Owner's Manual

Names of Parts



* The illustration shows the PDA120L

NOTE

Due to the characteristics of the materials used in the sensor, the strike feel of the head and the sensitivity of the sensor may be affected by changes in temperature and humidity.

Mounting on a Stand

PDA120L, PDA100L only



Allowable diameter of mounting rod: 9-13 mm (3/8-9/16 inches)

Connecting to the Drum Sound Module

Using the included connection cable (stereo cable) or the dedicated connection cable included with your drum sound module, attach the pad to your drum sound module. Connect the L-shaped plug of the connection cable to the pad's output jack.

Using a mono cable will NOT allow rim shots.

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





Recommended Parameter Settings

These are the recommended setting values for the trigger parameters when using the PDA120LS, PDA120L, or PDA100L with your drum sound module.

Choose these if "PDA120LS/PDA120L/PDA100L" is one of the choices for "PAD TYPE" or "TRIG TYPE" on your drum sound module

If "PDA120LS/PDA120L/PDA100L" is not one of the choices, then refer to the support information on the Roland website.



http://roland.cm/trigger_prm You might need to adjust the trigger parameters

depending on the conditions of use, such as the mounting method or the position of the PDA120LS, PDA120L, or PDA100L For details on these settings, refer to the owner's manual of your drum sound module.

Adjusting the Head Tension

Before playing, you must adjust the pad tension first. If the head is too loose, the sensor might not work correctly, or the sensor might be damaged. For stable operation, adjust the head tension slightly tighter than the strike feel of a typical acoustic drum.

NOTE

To avoid faulty operation, observe the following points.

- Adjust the head evenly so that it does not sag.
- Adjust the tuning bolts so that they are not loose.
- 1. Adjust each tuning bolt little by little, across the head as indicated in the illustration.



Fully tightening a tuning bolt at only a single location produces uneven tensioning, and correct playing dynamics may not be achieved or may even cause malfunctions. Even tuning/ tensioning is very important.

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

MEMO

- Head tension will not affect the actual tuning of the sound you are playing. For that you need to adjust sound parameters in the drum sound module you are using. For details, refer to the owner's manual of your drum sound module.
- Also, head tension may change depending on usage. Adjust as needed.

Replacing the Head or Hoop Rubber

The performance of the head and/or hoop rubber will diminish with use over time. If the head is torn or becomes too fatigued, or impossible to tension correctly, then it should be replaced. If the hoop rubber is worn out, it too can be replaced.

For replacement heads or to have the hoop rubber replaced, please contact your dealer or a Roland service center.

Replacing the Head

NOTE

Applying excessive force to the sensors located under the head can damage them and/or interfere with accurate triggering.

PDA120LS, PDA120L



* The illustration shows the PDA120L





1. Remove all tuning bolts. Go around and loosen each bolt a little at a time by turning it counter-clockwise.

- 2. Remove the hoop and old head.
- * Take care not to touch the sensor with your hand.
- 3. Place the new head and hoop on the shell.
- 4. Install all six tuning bolts.
- Adjust the tension of the head.

Playing Methods

Head shot

Hit only the head of the pad.



MEMO

For details on the sounds that are supported, refer to the owner's manual of your drum sound module.

Main Specifications

Roland PDA120LS, PDA120L, PDA100L: V-Pad			
	PDA120LS	PDA120L	PDA100L
Shell	12 (diameter) x 4 (depth) inches Wood shell		10 (diameter) x 4 (depth) inches Wood shell
Head	2-ply mesh head		
Triggers	2 (Head, Rim)		
Connector	Output jack		
Allowable diameter of mounting rod	-	9–13 mm (3/8–9/16 inches)	
Dimensions	345 (W) x 324 (D) x 125 (H) mm 13-5/8 (W) x 12-13/16 (D) x 4-15/16 (H) inches	345 (W) x 380 (D) x 125 (H) mm 13-5/8 (W) x 15 (D) x 4-15/16 (H) inches	295 (W) x 330 (D) x 125 (H) mm 11-5/8 (W) x 13 (D) x 4-15/16 (H) inches
Weight	2.0 kg 4 lbs 7 oz	2.3 kg 5 lbs 2 oz	1.9 kg 4 lbs 4 oz
Accessories	Owner's Manual, Leaflet "USING THE UNIT SAFELY," Connection cable, Drum key		

the Roland website





Strike the head and the rim of the pad simultaneously. A sound (rim sound) different than the head shot will be heard.



This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to

