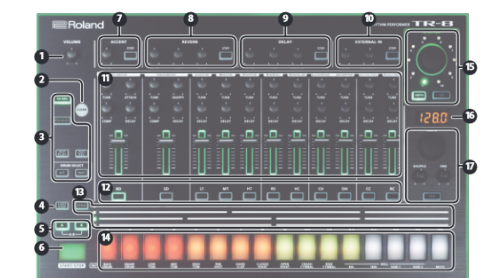


Panel Descriptions



MEMO
In this operation guide, functions added by installing the TR-8 update (ver. 1.10-1.20) 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 (1-16) 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] button	Select a kit. ➔ Refer to "Changing Kits/Instruments"
[KIT] button	Selects the sound (tone) for an instrument.
[INST] button	➔ 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 (1-16) 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 (1-16) 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)
[SNAPPT] 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 (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. * 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].
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	Select kits 1-16. KIT INST Select a tone for the instrument.

- 15 SCATTER section**

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.

 - * 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 [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**
 - Press the [START/STOP] button (6).
 - Use select (13) or INST edit (11) to modify the sound.
- Copying a pattern for an individual instrument**
 - Switch patterns by pressing the pad for the pattern that you want to copy.
* If a pattern is playing, stop it.
 - 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.)
 - When you've specified the instrument(s), press the [PTN SELECT] button (3).
 - Press the pad (16) to which you want to paste the pattern.
- Selecting a pattern**
 - Press the [PTN SELECT] button (3).
 - Use the pads (16) 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 (3) and press the [SCATTER] button (15).
 - To save, press the [TR-REC] button (blinks).

- Locking (not editable) a pattern**
 - Hold down the [PTN SELECT] button (3) and turn the [TEMPO] knob (17).
 - The display indicates "OFF" (editable) or "Loc" (not editable).

- Copying a pattern**
 - Press the [PTN SELECT] button (3).
 - * If a pattern is playing, stop it.
 - Hold down the [PTN SELECT] button (3) and use the pads (16) to specify the pattern that you want to copy.
 - Press the pad to which you want to paste the pattern.

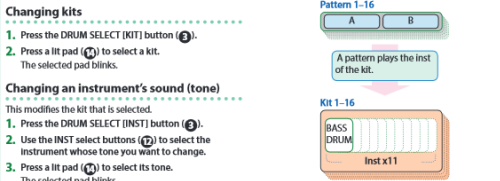
Restoring the Factory Settings (Factory Reset)

- 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-5L" 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 "CTP", 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 kit 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, blue for TR-727, and white for TR-606.

INST	1	2	3	4	5	6	7	8	9
BD	808 BD	909 BD	808 BD Long Decay	707 BD1/2	727 HA Bongo	909 Attack8D	606 BD		
SD	808 SD	909 SD	707 SD1/2	727 Mute/ Open H Conga	909 AttackSD	606 SD			
LT	808 LT	909 LT	808 L Conga	707 LT	727 L Conga	707 BD1			
MT	808 MT	909 MT	808 M Conga	707 MT	727 H Tambale	727 L Bongo	727 Open H Conga	808 NoiseTom M	606 LT
HT	808 HT	909 HT	808 H Conga	707 HT	727 L Tambale	727 M Bongo	727 Mute H Conga	808 NoiseTom H	606 HT
RS	808 RS	909 RS	808 Claves	707 RS/ Cowbell	727 HA Agogo				
HC	808 HC	909 HC	808 Maracas	707 HC/ Tambourine	727 Cabasa/ Maracas	808 FingerSnap	808 NoiseCap		
CH	808 CH	909 CH	707 CH	727 ShortWhistle	606 CH				
OH	808 OH	909 OH	707 OH	727 LongWhistle	606 OH				
CC	808 CC	909 CC	707 CC	727 Oujada	606 CY				
RC	808 Cowbell	909 RC	707 RC	727 StarChime	727 LongWhistle	808 FingerSnap	808 NoiseCap	707 Tambourine	



- Changing an instrument's gain**
 - Press the DRUM SELECT [KIT] button (3).
 - Hold down the INST select button (12) of the instrument that you want to adjust, and turn the [TEMPO] knob (16).

- Copying a kit**
 - Press the DRUM SELECT [KIT] button (3).
 - Press a pad (16) to select the kit that you want to change.
 - While holding down the [KIT] button (3), turn the [TEMPO] knob (17) to select the copy-source kit. (As the copy-source, you can also select an original kit (606/707/727/808/909).
 - Press the blinking pad (16) to execute the copy. Before executing the copy operation, you can edit without copying by selecting "r" as the copy-source or by pressing a different pad that is lit.

- Turning each instrument's reverb/delay on/off**
 - Press the DRUM SELECT [KIT] button (3).
 - Hold down the [STEP] button (4) and use the INST select button(s) (12) to turn the setting on/off.

- 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.

INST-REC (Realtime Recording)

- In this method of recording, you create a pattern by recording your performance on the pads (16) in real time. This will modify the pattern that is selected.
 - Press the [INST REC] button (1).
 - Press the [START/STOP] button (6) to start recording.
 - Perform on the pads (16).
 - * Operations in the INST edit section (11) are not recorded.

- Adding accents to the performance**
 - Hold down the ACCENT [STEP] button (7) and use the pads (16) to specify the steps.

- Playing alternate sounds or weak beats**
The following sounds allow you to play alternate sounds. For other sounds, you can specify weak beats.

Function	Operation
Deleting a specific region	During playback, hold down the [CLEAR] button (2); the instrument that's selected by the INST select button (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.

- Deleting a recorded instrument from the pattern**
 - Hold down the REVERB [STEP] button (10) and play a pad (16).

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 the pattern while you're creating it.

- Press the [TR-REC] button (1).
- 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.
- Use the [SCALE] button (13) to specify the scale.
- Press one of the INST select button(s) (12) to select the instrument that you want to record.
- Use the pads (16) 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 (16) to specify the last step.
 - * You can't specify LAST STEP if multiple patterns are selected.

- Specifying accents**
 - Press the [STEP] button (4).
 - Press the pads (16) for each step at which you want to add an accent.
 - Use the [LEVEL] knob (15) to adjust the volume of the accent.

- Applying reverb or delay**
 - Press the [STEP] button (4).
 - Use the pads (16) to specify the steps at which you want to apply reverb or delay.
 - Use the knobs such as [LEVEL] and [TIME] (16) to adjust the parameters.

- Deleting a recorded instrument from the pattern**
➔ Refer to "INST-REC (Realtime Recording)"
- Specifying the flame spacing**
You can choose the flame spacing in a range of eight steps.
 - Hold down the [TR-REC] button (1) and use the [TEMPO] knob (16) to specify the flame spacing.
 - * If you specify "0", there will be no flame effect.

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

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	Specifies the MIDI transmit/receive channel. The display indicates the channel (default: [C 1]). MIDI messages of all channels are received. The MIDI transmit channel will be 10.
MIDI clock source	[1] Unit (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.
	Unit (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] Unit (ON)	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).
	Unit (OFF)	
BOOST mode	[3] Unit (ON)	Boosts the output level of the MIX OUT jacks and the ASSIGNABLE OUT jacks (default: ON).
	Unit (OFF)	
EXTERNAL IN select	[4] Unit (STEREO)	Specifies whether the audio input from the EXTERNAL IN jacks will be stereo (default setting) or mono x 2.
	Unit (MONO)	
SCATTER [ON] button	[5] Unit (ON)	Enabled only while you hold down the button.
	Unit (OFF)	Alternates between enabled/disabled each time you press the button (default setting).
MIDI realtime message reception	[6] Unit (ON)	Only MIDI clock is received.
	Unit (OFF)	MIDI clock and START/STOP are received (default setting).
Pattern sequencer's operating mode	[7] Unit (ON)	The pattern sequencer operates with precise timing.
	Unit (OFF)	The pattern sequencer operates with timing that models the TR-808 (Default).
HIHAT link	[8] Unit (ON)	Use the CH [TUNE] knob to simultaneously adjust the tuning of CH and OH. The CH [LEVEL] fader simultaneously adjusts the volume of CH and OH. The OH [TUNE] knob adjusts the master tuning of cymbal-type sounds (TR-606/TR-808 sounds only).
	Unit (OFF)	The CVPH tuning and volume are adjusted by each controller (default setting).
SCALE operations	[SCALE] Unit (ON)	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).
	Unit (OFF)	
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).
		Each time you press the pad, the setting is switched in the order of Strong -> Weak -> Off.
PROGRAMMING mode	[TR-REC] Unit (PAD)	Each time you press the pad, the setting is switched in the order of Strong -> Weak -> Off.
	Unit (INST)	By holding down the INST select button and pressing a pad, you can enter a weak note (default value).
	Unit (KIT)	The effect type is saved in the kit.
	Unit (SYSTEM)	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.