



Roland TM-1 Dual Input Trigger Module Owner's Manual

[Home](#) » [Roland](#) » Roland TM-1 Dual Input Trigger Module Owner's Manual 

Contents

- 1 Roland TM-1 Dual Input Trigger Module
- 2 Panel Descriptions
- 3 Bottom Panel (Changing the Battery)
- 4 Turning the TM-1 On
- 5 Setting the Dynamics of the Triggers
- 6 System Settings
- 7 Main Specifications
- 8 FAQs
- 9 Video-Roland TM-1 Dual Input Trigger Module
- 2
- 10 References
- 11 Related Posts



Roland TM-1 Dual Input Trigger Module



Panel Descriptions

Top Panel

[−] [+] switch

The operation of these switches changes according to the mode.

Switch	KIT mode Trigger indicator unit	PREVIEW mode Trigger indicator lit
[−]	Switches to the previous kit. * Long-press the switch to switch through kits in rapid succession.	Plays the TRIG1 instrument.
[+]	Switches to the next kit. * Long-press the switch to switch through kits in rapid succession.	Plays the TRIG2 instrument.

In kit mode, by pressing the [−] [+]
switches simultaneously, turns mute on/off.

* When mute is turned on, the trigger indicator blinks, and the input triggers no longer respond. This is convenient when you want to quickly disable the triggers.

MEMO

In kit mode, you can use the dedicated app to freely assign a variety of functions.

Switching kits when in preview mode

Change to kit mode, switch kits, and then return to preview mode.

Display

Indicates the kit number.

The set of instruments played by TRIG1 and TRIG2 is called a **"kit."**

→ **"Kit List (15 Kits)"**

Trigger indicators (TRIG1/TRIG2)

When TRIG1/TRIG2 respond, the corresponding trigger indicator changes lit → unlit.

When the maximum trigger input occurs, the display's "." (decimal point) also changes lit → unlit. This is useful when you're adjusting the trigger sensitivity.

Edit knobs (TRIG1/TRIG2)

Knob	Explanation
[SENS]	Turning this toward the left lowers the sensitivity, so that you must strike strongly to get a response. Turning this toward the right raises the sensitivity, making it easier to get a response even for soft strikes. * If you're using a footswitch, turn the [SENS] knob all the way to the left (to the FSW position).
[PITCH]	Adjusts the pitch of the instrument.
[DECAY]	Adjusts the duration of the instrument's sound.
[LEVEL]	Adjusts the volume of the instrument.

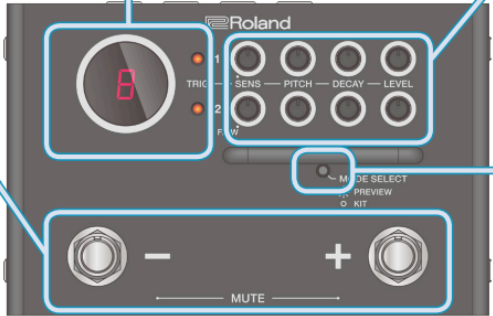
With the default settings, the values of the [PITCH], [DECAY], and [LEVEL] knobs are applied to all kits; however, you can change a setting so that knob values can be specified individually for each kit.

→ **"System Settings"** (Knob Setting)

[MODE SELECT] button

Each time you press the [MODE SELECT] button, the operating mode of the [−] [+]
switches will change.

Trigger indicator	Mode
Lit	PREVIEW mode
Unlit	KIT mode



MEMO

If there are loud sounds nearby, such as when you're using acoustic drums, external sounds or vibration might falsely trigger sound when you're not playing the triggers.

You can prevent false triggering in the following ways.


- by adjusting the position or angle at which the trigger is attached, move it farther away from the source of vibration
- Use the [SENS] knob to lower the sensitivity of the trigger

Rear Panel (Connecting Your Equipment)

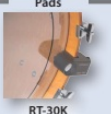
To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

TRIG IN jacks


Connect trigger input pads or footswitches here. The TRIG IN jacks support head/bow shots (they do not support rim/edge).



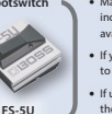
KT-10



RT-30K



BT-1



FS-5U

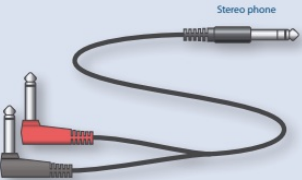
- Make connections using the stereo cable included with the pad or using a commercially available cable (stereo phone ↔ stereo phone).
- If you're using a footswitch, set the [SENS] knob to the FSW position.
- If using the BT-1, you'll need to make settings in the dedicated app.

Connecting a dual trigger pad

If you're using the rim and edge of the pad, use an insert cable (stereo phone ↔ mono phone x 2) (one pad can be connected).

Connect the cable's L/R plugs to the TRIG IN 1/2 jacks of the TM-1.


* You'll need to make settings in the dedicated app.



Separately sold PCS-31L or commercially available cable


DC IN jack

AC Adaptor




[POWER] switch

→ "Turning the TM-1 On"




PHONES jack

Headphones




USB port

Computer/Smartphone/USB AC adapter



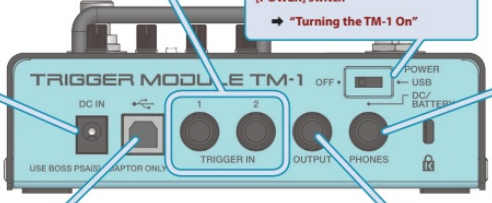
OUTPUT jack

Mixer/Speaker



You can choose whether the OUTPUT jack will output the mixed sound in mono or output the sound of each trigger separately to left and right.

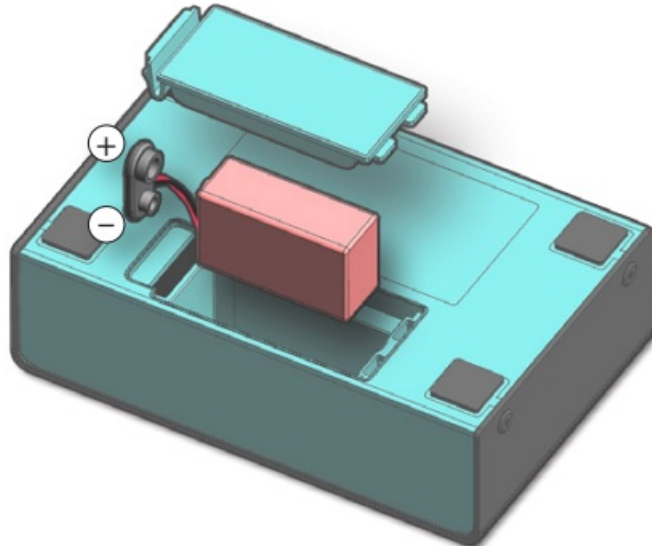
→ **"System Settings"** (Output Setting)



NOTE

- If you're connecting to an iOS device (iPhone/iPad), you'll need Apple's Lightning – USB camera adapter.
- If you're connecting to an Android device, you'll need a cable that's equipped with the appropriate connector for your device. However, we cannot guarantee operation with all Android devices.

Bottom Panel (Changing the Battery)



1. Remove the lid of the battery cover located on the bottom of the unit.
2. Remove the old battery from the compartment and remove the snap cord connected to it.
3. Connect the snap cord to the new battery, and place the battery inside the compartment.
Make sure the “+” and “-” ends of the battery are oriented correctly.
4. Securely close the battery cover.

Use of Battery

- Zinc-carbon batteries cannot be used. You must use alkaline batteries.
 - The battery life is approximately three hours for typical performance. When the battery runs low, the display blinks. Replace the battery as soon as possible.
 - If you handle batteries improperly, you risk explosion and fluid leakage. Make sure that you carefully observe all of the items related to batteries that are listed in “USING THE UNIT SAFELY” and “IMPORTANT NOTES” (leaflet “USING THE UNIT SAFELY”).
 - The life of the supplied batteries may be limited since its primary purpose was to enable testing.
 - 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.

Turning the TM-1 On

The TM-1 can operate on battery power or a separately sold AC adaptor, or on USB bus power or a USB AC adaptor.

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.

1. Set the [POWER] switch to the “DC/BATTERY” or “USB” position.
2. Power on the connected equipment, and raise the volume to an appropriate level.

Power supply type	Switch	Explanation
AC adaptor (sold separately)	DC/BATTERY	The unit operates on a battery or a separately sold AC adaptor. * If a battery and an AC adaptor are both connected, the AC adaptor takes priority.
Dry battery		
USB bus power/ USB AC adapter	USB	Connect the unit to a powered USB port of your computer, or to a USB AC adapter. * If the unit is connected to a smartphone, use the “DC/ BATTERY” setting.

Turning Off the Power

Power off the connected equipment, and set the [POWER] switch to the “OFF” position.

Setting the Dynamics of the Triggers

For each kit, you can individually adjust the dynamics of TRIG1 and TRIG2. The volume changes according to the strength of your strike.

1. Hold down the [MODE SELECT] button until the display blinks.
2. Press the [–] switch (TRIG1) or the [+] switch (TRIG2).

Each time you press the switch, the dynamic setting changes (1 0 2 0 3 0 4 0 1 0).

The “1” setting provides natural volume change. The “2” and “3” settings make it easier to produce loud sounds, and the “4” setting fixes the volume at maximum.

Switch	Value	Explanation
[–] switch	1 (minimum)–4 (maximum)	Adjusts the dynamics of TRIG1.
[+] switch		Adjusts the dynamics of TRIG2.

3. Press the [MODE SELECT] button.
You exit settings mode.

System Settings

You can edit the following settings.

1. Power-off the TM-1.
2. While holding down the [MODE SELECT] button, turn on the power.
When the display shows “o,” the unit is in system settings mode.

Setting item	Controller	Explanation
o Output Setting	[-] switch	<p>Selects the output method for the OUTPUT jack.</p> <p>MIX: Trigger indicators (1/2) unlit</p> <p>The mixed sound is output in mono.</p> <p>INDIVIDUAL: Trigger indicators (1/2) lit</p> <p>Each trigger is output separately to left and right (TRIG1: L-side / TRIG2 : R-side).</p>
Knob Setting	[+] switch	<p>Allows you to specify the knob values individually for each kit.</p> <p>GLOBAL: Trigger indicators (1/2) unlit</p> <p>The values of the [PITCH], [DECAY], and [LEVEL] knobs apply to all kits.</p> <p>* For the [SENS] knobs, the GLOBAL setting is always used.</p> <p>INDIVIDUAL: Trigger indicators (1/2) lit</p> <p>The knob values can be specified individually for each kit. When you switch kits, the values of the kit are applied.</p> <p>You can specify the kit values by operating the knobs or by using the dedicated app.</p>

3. When you have finished making settings, turn the power off and then on again.

The edited settings are saved automatically.

MEMO

By connecting this unit via a USB cable to your computer or smartphone and using the dedicated app, you can replace the internal sounds with audio files (samples) of drum sounds or sound effects that you created on your computer. The dedicated app (TM-1 Editor) can be downloaded from the App Store if you're using an iOS device, or from Google Play if you're using an Android device.

If you're using a computer, you can download it from the following URL.

<https://www.roland.com/support/>

Access the URL, and search for "TM-1" as the product name.

* If you use the dedicated app to load other sounds, the original sounds are overwritten. Since the dedicated app contains the factory-set data, you can reload it when you wish.

NOTE

If you set the [POWER] switch to "USB" and connect the unit to your smartphone, a warning dialog box might appear. In this case, disconnect the unit from the smartphone (for an iPhone/iPad, disconnect the camera adaptor from your iPhone/iPad), set the [POWER] switch to the "DC/BATTERY" position, use a battery or the AC adaptor to power-on the TM-1, and then connect it once again to your smartphone.

Kit List (15 Kits)

N o .	Instrume nt		
	TRI G1	TRI G2	
1	Roc k Ki ck	Roc k S nar e	
2	Met al K ick	Met al S nar e	
3	Fat Kic k	Fat Sna re	
4	He avy Roc k Ki ck	He avy Roc k S nar e	
5	Fun k Ki ck	Fun k S nar e	

N o .	Instrume nt		
	TR IG 1	TRI G2	
6	Alt- Ro ck Kic k	Alt- Roc k S nar e	
7	Hip Ho p K ick	Hip Ho p S nar e	
8	R& B Kic k	R& B F ing er Sna p	
g	Tra p K ick	Tra p S nar e	
A	80s Kic k	80s Sna re	

N o .	Instrume nt		
	TRI G1	TRI G2	
B	Big Ro om Kic k	Big Ro om Sna re	
C	Ho use Kic k	Ho use Cla p	
D	Da nce Kic k	Da nce Cla p	
E	808 Cy mb al	Syn th L oop	
F	Spl ash Cy mb al	Sha ker Loo p	

Main Specifications

Expected battery life under continuous use	Alkaline: Approximately 3 hours * These can vary depending on the specifications of the batteries, capacity of the batteries, and the conditions of use.
Current Draw	100 mA (DC IN) / 250 mA (USB)
Dimensions	150 (W) x 95 (D) x 60 (H) mm 5-15/16 (W) x 3-3/4 (D) x 2-3/8 (H) inches
Weight	550 g / 1 lb 4 oz
Accessories	Owner's Manual, Leaflet ("USING THE UNIT SAFELY," "IMPORTANT NOTES"), Dry battery (6LR61 (9 V) Type), USB cable (type B)
Options	AC adaptor (PSA-S series)

* 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.

FAQS

How do you control and customize the TM-1?

You can control and customize the TM-1 using the front-panel controls and the included software editor, which offers in-depth sound editing options.

Is it suitable for live performances?

Yes, the TM-1 is designed for both studio recording and live performances, making it a versatile tool for drummers and percussionists.

What kind of onboard effects does it offer?

The TM-1 includes onboard effects like reverb and multi-effects, giving you the ability to shape and enhance your drum sounds.

Can I use my own custom samples with the TM-1?

Yes, you can load your own custom samples onto the TM-1 via a computer and the included software, allowing you to personalize your drum sounds.

Is it compatible with various trigger types?

Yes, the TM-1 is compatible with a wide range of trigger types, including drum triggers, acoustic drum triggers, and percussion triggers.

How does it work?

You connect electronic drum triggers or pads to the trigger inputs of the TM-1. It then processes the trigger signals and produces sound based on your chosen samples or drum kits.

What are its main features?

The Roland TM-1 offers two trigger inputs, customizable sound libraries, onboard effects, and quick and easy setup for expanding your drumming or percussion setup.

What is the Roland TM-1 Dual Input Trigger Module?

The Roland TM-1 is a compact and versatile trigger module designed for electronic drumming and percussion applications.

Does it require any additional equipment to use effectively?

To use the TM-1, you will need electronic drum triggers or pads, and if you want to load custom samples, you'll need a computer with the TM-1 software editor. Additionally, an amplifier or sound system is necessary to hear the triggered sounds.

What kind of musicians can benefit from the Roland TM-1?

Drummers, percussionists, and electronic musicians who want to incorporate electronic drum sounds and triggers into their performances or recordings can benefit from the TM-1.

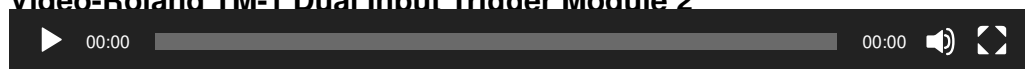
Is it portable and easy to set up?

Yes, the TM-1 is compact and lightweight, making it easy to transport and set up for various musical situations.

Can you use footswitches or pedals with the TM-1?

Yes, you can connect footswitches or pedals to the TM-1 to trigger specific actions or switch between different drum kits or sounds.

Video-Roland TM-1 Dual Input Trigger Module 2



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References

- [User Manual](#)