

Introduction

The TR-09 is a sound module that uses cutting-edge modeling technology to faithfully model the Roland TR-909 which went on sale in 1983. In addition to its compact size, it allows battery-powered operation and contains a small speaker. You'll be able to enjoy full-fledged TR-909 sound anywhere.

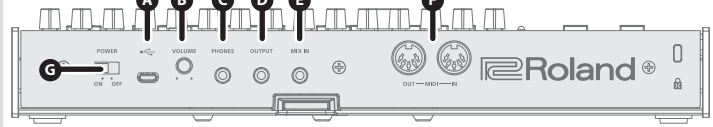
Using the TR-09 in conjunction with the DK-01 Boutique Dock (accessory) For installation/removal/angle adjustment, refer to the DK-01's Owner's Manual.

Playing the TR-09 via MIDI or USB

You can also play the TR-09 via MIDI or USB. For details, refer to "Connecting Your Equipment."

Connecting Your Equipment

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



Micro USB (-C) port Use a commercially available USB 2.0 cable (A-microB) to connect this port to your computer.

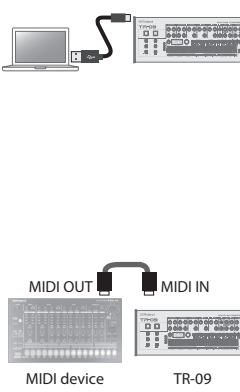
Volume knob Adjusts the volume.

Phones jack Connect headphones (sold separately) here.

Output jack Connect this jack to your amp or monitor speakers.

Mix in jack This is the audio input jack. Sound from the connected device is output from the OUTPUT jack and PHONES jack.

MIDI connectors You can synchronize the TR-09 with other MIDI device by using a commercially available MIDI cable to make connections.

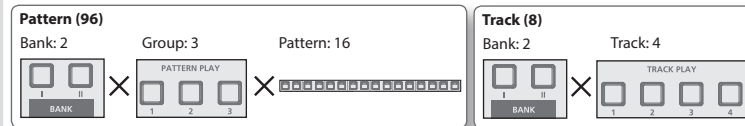


Turning the Power On

Power switch Turns the power on/off. After you've made connections correctly, be sure to turn on the power in the order of the TR-09 first, and then the connected system.

Overview

The TR-09 has 96 "patterns" and eight "tracks" in which these patterns can be arranged.



Switching the mode

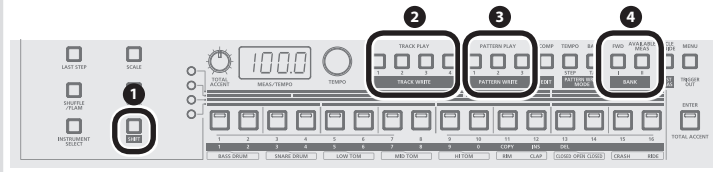


Table with 2 columns: Mode and Operation. Rows include Pattern Play, Pattern Write (Record), Track Play, Track write (edit), and Switching the bank.

Playing/Editing a Track

You can arrange patterns to create a track for an entire song.

Track Playback

Selecting a track

- 1. Hold down the [SHIFT] button and press the BANK [I] or [II] button to select the bank.
2. Use the TRACK PLAY [1]-[4] buttons to select a track.

Starting from mid-way (recalling a measure number)

- 1. Hold down the [SHIFT] button and press the following buttons in the order given.
2. To stop, press the [STOP/CONT] button.

Track mode functions

Table with 2 columns: Controller and Explanation. Rows include [TEMPO] button, [BACK] button, [FWD] button, [AVAILABLE MEAS] button, [CYCLE/GUIDE] button, [SHIFT] + [CYCLE/GUIDE], and [LAST MEAS] button.

Track Write

Before you continue, use the [SHIFT] + BANK [I] or [II] buttons to select a bank.

- Selecting TRACK WRITE mode
1. Hold down the [SHIFT] button and press the TRACK PLAY [1]-[4] buttons to select a track.
Deleting a track
1. Hold down the [SHIFT] button and press the following buttons in the order given.

Executing track write

- 1. Press the [START] button.
2. Use the PATTERN PLAY [1]-[3] buttons and the main keys [1]-[16] to select the pattern that you want to enter at the first measure.

Making Corrections

- If you made an entry by mistake, correct it as follows.
1. Hold down the [SHIFT] button and press the TRACK PLAY [1]-[4] buttons to select a track.
2. Press the [START] button.
3. Use one of the following methods to move to the measure that you want to correct.

Playing Sounds

Using the Main Keys [1]-[16] to Play Manually

In track play mode, you can use the main keys [1]-[16] to perform in real time.

Diagram of the main keys [1]-[16] and their corresponding sound assignments: BASS DRUM, SNARE DRUM, LOW TOM, MID TOM, HI TOM, RIM SHOT, HAND CLAP, HI-HAT, CRASH CYMBAL, RIDE CYMBAL.

Using the Knobs to Adjust the Sound

Diagram of the TR-09 knobs and their functions: [LEVEL] knob (Volume), [TUNE] knob (Pitch), [ATTACK] knob (Attack strength), [DECAY] knob (Decay length), [TONE] knob (Decay length), [SNAPPY] knob (Volume of snare rattle).

Editing the sound

- Here's how to edit parameters that don't have a knob.
1. Hold down the [SHIFT] button and press the [EDIT] button.
2. Use the [TEMPO] dial to select the parameter.
Parameter Explanation table: GR IN | GAIN, LUTE | TUNE, DECAY | DECAY length.

Editing the Compressor Level

- You can apply a compressor to the BASS DRUM and SNARE DRUM.
1. Press the [COMP] button.
2. Press a main key to select BASS DRUM (1-2) or SNARE DRUM (3-4).
3. Use the [TEMPO] dial to set the compressor level.

Playing/Recording a Pattern

Pattern Playback

- Selecting PATTERN PLAY mode
1. Press one of the PATTERN PLAY [1]-[3] buttons.
Playing a pattern
1. Press the [START] button to play a pattern.
2. To stop, press the [STOP/CONT] button.

Selecting a pattern

- 1. Hold down the [SHIFT] button and press the BANK [I] or [II] button to select the bank.
2. Use the PATTERN PLAY [1]-[3] buttons to select a pattern group.
3. Use the main keys [1]-[16] to select a pattern.

Setting the tempo

Turn the [TEMPO] dial to change the tempo (40.00-300.00). To make a change below the decimal point, hold down the [SHIFT] button and turn the [TEMPO] dial.

Pattern Write

- On the TR-09, the action of recording/editing a one-measure pattern is called "pattern write."
Step Write (Step Recording)
Tap Write (Realtime Recording)

Step Write (Step Recording)

- 1. Before you continue, use the [SHIFT] + BANK [I] or [II] buttons to select a bank.
2. Use the PATTERN PLAY [1]-[3] buttons to select a pattern group.

Selecting STEP WRITE (Step Recording) mode

- 1. Hold down the [SHIFT] button and press one of the PATTERN PLAY [1]-[3] buttons.
2. Press the [STEP] button.

Clearing a pattern

- 1. Hold down the [CLEAR] button and press one of the main keys [1]-[16] to select the pattern that you want to clear.

Executing step write

- 1. Press the [START] button.
2. Hold down the [INSTRUMENT SELECT] button and press one of the main keys [1]-[16] to select the sound that you want to record.
3. Use the main keys [1]-[16] to specify the steps at which you want the sound to be heard.

Entering backbeats (32 steps)

- 1. By holding down the [ENTER] button and pressing a main key [1]-[16], you can enter a note that is skewed 1/2 step later. This lets you enter up to 32 steps in one pattern.

Setting the scale

- 1. Press the [SCALE] button to set the scale.
LED Explanation table: 16th note triplet, 8th note triplet, 32nd note, 16th note.

Convenient Functions

Delete

- You can delete patterns from the track in units of measures.
1. Use one of the following methods to move to the measure at which you want to delete.
2. Hold down the [SHIFT] button and press the following buttons in the order given.

Insert

- You can insert patterns into the track.
1. Move to the measure that you want to insert.
2. Use the procedure described in "Selecting a pattern" to select the pattern that you want to insert.

Copy

- You can copy and paste the contents of a track in units of measures.
1. Move to the paste-destination measure.
2. Select the copy-source pattern.

Tempo Memory

You can specify a tempo for each track.

Specifying the tempo

- 1. Hold down the [TEMPO] button and press the [ENTER] button.
2. Press the [ENTER] button to execute the factory reset.

Recalling the tempo

- 1. Hold down the [TEMPO] button and press one of the TRACK PLAY [1]-[4] buttons to select the track.

Trigger Out

The TRIGGER OUT jack outputs a trigger pulse. You can use a mini-plug (mono) cable to connect this jack to an external device and control that device from the TR-09.

Image of the TR-09 with the TRIGGER OUT jack highlighted. Includes a diagram of the TRIGGER OUT signal flow.

Using step write to specify trigger out

- 1. Hold down the [INSTRUMENT SELECT] button and press the [TRIGGER OUT] (MENU) button.
2. Use the main keys [1]-[16] to specify the steps at which a trigger is output.

Using tap write to specify trigger out

- 1. Hold down the [INSTRUMENT SELECT] button and press the [TRIGGER OUT] (MENU) button at the moment that you want a trigger to be output.
2. To clear this, hold down the [CLEAR] + [INSTRUMENT SELECT] + [TRIGGER OUT] buttons.

Restoring the Factory Settings (Factory Reset)

- Here's how to return the TR-09 to its factory-set state.
1. While holding down the [2] button, turn on the power.
2. Press the [ENTER] button to execute the factory reset.

Data Backup/Restore

- Backup
1. Connect your computer to the TR-09's USB port via USB cable.
2. While holding down the [START] button, turn on the power.
Restore
1. As described in the procedure for "Backup" Step 1-3, open the "TR-09" drive on your computer.

Windows

Right-click on the "TR-09" icon in "Computer" and execute "Eject."

Mac OS

Drag the "TR-09" icon to the Trash icon in the Dock.

Restore

- 1. As described in the procedure for "Backup" Step 1-3, open the "TR-09" drive on your computer.
2. Copy the TR-09 backup files into the "BACKUP" folder of the "TR-09" drive.

Setting the last step

- Perform this operation in step write mode (the started condition).
1. Hold down the [LAST STEP] button and press a main key [1]-[16] to specify the last step.
You can also change the Last Step by holding down the [LAST STEP] button and turning the [TEMPO] dial.

Entering the total accent

- Perform this operation in step write mode (the started condition).
1. Hold down the [INSTRUMENT SELECT] button and press the [TOTAL ACCENT] (ENTER) button.
2. Press the main keys [1]-[16] of the steps to which you want to add an accent.
3. Use the [TOTAL ACCENT] knob to adjust the strength of the accent.

Shuffle settings

- Perform this operation in step write mode (the started condition).
1. Hold down the [SHUFFLE/FLAM] button and press one of the main keys [1]-[7] to specify the shuffle setting.
Higher numbers produce greater shuffle. You can use the [TEMPO] dial to adjust the setting in detail.

Entering a flam

- Here's how to enter a flam for the BASS DRUM, SNARE DRUM, or TOM.
1. Hold down the [INSTRUMENT SELECT] button and simultaneously press the two buttons shown below.
2. Press a main key [1]-[16] to specify the step at which you want to enter a flam.
3. By holding down the [SHUFFLE/FLAM] button and press one of the main keys [9]-[16] you can specify the spacing of the flam.

Tap Write (Realtime Recording)

- Before you continue, use the [SHIFT] + BANK [I] or [II] buttons to select a bank.
Selecting PATTERN WRITE mode
1. Hold down the [SHIFT] button and press one of the PATTERN PLAY [1]-[3] buttons.

Selecting TAP WRITE (Realtime Recording) mode

- 1. Hold down the [SHIFT] button and press the [TAP] (BACK) button.
Clearing a pattern
1. Hold down the [CLEAR] button and press one of the main keys [1]-[16] to select the pattern that you want to clear.

Executing tap write

- 1. Press the [START] button.
2. Press the [CYCLE/GUIDE] button.
3. Use the main keys [1]-[16] to perform.
4. Press the [STOP/CONT] button to stop.

Convenient Functions

Copying a Pattern

- Here's how to copy a pattern. You can also copy to another bank or group.
1. Select the paste-destination pattern.
2. Select the copy-source pattern.

Chain (Connecting Patterns)

- You can connect two or more patterns and use them as a single pattern.
1. Hold down the first and last buttons of the pattern that you want to connect as a chain, and press the [ENTER] button.

Setting a chain

- 1. Hold down the first and last buttons of the pattern that you want to connect as a chain, and press the [ENTER] button.
Removing a chain
1. Hold down the pattern that you want to unchain, and press the [ENTER] button.

Removing a chain

- 1. Hold down the pattern that you want to unchain, and press the [ENTER] button.

System Settings

- 1. Press the [MENU] button to make it light.
2. Use the [TEMPO] dial to select the parameter, and then press the [ENTER] button.
3. Use the [TEMPO] dial to set the value.

Table with 4 columns: Display, Parameter, Value, and Explanation. Rows include CH, SYN, THRU, AUTO, LED, and PRG.

Diagram of the TR-09 outputs: Parallel Out, DUE, and SCAL. Includes a diagram of the TR-09 controls with numbered callouts for output settings.

- Parallel Out
1. Hold down the [SHIFT] button and press the following buttons in the order given.
DUE
1. Press the [START] button.
2. Use the PATTERN PLAY [1]-[3] buttons and the main keys [1]-[16] to select the pattern that you want to enter at the first measure.

Main Specifications Roland TR-09: Rhythm Composer

Table with 2 columns: Power supply, Dimensions, Weight, and Accessories. Rows include Rechargeable Ni-MH battery, 308 (W) x 130 (D) x 51 (H) mm, 980 g, and Boutique Dock DK-01.

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.