

Before using this unit, carefully read the leaflet "USING THE UNIT SAFELY." After reading, keep the leaflet where it will be available for immediate reference. Copyright © 2015 ROLAND CORPORATION

Introduction

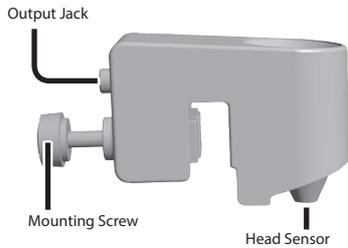
You'll use this product by mounting it on an acoustic drum. The vibrations that occur when a performer strikes the drum are detected by a sensor, and the force of the strike is sent to the drum sound module as a trigger signal.

Main Features

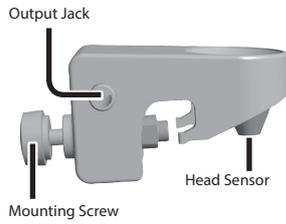
- Mounts on your drum easily and securely
- Can be mounted on drums that have a variety of hoop shapes (except wooden hoops)
- Design is optimized for Roland's drum sound modules

Parts Descriptions

RT-30K (for bass drum)



RT-30HR/RT-30H (for snare and tom)



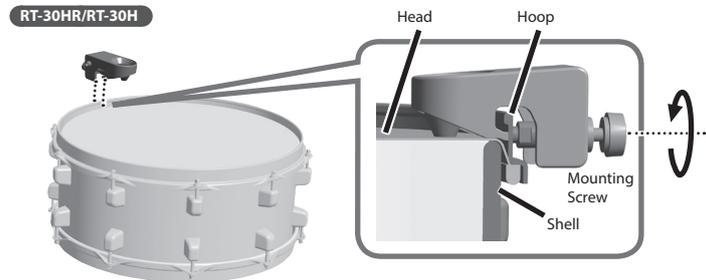
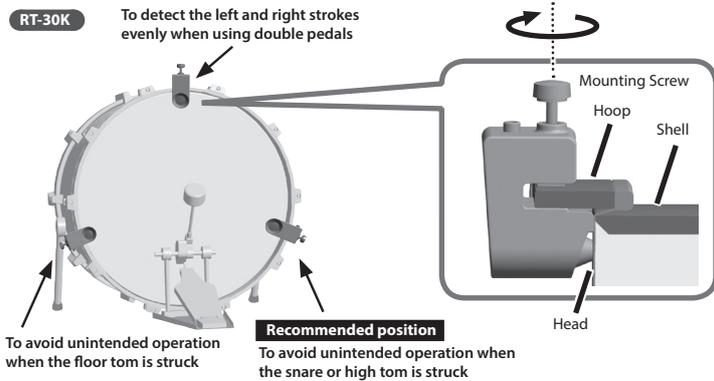
- The RT-30K (Kick Trigger) and RT-30H (Single Trigger) support head triggering.
- The RT-30HR (Dual Trigger) supports separate head/rim dual triggering.
- * When you're not using the trigger, remove it from your drum set.
- * Do not apply strong force to the head sensor, and do not subject it to force for an extended time when you're not using it. Doing so may deform the head sensor or cause malfunctions.

Setting Up

Mounting the Trigger on Acoustic Drums

Firmly position the trigger against the surface of the drum head, and tighten the screw to secure the trigger in the position shown in the illustration below.

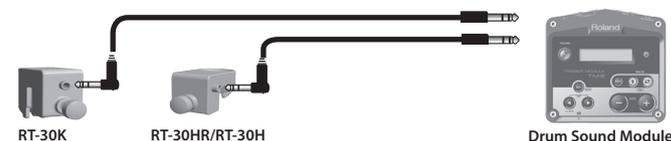
- * To allow the trigger to accurately detect the vibration of the head, mount it between two adjacent tension bolts.



- * When you mount the trigger on acoustic drums, please be careful not to get your fingers pinched. In places where small children are present, make sure that an adult provides supervision and guidance.

Connecting a Drum Sound Module

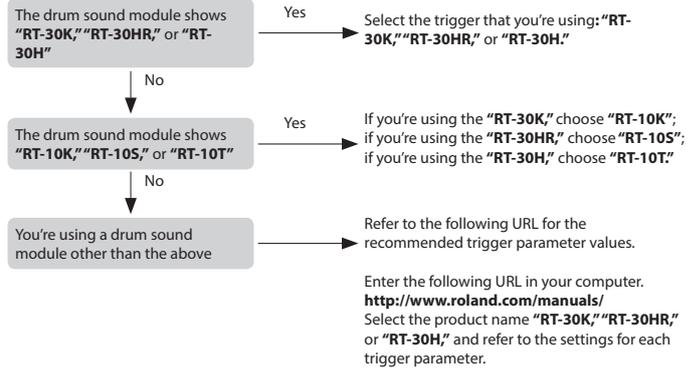
Use a stereo cable (included) to connect the trigger and the drum sound module.



- * You must use the included stereo cable to connect this trigger to your drum sound module.
- * To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

Setting Trigger Parameters in a Drum Sound Module

Correct trigger type and parameter settings provide accurate triggering. Here's how to specify the trigger type (pad type) on your drum sound module.



Troubleshooting

If your strikes do not produce accurate triggering, check the following three points to improve the triggering.

Adjust the position or angle of your drums

Vibrations and sound can be transmitted from another drum or via the stand, causing notes to be triggered inadvertently.

Mute or muffle the drum head

This will reduce unwanted vibration of the head, improving the accuracy of detection. If a drum is not securely fastened to the stand, this can also be the cause of unwanted vibration.

Setting trigger parameters in a drum sound module

You can minimize problems by adjusting the settings.

Problem	Action
No sound is triggered	Check the power and volume of your drum sound module.
	Make sure that this trigger is securely fastened to the drum hoop, and that the head sensor is contacting the drum head.
	Check the sound module's trigger indicator to confirm that the drum sound module is receiving the trigger signals.
Multiple sounds played when drum is struck only once (Retrigger)	The tension bolts on both sides of the trigger should be fastened quite tightly.
	Reduce unneeded vibration, either by exchanging the head for a type that has a short sustain, or by using a ring mute, tape, or gel material to mute the head.
	On your drum sound module, increase the value of the "Retrigger Cancel" setting.
When you strike, a different drum that you did not strike also responds	Adjust your setup so that the trigger is not in contact with the stand or with another drum. If this does not solve the problem, mount the trigger at a position that is farther away from the other drum.
	Reduce unneeded vibration, either by exchanging the head for a type that has a short sustain, or by using a ring mute, tape, or gel material to mute the head.
	On your drum sound module, increase the value of the "Threshold" setting.
	If this problem occurs between multiple drums on which triggers are mounted, make adjustments by gradually increasing the value of the "Crosstalk Cancel" setting on your drum sound module for the drums that are having the problem.
Sounds are triggered without playing the drums	For snare drum triggering, it's a good idea to keep the tension of the snares fairly tight.
	In some cases, the trigger may be responding to vibrations from the floor or to sound from a monitor speaker or bass amp. Adjust the location and angle of your equipment to reduce such vibration or sound.
No response to soft strikes	On your drum sound module, decrease the value of the "Threshold" setting.
	* When making adjustments, take care to avoid double triggering or sound from other drums.
No response to rim shots	Rim shots are supported only by the RT-30HR (Dual Trigger).
	Use the included stereo cable to connect the trigger to your drum sound module. The trigger won't respond to rim shots if you use a monaural cable.
	Connect the cable to a trigger input on your drum sound module that supports Roland PD/PDX series rim shots. For details, refer to the owner's manual of your drum sound module.
Dynamic response seems strange	Adjust the "Sensitivity" and "Velocity Curve" value. For details, refer to the owner's manual of your drum sound module.

Main Specifications

	RT-30K (Kick Trigger)	RT-30H (Single Trigger)	RT-30HR (Dual Trigger)
Trigger	1 (Head)	1 (Head)	2 (Head & Rim)
Connector	Output Jack (1/4 inch Phone Type)		
Dimensions	38 (W) x 94-111 (D) x 62 (H) mm 1.50 (W) x 3.70-4.37 (D) x 2.44 (H) inches	39 (W) x 91-112 (D) x 45 (H) mm 1.54 (W) x 3.58-4.41 (D) x 1.77 (H) inches	
Weight	95 g 3.35 oz	67 g 2.36 oz	69 g 2.43 oz
Accessories	Owner's Manual, Leaflet "USING THE UNIT SAFELY," Stereo Cable (3.5 m, 11.48 ft)		

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