Roland V-Drums PDX-12 Dual Trigger Pad

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Owner's Manual English

Before using this unit, carefully read "USING THE UNIT SAFELY" and "IMPORTANT NOTES." After reading, keep the document(s) including those sections where it will be available for immediate reference.

Check the Included Items

After opening the package, check that all of the included items are present. If anything is missing, contact your dealer.

- PDX-12
- Owner's Manual
- Connection cable
- Knob Bolt
- Drum key

Main Features

Pad for 12-Inch Snare/Tom

Equipped with a mesh head that provides a natural strike feel and minimal acoustic noise. The 12-inch size allows a natural head rebound that's close to that of an acoustic drum, ensuring high play ability.

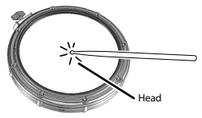
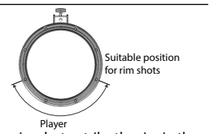
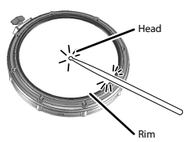
Structure and Materials That Take Advantage of the Sensor

Highly rigid formed material and newly designed hoop rubber provide the playing feel of an acoustic drum, giving you a stable playing experience.

Differentiate Head Shots and Rim Shots

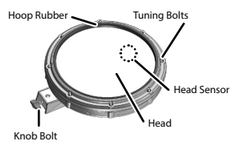
Since independent sensors are provided for the head and the rim, you can play the head and rim independently.

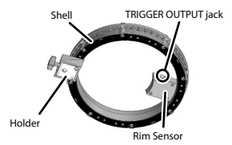
In addition, using the PDX-12 with a Roland sound module (*1) allows it to support open rim shots and cross stick playing.

Playing method	Explanation
Head Shot 	Hit only the head of the pad.
Rim Shot 	Hit only the Rim of the pad. A sound (rim sound) different than the head shot will be heard.A proprietary structure provides a rim height that's the same as on an acoustic drum, allowing natural-feeling rim shots to be played.  * To play rim shots, strike the rim in the area shown in the diagram.
Open Rim Shot (*1) 	Simultaneously strike the center of the head and the rim. A proprietary structure provides a rim height that's the same as on an acoustic drum, allowing natural-feeling open rim shots to be played.
Cross stick (*1) 	Only strike the rim of the pad. Depending on the instrument assigned to the rim, you can play rim shots and/or cross stick sounds. * To play the cross stick, be sure that you only strike the rim of the pad. Placing your hand on the head of the pad might prevent the cross stick sound from being played properly.

*1 Only when used with a compatible sound module such as the Roland TD series.

Descriptions





* Do not touch the sensor section or allow foreign objects to enter it. Doing so might cause malfunction or faulty operation.

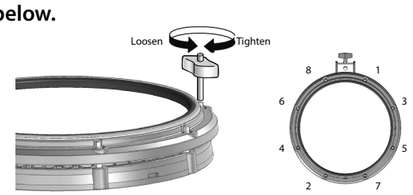
Setup

Adjusting the Head Tension

When the unit is shipped from the factory, this is adjusted fairly loosely. Before use, adjust the head to a fairly high tension.

* Looseness in the head tension may result in problems such as failure of the PDX-12's rim shots to sound or double triggering. Striking the head when the head tension is loose may damage the sensor.

1. Adjust each tuning bolt a little at a time, moving in order from one side to the opposite side as shown in the illustration below.



* Do not firmly tighten a single tuning bolt by itself. Doing so will make it impossible to tension the head evenly, and will cause malfunctions.

2. Fine-tune the adjustment while continuing to check the pad feel and response.

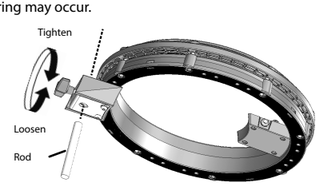
MEMO

- Adjusting the head tension affects only the head response, and does not change the pitch of the sound as it would on an acoustic drum. Pitch adjustments are made by editing the sound in your drum sound module. For details, refer to the owner's Manual of the drum sound module you're using.
- Head tension may slacken with the passage of time. Readjust the tension as needed.

Attaching the Pad to a Stand

Using the included knob bolt, attach the pad to the pad mount of the stand (MDS series).

* When attaching the pad to the stand, take care not to pinch your fingers.
* Be sure to tighten the knob bolt securely. If it remain loose, double triggering may occur.



MEMO

When attaching the PDX-12 to a commercially available tom stand, check the dimensions of the rod. Depending on the dimensions of the rod, it may not be possible to attach the pad to the stand.

Acceptable rod diameters: 9–13 mm (3/8 to 9/16 inches)

Connections

Use the included stereo cable to make connections with the drum sound module. Connect the L-shaped plug of the included cable to the PDX-12's TRIGGER OUTPUT jack.

* If you use a mono cable, you won't be able to employ rim shot and cross stick playing techniques.
* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

Sound Module Settings

Sound module	Value	
TD-50/ TD-30/ TD-25/ TD-15/ TD-11/ HPD-20/ SPD-30/ SPD-SX/ TM-2	**"Trig Type," "Pad Type," "Type"**	PDX-8
	"Sensitivity"	6
	"Rim Gain"	1.1
	"Head/Rim Adjust"	20
TD-17	**"Pad Type"**	PDX-12
TM-6 PRO	**"Trig Type"**	PDX-12

* Use Sensitivity (Sens) to adjust the pad sensitivity to your preference.
* If double triggering occurs, adjust the sensitivity by increasing the sound module's **"Threshold"** value.

When Should You Replace the Head?

The head and hoop rubber are consumable item that will gradually decline in performance during years of use. If the head becomes torn, or if the surface of the head sags even after you've correctly adjusted the tension, you should replace the head. If the hoop rubber becomes damaged, contact a nearby dealer or Roland service outlet.

Replacement head (sold separately): MH2-12 (Roland Power Ply series)

Replacing the Head

1. Remove all tuning bolts from the PDX-12.

* Do not apply excessive force to the sensor and cushion located under the head. Doing so can interfere with accurate detection, and may damage it.

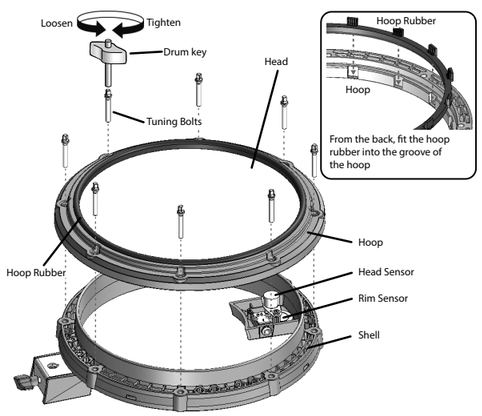
2. Remove the old head.

3. Place the new head on the shell.

4. Attach the tuning bolts to the head and shell.

5. Adjust the tension of the head.

* Do not firmly tighten a single tuning bolt by itself. Doing so will make it impossible to tension the head evenly, and will cause malfunctions.



* Do not touch the sensor section or allow foreign objects to enter it. Doing so might cause malfunction or faulty operation.

USING THE UNIT SAFELY

⚠ WARNING

Do not disassemble or modify by yourself

Do not carry out anything unless you are instructed to do so in the owner's manual. Otherwise, you risk causing malfunction.

Do not repair or replace parts by yourself

Refer all servicing to your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information."

Do not use or store in the following types of locations

- Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are
- Damp (e.g., baths, washrooms, on wet floors); or are
- Exposed to steam or smoke; or are
- Subject to salt exposure; or are
- Exposed to rain; or are
- Dusty or sandy; or are
- Subject to high levels of vibration and shakiness; or are
- Placed in a poorly ventilated location.

Use only the stand that is recommended

This unit should be used only with a stand that is recommended by Roland.

Do not place in a location that is unstable

When using the unit with a stand recommended by Roland, the stand must be carefully placed so it is level and sure to remain stable. If not using a stand, you still need to make sure that any location you choose for placing the unit provides a level surface that will properly support the unit, and keep it from wobbling.

⚠ WARNING

Do not allow foreign objects or liquids to enter unit; never place containers with liquid on unit

Do not place containers containing liquid (e.g., flower vases) on this product. Never allow foreign objects (e.g., flammable objects, coins, wires) or liquids (e.g., water or juice) to enter this product. Doing so may cause short circuits, faulty operation, or other malfunctions.

Be cautious to protect children from injury

Always make sure that an adult is on hand to provide supervision and guidance when using the unit in places where children are present, or when a child will be using the unit.

Do not drop or subject to strong impact

Otherwise, you risk causing damage or malfunction.

⚠ CAUTION

Use only the specified stand(s)

This unit is designed to be used in combination with specific stands (MDH series/MDS series) manufactured by Roland. If used in combination with other stands, you risk sustaining injuries as the result of this product dropping down or toppling over due to a lack of stability.

Evaluate safety issues before using stands

Even if you observe the cautions given in the owner's manual, certain types of handling may allow this product to fall from the stand, or cause the stand to overturn. Please be mindful of any safety issues before using this product.

⚠ CAUTION

Route all power cords and cables in such a way as to prevent them from getting entangled

Injury could result if someone were to trip on a cable and cause the unit to fall or topple.

Avoid climbing on top of the unit, or placing heavy objects on it

Otherwise, you risk injury as the result of the unit toppling over or dropping down.

Disconnect all cords/cables before moving the unit

Damage or malfunction may result if you fail to disconnect all cables before moving the unit.

Keep small items out of the reach of children

To prevent accidental ingestion of the parts listed below, always keep them out of the reach of small children.

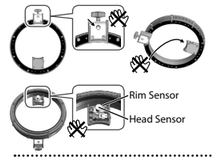
- Removable Parts

Spring

Washer

Do not insert your hand or fingers

Do not insert your hand or fingers into the areas indicated by the arrow in the diagram. Doing so might cause injury or damage. When replacing the head, take care not to touch parts such as the sensor, or allow foreign objects to enter them. Doing so might cause malfunctions.



IMPORTANT NOTES

Placement

- When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.
- Do not paste stickers, decals, or the like to this instrument. Peeling such matter off the instrument may damage the exterior finish.
- Do not place containers or anything else containing liquid on top of this unit. Also, whenever any liquid has been spilled on the surface of this unit, be sure to promptly wipe it away using a soft, dry cloth.

Maintenance

- Never use benzine, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

Additional Precautions

- Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- When disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- This instrument is designed to minimize the extraneous sounds produced when it's played. However, since sound vibrations can be transmitted through floors and walls to a greater degree than expected, take care not to allow these sounds to become a nuisance others nearby.

Trademarks

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Main Specifications

	Roland PDX-12: Dual Trigger Pad
Pad size	12 inches
Trigger	2 (Head, Rim)
Dimensions	430 (W) x 360 (D) x 105 (H) mm 16-15/16 (W) x 14-3/16 (D) x 4-3/16 (H) inches
Weight	2.1 kg 4 lbs 11 oz
Accessories	Owner's Manual, Connection cable, Knob bolt, Drum key
Options (sold separately)	Pad mount (MDH series), Drum stand (MDS 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.

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