Roland

V-PAD DIGITAL SNARE

PD-14DSX

Owner's Manual

English
日本語
Deutsch
Français
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Nederlands



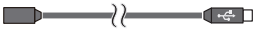
V-Drums

Before using this unit, carefully read "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (p. 6). After reading, keep the document(s) where it will be available for immediate reference.

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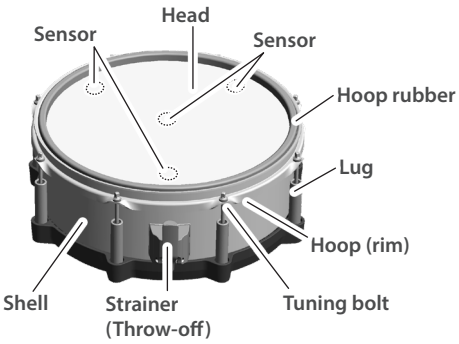
Checking what's included

Once you've opened the package, make sure that nothing is missing. If any of the included items are missing, consult with the dealer from which you purchased this product.

Main unit	
Connection cable	
Drum key	
Owner's Manual	

* The items in the package may differ if this product was included as part of a Roland drum kit.

Component names





DIGITAL TRIGGER OUT connector

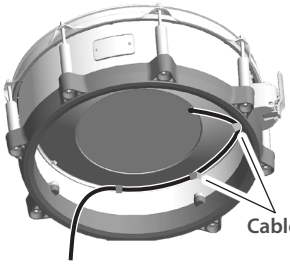
NOTE

- Do not apply too much force to the sensors below the head. This may cause the drum to incorrectly sense the force of impact, or possibly damage the sensors.
- The playing feel of the head or the sensitivity of the sensors may vary with changes in humidity and temperature, due to the characteristics of the materials from which they are made.
- To replace the head or the hoop rubber, contact either the dealer where you purchased this product, or Roland Support.

MEMO

When storing this instrument, use the eight cable clamps as shown in the illustration to fasten the cable in place.

Unfasten the cable from the cable clamps when you are playing.



Mounting the snare onto a snare stand

Use the PD-14DSX with a commercially available snare stand.



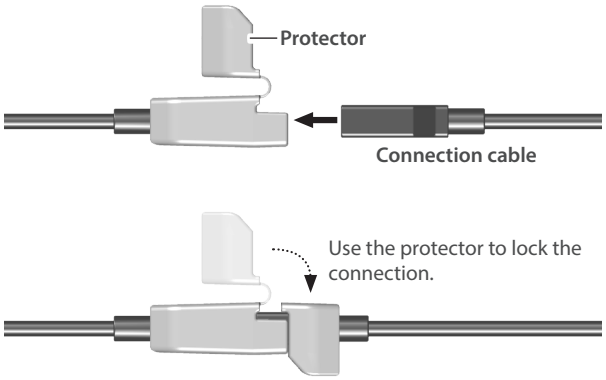
* Make sure that the snare stand you are using is able to support a 14-inch shell.

Connecting to a drum sound module

Connect this instrument to a Roland drum sound module that supports a digital connection.

* Make sure to use the dedicated connection cable that's included.

1. Insert the plug of the connection cable into the DIGITAL TRIGGER OUT connector of the PD-14DSX.



2. Insert the plug of the connection cable into the DIGITAL TRIGGER IN connector of the drum sound module.

3. Configure the settings on the drum sound module to use the PD-14DSX.

* For details, refer to the Owner's Manual of the drum sound module.

Recommended parameter settings

When you first connect the PD-14DSX to a drum sound module, the recommended values are set for the trigger parameters.

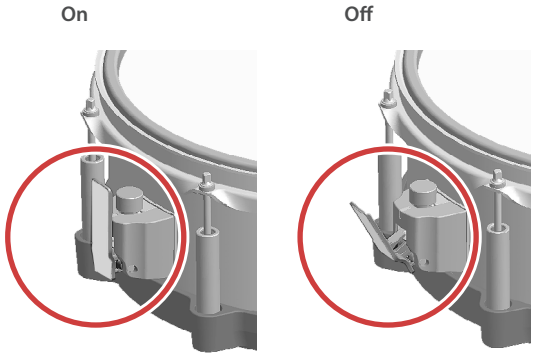
You may need to adjust the trigger parameters depending on the usage environment, such as how you've installed the PD-14DSX or the position in which it is set up.

Refer to the Owner's Manual of the respective sound module for how to configure this.

Using the strainer

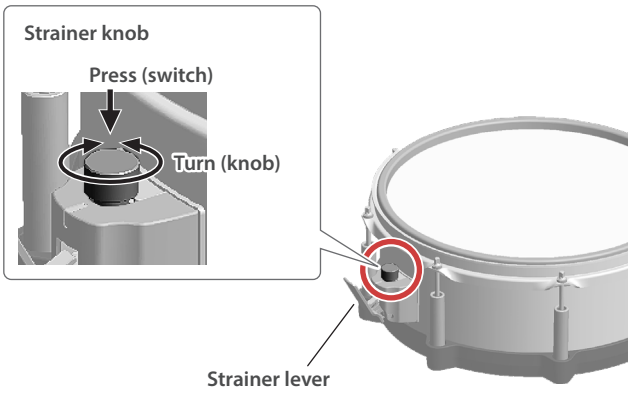
Operate the strainer lever to "attach" the sound module's snare wires to the snare (bottom side; ON) or to "detach" them (OFF).

The operation sound changes according to how fast you operate the lever. Aside from the snare wire operation, you can also assign functions to the strainer for controlling effects and so on.



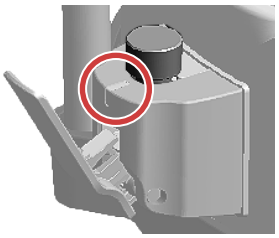
You can assign a variety of functions to the strainer, such as turning the strainer knob to adjust the tension of the snare wires, or pressing the knob to play or stop a song.

Refer to the Owner's Manual of the respective sound module for how to configure this.



MEMO

The color of the sound module kit is used for the strainer indicator color.



* When you operate the strainer, be careful not to get your fingers pinched between the movable part and the body of the instrument. In places where small children are present, make sure that an adult provides supervision and guidance.

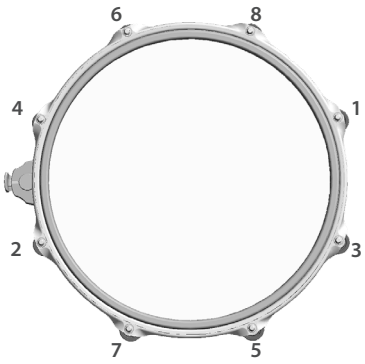
Adjusting the head tension

Be sure to adjust the head tension of the pad before use.

The appropriate amount of tension is one that will provide approximately the same striking response as on an acoustic drum.

To prevent malfunctions, observe the following points.

- Adjust the head so that it does not sag.
- Adjust the tuning bolts so that they do not rattle.



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.

* Do not firmly tighten a single tuning bolt by itself. Doing so makes it impossible to tension the head evenly, and could cause faulty operation or malfunctions.

2. Adjust the tightness of each tuning bolt so that the head is tensioned evenly.

MEMO

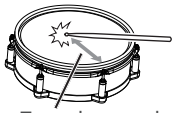
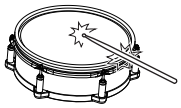
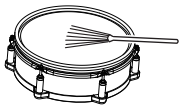
- Adjusting the head tension affects only the head response. This does not change the pitch of the sound, as on an acoustic drum. Pitch adjustments are made by editing the sound in your drum sound module. For details, refer to the Owner's Manual of the drum sound module you're using.
- The head tension may change after you've played the instrument for a long time. Readjust the tension as necessary.

Performance techniques

The performance techniques differ for the respective drum sound modules. For details, refer to the Owner's Manual of the drum sound module.

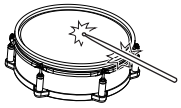
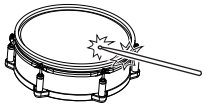
NOTE

- Use wood or plastic sticks. Using carbon or metal sticks might make the sensor malfunction.
- Use nylon brushes. Using metal brushes might make the sensor malfunction or scratch the pad.

Playing method	Explanation
Head shot  Tone changes depending on strike point	Hit the head of the pad. For certain snare sounds, the tone changes naturally as you move the strike location from the center of the head toward the rim.
Rim shot 	Strike the head and the rim together. This will give you a different sound (a rim tone) from head shots.
Cross stick 	Strike the rim while placing your hand on the snare head.
Playing with brushes 	You can use brushes to scrape the head (brush sweep). * For kits on which the snare brush sound is assigned, you can use the brush sweep technique when Brush Switch is "ON".

Change the nuance of the rim shot

With certain snare and tom sounds, the nuance of the sound changes when you slightly change how you play the rim shots.

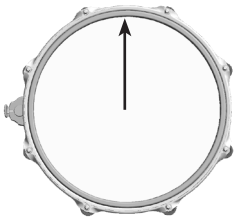
Playing method	Explanation
Normal rim shot (Open rim shot) 	Strike the center of the head and the rim at the same time.
Shallow rim shot 	Strike the head near the rim and the rim itself at the same time.

How strike points are detected on digital drums

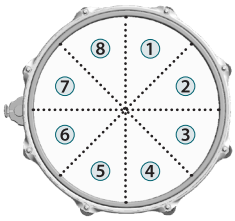
The PD-14DSX detects the position at which you strike the pad (positional sensing).

On the snare drum, the sound changes according to the strike position, such as when striking the center of the pad face versus the edge, or the right side versus the left side.

Center versus edge of pad face



Position struck on pad face



* 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.

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

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

Be sure to contact your dealer, a Roland service center, or an official Roland dealer.

For a list of Roland service centers and official Roland dealers, refer to the Roland website.

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.

⚠ WARNING

Precautions regarding placement of this unit on a stand

Be sure to follow the instructions in the Owner's Manual carefully when placing this unit on a stand (p. 2).

If it is not set up properly, you risk creating an unstable situation which could lead to the unit falling or the stand toppling, and may result in injury.

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.

⚠ WARNING

Turn off the unit if an abnormality or malfunction occurs

In the following cases, immediately turn off the power and contact your dealer, a Roland service center, or an official Roland dealer for service.

- If smoke or unusual odor occurs; or
- Objects have fallen into, or liquid has been spilled onto the unit; or
- The unit has been exposed to rain (or otherwise has become wet); or
- The unit does not appear to operate normally or exhibits a marked change in performance.

For a list of Roland service centers and official Roland dealers, refer to the Roland website.

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

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.

Take care so as not to get fingers pinched

When handling the following moving parts, take care so as not to get fingers, toes, etc., pinched. Whenever a child uses the unit, an adult should be on hand to provide supervision and guidance.

- Strainer (p. 3)

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

- Screws
- Washers

IMPORTANT NOTES

Placement

- This unit may interfere with radio and television reception. Do not use this unit in the vicinity of such receivers.
- 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 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.
- When disposing of the packing carton or cushioning material in which this unit was packed, you must observe the waste disposal regulations that apply to your locality.
- The rubber portion of the striking surface is treated with a preservative to maintain its performance. With the passage of time, this preservative may appear on the surface as a white stain, or reveal how the pads were struck during product testing. This does not affect the performance or functionality of the product, and you may continue using it with confidence.
- Continuous playing may cause discoloration of the pad, but this will not affect the pad's function.

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