

Roland® *DUAL TRIGGER PAD PDX-8* Owner's Manual



Thank you, and congratulations on your choice of the Roland PDX-8.

Before using the PDX-8, carefully read the sections entitled: "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (p. 2; p. 3). These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, this owner's manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

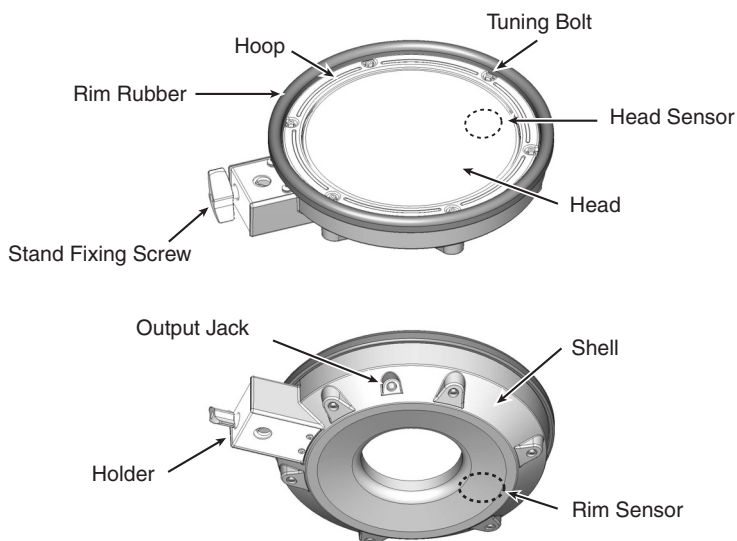
VERY IMPORTANT!!!

- BEFORE playing the pad, you must tension the head. See Page 4.
- Trigger type and trigger parameters in the sound module must be adjusted. See Page 5.
- Adjust the Rim Sensitivity in the sound module. See page 5.

Contents of the Package

- PDX-8 (pad unit)
- Connection Cable
- Tuning Key
- Owner's Manual (this manual)

Names of Components



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USING THE UNIT SAFELY

INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

About  WARNING and  CAUTION Notices







 WARNING	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
 CAUTION	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

About the Symbols






	The  symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
	The  symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The  symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

ALWAYS OBSERVE THE FOLLOWING



WARNING

- Before using this unit, make sure to read the instructions below, and the Owner's Manual. 
- Do not open or perform any internal modifications on the unit. (The only exception would be where this manual provides specific instructions which should be followed in order to put in place user-installable options; see p. 7.) 
- Do not attempt to repair the unit, or replace parts within it (except when this manual provides specific instructions directing you to do so). Refer all servicing to your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page. 
- Never use or store the unit in places that are:
 - 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 
 - Humid; or are
 - Exposed to rain; or are
 - Dusty; or are
 - Subject to high levels of vibration.
- This unit should be used only with a stand (MDS series) that is recommended by Roland (p. 7). 

WARNING

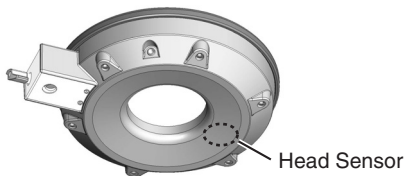
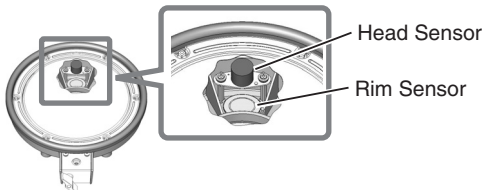
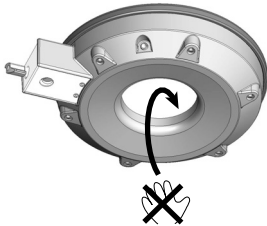
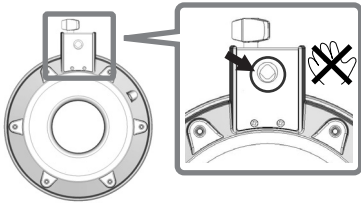
- When using the unit with a stand (MDS series) recommended by Roland, the stand must be carefully placed so it is level and sure to remain stable. If not using a stand, you still need to make sure that any location you choose for placing the unit provides a level surface that will properly support the unit, and keep it from wobbling. 
- Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit. 

- In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit. 
- Protect the unit from strong impact. (Do not drop it!) 

CAUTION

- Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children. 
- Never climb on top of, nor place heavy objects on the unit. 

CAUTION

- Should you remove screws, keep them in a safe place out of children's reach, so there is no chance of them being swallowed accidentally.
- Do NOT place your fingers inside the shell, as you may hurt yourself or cause damage to the PDX-8. Or when changing the head, do NOT touch any of the internal parts. Also, do not insert your fingers into the hole of the mounting bracket.



IMPORTANT NOTES

In addition to the items listed under “USING THE UNIT SAFELY” on page 2–3, please read and observe the following:

Placement

- Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Excessive heat can deform or discolor the unit.
- Do not allow rubber, vinyl, or similar materials to remain on the unit for long periods of time. Such objects can discolor or otherwise harmfully affect the finish.

Maintenance

- For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a cloth impregnated with a mild, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- 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 connecting / 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.
- To avoid disturbing your neighbors, try to keep the unit's volume at reasonable levels. You may prefer to use headphones, so you do not need to be concerned about those around you (especially when it is late at night).
- 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 to neighbors, especially when performing at night and when using headphones.
- Due to the nature of the materials used in the sensor, changes in room temperature may affect the sensitivity of the sensor.

Main Feature

The PDX-8's light weight and compact design allows for comfortable performance and quiet response, even when playing rim shots.

Adjusting the Head Tension

Before using the pad, tighten the head so that the tension is rather firm.

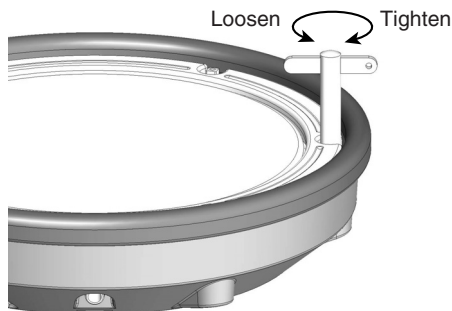
Looseness in the head tension may result in problems such as failure of the PDX-8's rim shots to sound or double triggering.

NOTE

Striking the head when the head tension is loose may damage the sensor.

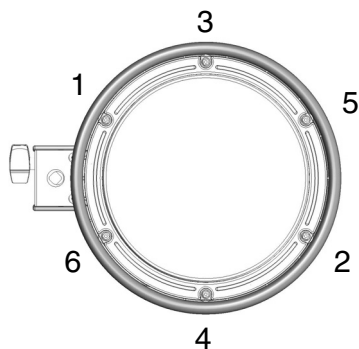
1. Use the included tuning key to tighten the tuning bolts.

Strike the head to check the feel and response.



NOTE

Tighten each tuning bolt one by one, observing the numerical order shown in the diagram. 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

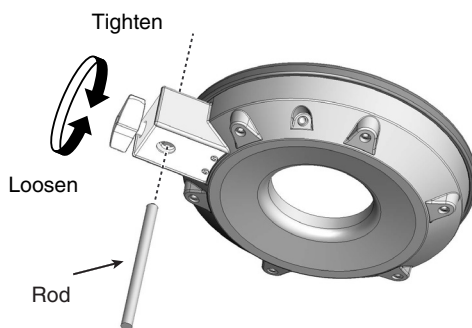
- On the PDX-8, adjusting the head tension affects only the head response, and does not change the pitch of the sound as it would on an acoustic drum.
- Head tension may slacken with the passage of time. Readjust the tension as needed.

Attaching the Pad to a Stand

Attach the PDX-8 to a pad mount of the stand (MDS series).

NOTE

Be sure to tighten the stand fixing screw securely. If it remain loose, double triggering may occur.



MEMO

When attaching the PDX-8 to a 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:
9–11.5 mm (3/8 to 1/2 inch)**

Connecting To A Percussion Sound Module

Use the included stereo cable to make connections.

- If you use a monaural cable, you won't be able to employ rim shot and cross stick playing techniques.
- Connect the L-shaped plug of the included cable to the PDX-8.

** To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.*

Trigger Settings For Percussion Sound Module

Set the trigger type and trigger parameters for the percussion sound module you are using.

Be sure to make these settings to ensure that the PDX-8 performs properly.

Below you will find the settings recommended for different percussion sound modules.

For instructions on setting the trigger parameters, refer to the Owner's Manual for your percussion sound module.

** Leave the initial Cross Stick Cancel settings for each module unchanged.*

About the Head Tension

Tighten the head so that the tension is rather firm.

Looseness in the head tension may result in problems such as failure of the PDX-8's rim shots to sound or double triggering.

About Rim Sens (*1)

If any of the following problems occurs, adjust Rim Sens to a value in the range indicated in the column for the corresponding percussion sound module.

- If the rim sound plays even when you strike the head, lower the Rim Sens value.
- If no rim sound plays even when the rim is struck forcefully, increase the Rim Sens value.

** When using the TD-12 and TD-20, adjust the "RimShot Adjust."*

TD-3 (Percussion Sound Module)

IMPORTANT: Only the snare input is capable of producing a rim shot.

Trigger Type (EYP)	80r
Scan Time (Scn)	1.0
Mask Time (Msk)	8
Rim Sensitivity (rns)	10 (*1)
Rim Gain (rG)	1.1

TD-6V (Percussion Sound Module)

IMPORTANT: Only the 2(snare) input is capable of producing a rim shot.

TrigTyp	PD-80R
Mask Time	8ms
Rim Sens	11 (*1)

TD-12/TD-20 (Percussion Sound Module)

IMPORTANT: Only the inputs listed below are capable of producing a rim shot.

TD-12: 2 (SNARE), 3-5 (TOM1-3), 11-12 (AUX1-2)

TD-20: 2 (SNARE), 3-6 (TOM1-4), 12-15 (AUX1-4)

Trig Type	PD80R or PD85
Sensitivity	7
RimShot Adjust	1.8 (*1)

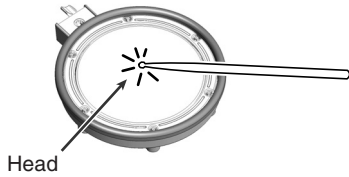
Setting when connecting with trigger input 2(SNARE)

The PDX-8 does not support the TD-12's and TD-20's positional sensing. Set the TD-12/TD-20 so that strike position sensing is not activated. Set Snare CC to "OFF."

(press [SETUP], then [F1 (MIDI)], then [F3 (CTRL)])

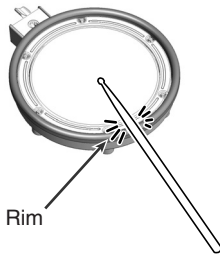
Playing Methods

Head Shots

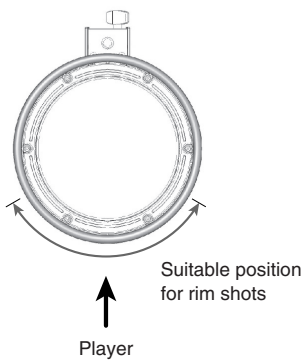


* Do not strike the hoop.

Rim Shots



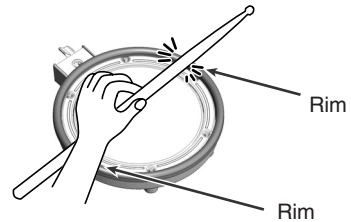
* To play rim shots, strike the rim in the area shown in the diagram.



Cross Stick

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.

* For more on settings and instruments, see the respective module's owner's manual.

Head Replacement

When the Head Should Be Replaced

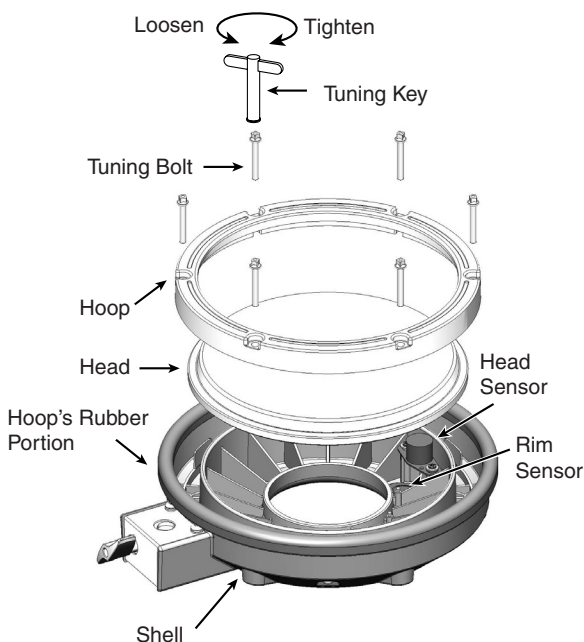
The head is an expendable item that eventually will wear out and need to be replaced. Replace the head when the following occurs:

Slack portions remain in the head even when the head tension is properly adjusted.

Replacement heads (optional): MH-8 Mesh Head

Replacing the Head

1. Remove all tuning bolts from the PDX-8.



NOTE

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 hoop.

3. Remove the old head.

4. Place the new head on the shell.

5. Place the hoop onto the head.

6. Attach the tuning bolts to the hoop and shell.

7. Next, adjust the tension of the head. Refer to "Adjusting the Head Tension" (p. 4).

NOTE

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.

Specifications

PDX-8

Head Size: 8 inches

Triggers: 2 (Head, Rim)

Dimensions: 266 (W) x 326 (D) x 62 (H) mm

10-1/2 (W) x 12-7/8 (D) x 2-1/2 (H)
inches

Weight: 1.3 kg

2 lbs 14 oz

Accessories: Owner's Manual, Connection Cable,
Tuning Key

Options: Mesh Head (MH-8),
Pad Mount (MDH-10U),
Drum Stands (MDS-3C, MDS-6C,
MDS-12, MDS-20)

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

* The Rim rubber is one component that eventually wears out (the more so if numerous rim shots are performed), and will require replacement. Rim shots may not be performed correctly when the rim rubber is worn out. If this occurs, replace the rim rubber. Consult Roland Service for more on replacing the rim rubber.

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