to each pad, specific sounds (tones) such as the 707 BD and 707 SD have a second sound (alternate sound) assigned as well. The normal sound and alternate sound are played alternately.

Playing a flam

1. Hold down the DELAY [STEP] button (9) and play a pad (14).

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.

1. Press the [TR-REC] button (3).
2. Use the variation buttons to select either A or B.
- * If A and B are playing consecutively, you can hold down [A] and press [B] to select A, or hold down [B] and press [A] to select B.
- * By holding down the [TR-REC] button and pressing [A] or [B], you can edit the pattern of the specified variation regardless of the pattern that's currently playing.
3. Use the [SCALE] button (13) to specify the scale.
4. Press one of the INST select buttons (12) to select the instrument that you want to record.
5. Use the pads (14) to specify the steps at which you want the selected instrument to sound.
6. 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.

1. 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

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

Applying reverb or delay

1. Press the [STEP] button (8 9).
2. Use the pads (14) to specify the steps at which you want to apply reverb or delay.
3. 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 (Realtime Recording)"

Playing alternate sounds or weak beats

The following sounds allow you to play alternate sounds. For the other sounds, you can specify weak beats.

707 BD1/2,	707 SD1/2,
707 RS/Cowbell,	707 HC/Tambourine,
727 H/L Bongo,	727 Mute/Open H Conga,
727 H/L Agogo,	727 Cabasa/Maracas

1. Hold down one of the INST select buttons (12) and press the appropriate pad (14). The pad lights dimly.

Specifying weak accents

1. Press the ACCENT [STEP] button (7).
 2. For each step at which you want to specify a weak accent, hold down the ACCENT [STEP] button (7) and press the appropriate pad.
 3. Use the ACCENT [LEVEL] knob (7) to specify the volume of the weak accent.
- * You can specify either an accent or a weak accent, not both.
* The volume of the accent and the volume of the weak accent change in tandem.

Specifying a flam

1. Hold down the [TR-REC] button (3) and press a pad to specify a flam. The pad is lit purple.

Specifying the flam spacing

You can choose the flam spacing in a range of eight steps.

1. Hold down the [TR-REC] button (3) and use the [TEMPO] knob (17) to specify the flam spacing.

* If you specify "0", there will be no flam effect.

System Settings

1. 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.
2. Use the [TEMPO] knob and the pads to change the settings.

Parameter	Controller	Explanation
MIDI channel	[TEMPO] knob	OFF, C 1-C 16 Specifies the MIDI transmit/receive channel. The display indicates the channel (default: C 10).
		OFFn (OMNI) 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 and the ASSIGNABLE OUT jacks (default: ON).
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.
SCATTER [ON] button	[5]	Lit (ON) Unlit (OFF) Enabled only while you hold down the button. Alternates between enabled/disabled each time you press the button (default setting).
MIDI realtime message reception	[6]	Lit (ON) Unlit (OFF) Only MIDI clock is received.
SCALE operations	[SCALE]	Lit (ON) Unlit (OFF) Hold down the [SCALE] button and use the [TEMPO] knob to select the scale. The scale switches each time you press the [SCALE] button (default setting).
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).

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