



01 Check the included items

As soon as you open the package, check to see that all items are included. If anything is missing, please contact your dealer.

* This package does not include a kick pedal and a hi-hat stand. Use with a commercially available kick pedal and hi-hat stand.

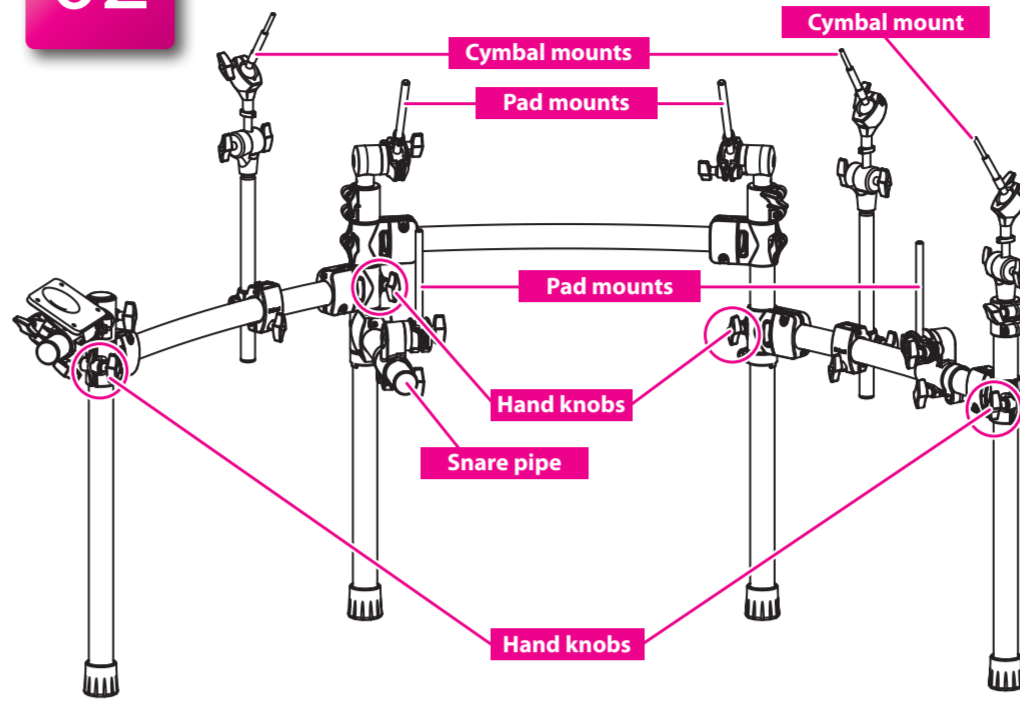
TD-30K parts

- TD-30 (Drum Sound Module) x 1
 - VH-11 (V-Hi-hat) x 1
 - KD-120 (V-Kick) x 1
 - PD-125 (V-Pad for snare) x 1
 - PDX-100 (V-Pad for tom) x 3
 - CY-12C (V-Cymbal for crash 1) x 1
 - CY-13R (V-Cymbal for crash 2) x 1
 - CY-15R (V-Cymbal for ride) x 1
 - Plastic beater x 1
 - Drum key x 1
 - TD-30K Setup Guide (this document) x 1
 - VH-11 Owner's Manual x 1
- * The drum key is included in the VH-11 package.
* The TD-30 Owner's Manual and accessories are included in the TD-30 package.
* The included items for the cymbals are in the packing carton of each cymbal.

MDS-12V

* When checking the items included with the MDS-12V, refer to the MDS-12V owner's manual.

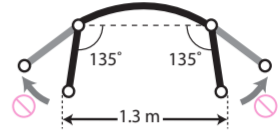
02 Assemble the stand (MDS-12V)



Assembly procedure

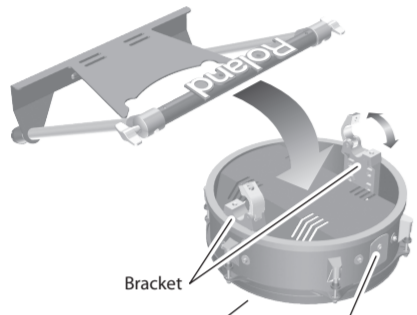
Assemble the stand using the procedure described in the MDS-12V Owner's Manual.

* Do not spread open the stand farther than 135 degrees as shown in the illustration. Nor should you spread the stand wider than 1.3 meters (51-3/16 inches).



03 Assemble the V-Kick (KD-120)

* Use a commercially available kick pedal.

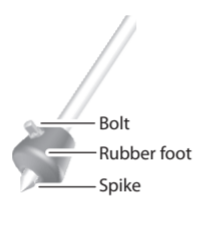


- Place the KD-120 pad, with the head surface facing downward, on a flat surface such as the floor.
- Use the included drum key to loosen and remove the bolts for the brackets on the back of the KD-120 pad.
- Mount the stand on the brackets so that the output jack for the KD-120 pad faces up. Use the bolts you removed in step 2 to secure the KD-120 pad to the stand, tightening the bolts with the included drum key.

- Adjust the ends of the legs to match the location where you're installing the KD-120. Adjust to use the spike legs when installing on carpeting or other soft surfaces, or the rubber legs when installing on flooring or other hard surfaces. When shipped from the factory, the stand is adjusted for using the rubber legs.

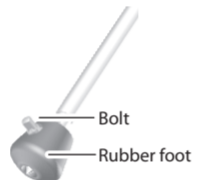
Switching to the spike leg

- Slightly loosen the foot bolt.
- Move the rubber foot all the way upward, and then tighten the bolt. The spike will protrude from the rubber foot.

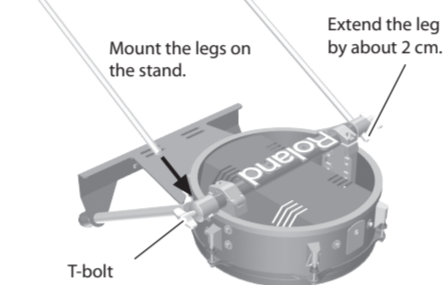


Switching to the rubber leg

- Slightly loosen the foot bolt.
- Move the rubber foot all the way downward, and then tighten the bolt.



- Loosen the T-bolts for the stand and mount the legs on the stand. Install the legs as shown in the figure so that the ends of the legs protrude by about 2 cm.

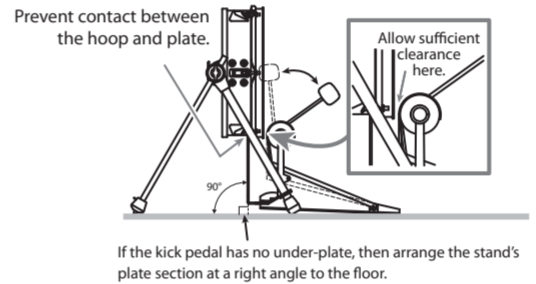


- Tighten the T-bolts to secure the legs to the stand.

- Lift the KD-120 and place the stand and the four legs upright.

- Adjust the angle of the head surface so that it's at a right angle to the floor. Use the included drum key to loosen the bracket bolts you tightened in step 3, and adjust the angle of the KD-120 pad so that the head surface is at a right angle to the floor.

- Attach the included plastic beater on your kick pedal.
- Mount the kick pedal on the KD-120.
 - Make sure there is about 1 cm of space between the two to keep the kick pedal's chain (or belt) from touching the hoop of the KD-120 pad during play. Also, if the kick pedal has no under-plate, then arrange the stand's plate section at a right angle to the floor.



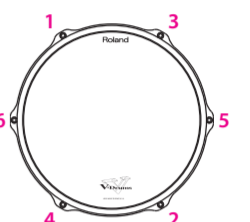
NOTE

Please be aware that by using a felt beater for the KD-120, you risk causing damage to the head as a result of the metal portions of the beater that can become exposed when the felt wears thin. For the kick pedal, we recommend that you use only the supplied beater, or a commercially available plastic beater.

Adjusting the head tension

Before playing you must adjust the pad tension first. Adjust the tension so that the pad responds to your strikes with the appropriate feel.

- Check the current tension of the head.
- Remove the kick pedal from the KD-120.
- Adjust each tuning bolt little by little, across the head as indicated in the illustration.
- Adjust the tightness of each tuning bolt so that the head is tensioned evenly.



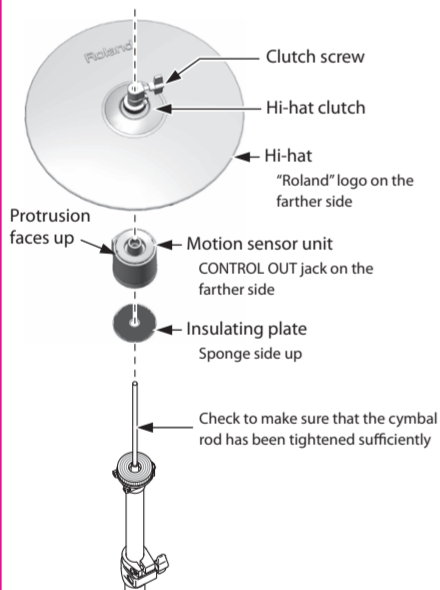
NOTE

Head tension that is too loose may not only cause incorrect operation, but may even damage the sensor.

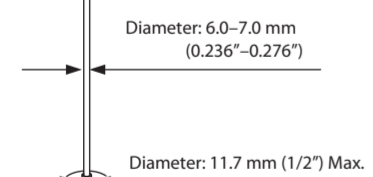
04 Attach the parts

* The parts needed to install the hi-hat and cymbals are in the respective packing cartons.

Attach the hi-hat (VH-11)



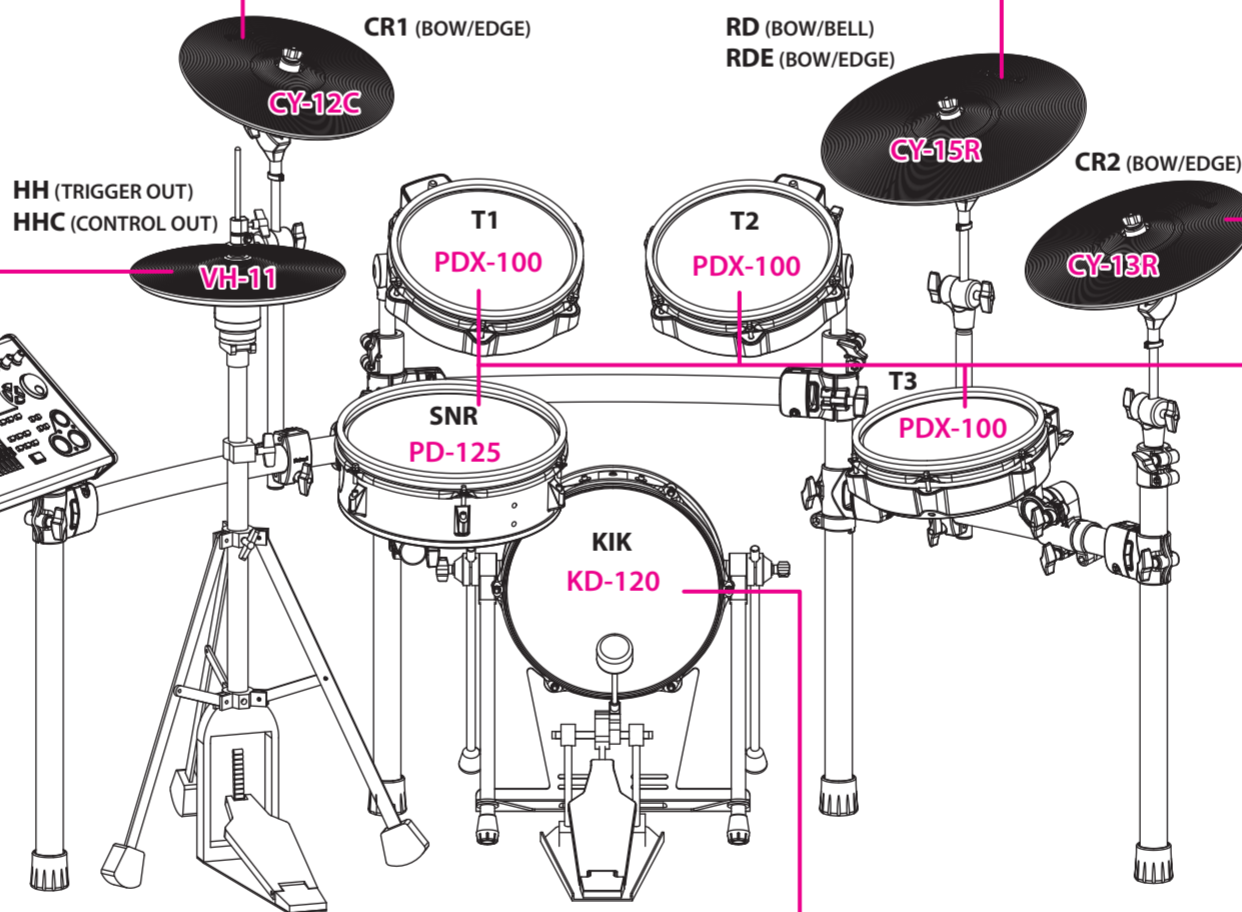
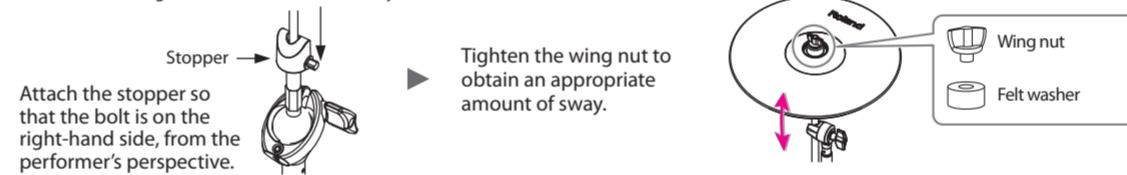
Compatible Stand



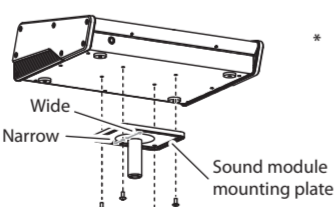
* Use a commercially available hi-hat stand.

Attach the crash cymbal (CY-12C/CY-13R) and ride cymbal (CY-15R)

Tighten the bolt with a drum key.

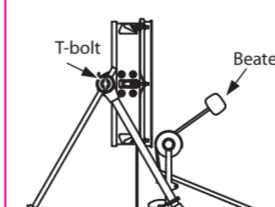


Attach the sound module (TD-30)



* The sound module mounting plate is included with the stand (MDS-25).

Adjusting the kick (KD-120)

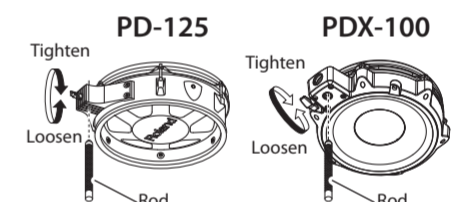


- Turn the T-bolt of the stand to adjust the leg length so that the KD-120 is stable.
- Adjust the strike position so that the beater strikes the center of the head.

NOTE

If forceful strikes on the snare cause the snare itself or the stand to shake excessively, you can use a commercially available snare stand to keep the snare from shaking. Use a snare stand that is designed for a 12-inch snare drum.

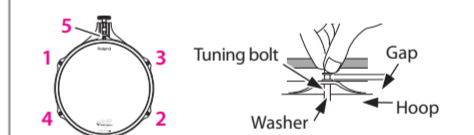
Attach the snare (PD-125) and tom (PDX-100)



Adjusting the head tension

Adjust the tension so that the pad responds to your strikes with the appropriate feel.

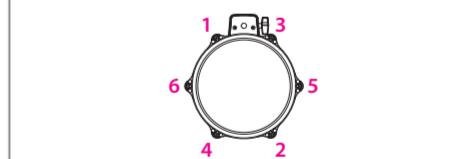
PD-125



- Finger-tighten all six of the tuning bolts in the sequence shown in the illustration.
- Use the drum key to adjust the tension as needed.

PDX-100

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



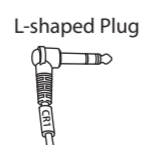
- Adjust each tuning bolt little by little, across the head as indicated in the illustration.
- Adjust the tightness of each tuning bolt so that the head is tensioned evenly.

NOTE

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.

05 Connect the pads to the sound module

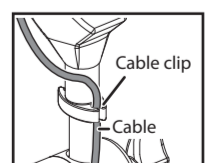
- Connect the straight plugs of the cables built into the stand (MDS-12V) to the sound module (TD-30).
- Connect the L-shaped plugs of the cables to each pad. The names on the labels correspond to trigger input jack names as follows.



Label	KIK	SNR	T1	T2	T3	HH	HHC
Jack	KICK	SNARE	TOM 1	TOM 2	TOM 3	HI-HAT	HH CTRL
Label	CR1	CR2	RD	RDE	AX1	AX2	
Jack	CRASH1	CRASH2	RIDE	EDGE	AUX 1	AUX 2	

NOTE

The CY-13R is used as the crash cymbal. Bell shots are not possible.



Use the cable clips as shown above, to secure the cables.

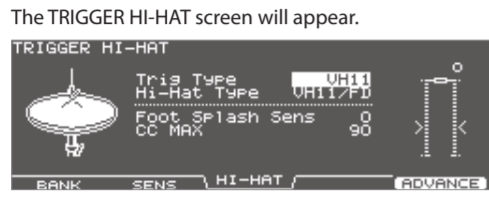
Detailed explanation of each part

VH-11 (Hi-hat)

If you're using the VH-11 V-hi-hat, execute the offset adjustment from the TD-30 after making connections. This adjustment is required in order to correctly detect open, close, and pedal operations.

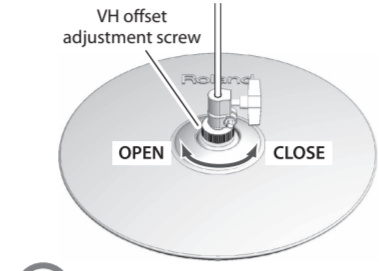
01 Adjusting the offset.

1. After making the hi-hat settings, release your foot from the pedal, and while keeping your foot off the pedal, turn on the TD-30.
2. Loosen the clutch screw and let the hi-hat rest naturally on the motion sensor unit.
3. Press the [TRIGGER] button.
4. Press the [F3] (HI-HAT) button.



5. Use the cursor button to move the cursor to "Trig Type."
6. Set the Trig Type for hi-hat to "VH11."

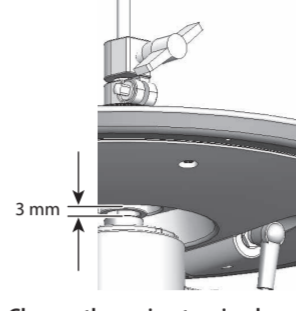
7. While reading the meter displayed on the right side of the TD-30's screen, adjust the offset with the VH-11's offset adjustment screw. Adjust the offset so that the appear in the meter.



If the closed hi-hat sound is difficult to attain, rotate the VH offset adjustment screw towards "CLOSE."
If the open hi-hat sound is difficult to attain, rotate the screw towards "OPEN."
* If the sound cuts off when you strike the hi-hat forcefully, rotate the VH Offset adjustment screw towards "OPEN."

02 Adjusting the hi-hat.

1. Adjust the gap between the metal portion in the center of the lower hi-hat and the sensor's center tip to a clearance of approximately 3 mm, then tighten the clutch screw.



* Although the gap can be adjusted to a clearance that makes playing the hi-hat easier, setting too narrow or wide a gap can cause improper function of the unit and prevent the hi-hat from sounding as you intend. Setting the gap to 3 mm provides the most natural feel when playing the VH-11.

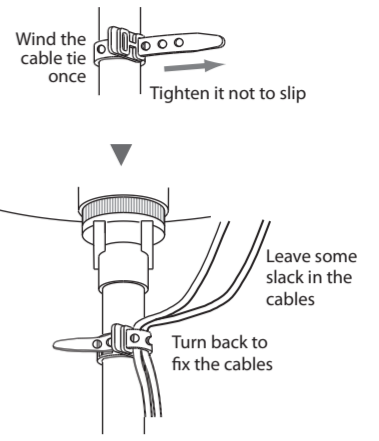
2. Change the spring tension by adjusting the hi-hat stand.

* The tension may not be adjustable on some stands.

NOTE

When performing, make sure that the name "Roland" on the hi-hat is on the opposite side of the stand from the hi-hat pedal.

Fixing the cables

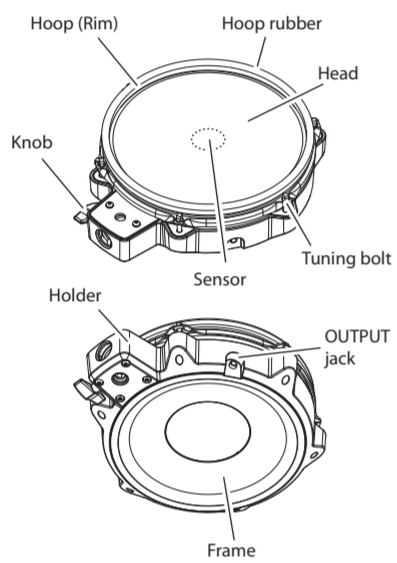


NOTE

- * Continuous playing may cause dis-coloration of the pad, but this will not affect the Pad's function.
- * If the hi-hat clutch has been detached from the hi-hat, refer to "If the Clutch Was Apart from the Hi-Hat" in the owner's manual.

PDX-100 (Tom)

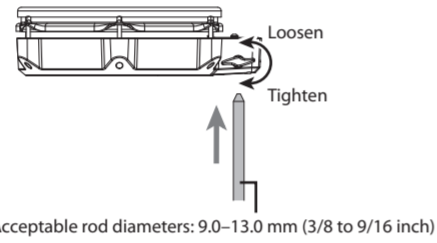
Component names



Attach the pad to a stand

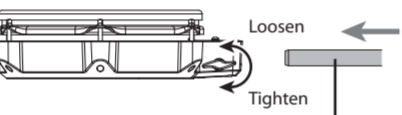
The PDX-100 can be attached to a stand that has either a vertical rod or a horizontal pipe.

Stand with vertical rod (MDS-12V)



Acceptable rod diameters: 9.0-13.0 mm (3/8 to 9/16 inch)

Stand with horizontal pipe

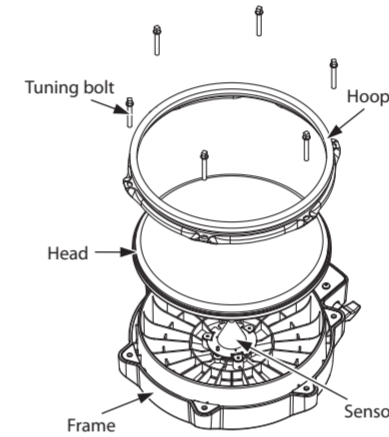


Usable pipe size: 22.2 mm (7/8 inch)

NOTE

- * Before using the pad, tighten the head so that the tension is rather firm.
- * Striking the head when the head tension is loose may damage the sensor.
- * Do not apply excessive force to the sensor located below the center of the head of the PDX-100. Doing so can interfere with accurate detection, and may damage it.
- * Due to the nature of the materials used in the sensor of the PDX-100, changes in room temperature may affect the sensitivity of the sensor.
- * 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.

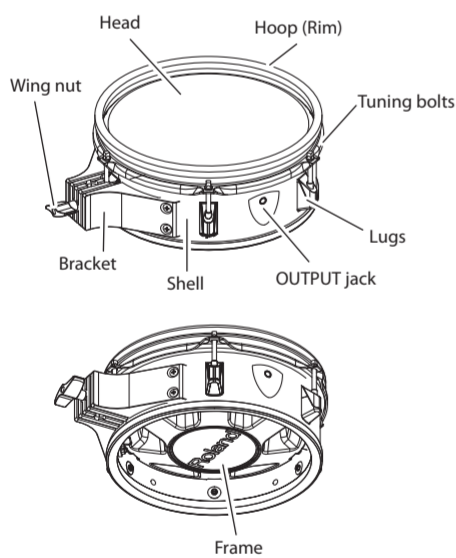
Head replacement procedure



1. Remove all tuning bolts from the PDX-100.
 2. Remove the hoop.
 3. Remove the old head, and place the new head on the frame.
 4. Place the hoop onto the head.
 5. Attach the tuning bolts to the hoop and frame.
 6. Adjust the tension of the head.
- For details, refer to the explanation on the opposite side of this leaflet.

PD-125 (Snare)

Component names



NOTE

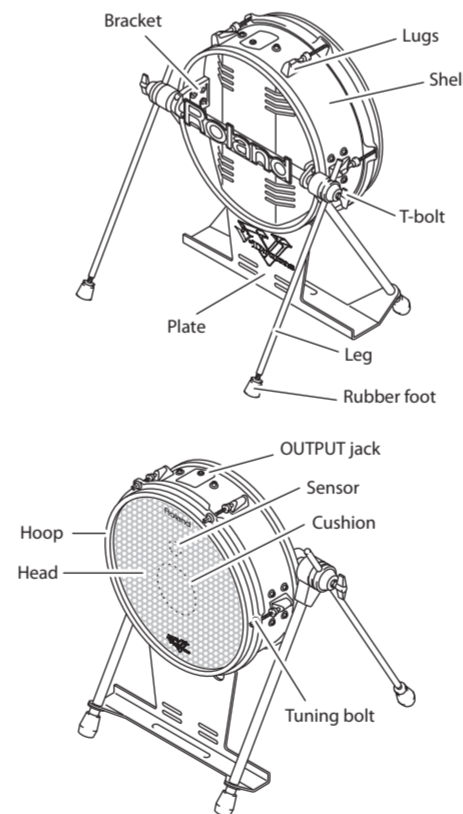
- * Be sure to adjust the head tension of the PD-125 before use.
- * Striking the head when the head tension is loose may damage the sensor and head.
- * Do not apply excessive force to the sensor located below the center of the head of the PD-125. Doing so can interfere with accurate detection, and may damage it.
- * Due to the nature of the materials used in the sensor of the PD-125, changes in room temperature may affect the sensitivity of the sensor.
- * The performance of the head and/or hoop rubber will diminish with use over time. If the head surface or the hoop rubber becomes torn, or if the head is still slack even after you've adjusted its tension, or if a malfunction occurs when you play a rim shot on the hoop, please replace the head or hoop rubber. For replacement heads or to have the hoop rubber replaced, please contact your dealer or a Roland service center.

Head replacement procedure

1. Remove all tuning bolts from the PD-125.
 2. Remove the hoop and old head.
 3. Place the new head and hoop on the shell.
 4. Install all six tuning bolts.
 5. Adjust the tension of the head.
- For details, refer to the explanation on the opposite side of this leaflet.

KD-120 (Kick)

Component names



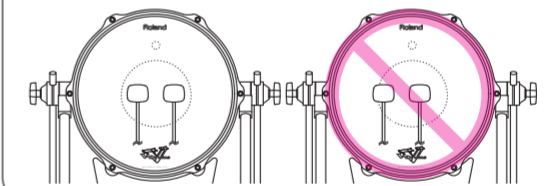
NOTE

- * Do not apply excessive force to the sensor and the cushion located below the center of the head of the KD-120. Doing so can interfere with accurate detection, and may damage it.
- * Due to the nature of the materials used in the sensor of the KD-120, changes in room temperature may affect the sensitivity of the sensor.

When using a twin pedal

With the KD-120, you can also play using a twin (double kick) pedal. Set this up so that the striking points of the two beaters fall at equal distances to the left and right of the center of the head.

- * When using a twin (double kick) pedal, as with a regular pedal, use the included beater or a plastic beater as the beater for the kick pedal.



Head replacement procedure

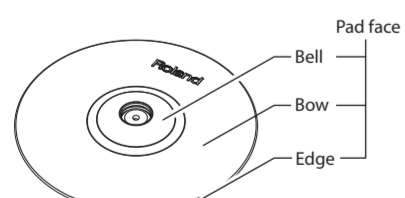
The head is an expendable item that eventually will wear out and need to be replaced. Replace the head when the following occurs: Slack portions remain in the head even when the head tension is properly adjusted.

1. Remove all tuning bolts from the KD-120. Go around and loosen each bolt a little at a time by turning it counter-clockwise.
 2. Remove the hoop.
 3. Remove the old head.
 4. Place the new head on the shell.
 5. Place the hoop on the head.
 6. Install all six tuning bolts.
 7. Adjust the tension of the head.
- For details, refer to the explanation on the opposite side of this leaflet.

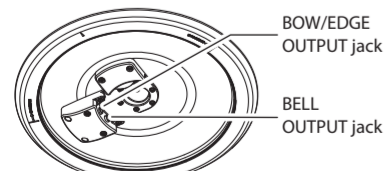
CY-15R (Ride)

CY-12C/CY-13R (Crash)

CY-13R/CY-15R Component names

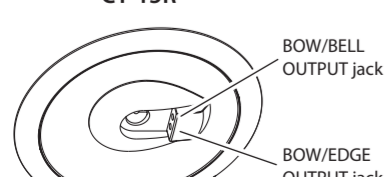


CY-13R

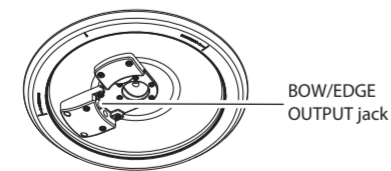
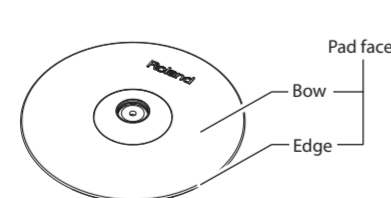


* The CY-13R is used as the crash cymbal. The BELL OUTPUT jack is not used.

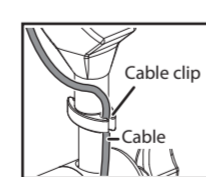
CY-15R



CY-12C Component names



Fixing the cables



Use the cable clips as shown above, to secure the cables.

NOTE

Continuous playing may cause dis-coloration of the pad, but this will not affect the Pad's function.

Specifications

KD-120 (V-Kick)	
Pad size	12 inches
Dimensions	490 (W) x 400 (D) x 500 (H) mm 19-5/16 (W) x 15-3/4 (D) x 19-11/16 (H) inches
Weight	6.8 kg / 15 lbs
PD-125 (V-Pad)	
Pad size	12 inches
Triggers	2 (Head, Rim)
Dimensions	330 (W) x 420 (D) x 112 (H) mm 13 (W) x 16-9/16 (D) x 4-7/16 (H) inches
Weight	2.8 kg / 6 lbs 3 oz
PDX-100 (V-Pad)	
Pad size	10 inches
Triggers	2 (Head, Rim)
Dimensions	310 (W) x 325 (D) x 90 (H) mm 12-1/4 (W) x 12-13/16 (D) x 3-9/16 (H) inches
Weight	1.8 kg / 4 lbs

CY-13R (V-Cymbal Ride)	
* The CY-13R is used as the crash cymbal.	
Size	13 inches
Trigger	3 (Bow, Bell, Edge)
Connectors	BELL OUTPUT jack, BOW/EDGE OUTPUT jack
Dimensions	331 (W) x 331 (D) x 48 (H) mm 13-1/16 (W) x 13-1/16 (D) x 1-15/16 (H) inches
Weight	1.1 kg / 2 lbs 7 oz

CY-12C (V-Cymbal Crash)	
Size	12 inches
Trigger	2 (Bow, Edge)
Connectors	BOW/EDGE OUTPUT jack
Dimensions	305 (W) x 305 (D) x 45 (H) mm 12-1/16 (W) x 12-1/16 (D) x 1-13/16 (H) inches
Weight	940 g / 2 lbs 2 oz

CY-15R (V-Cymbal Ride)	
Size	15 inches
Trigger	3 (Bow, Bell, Edge)
Connectors	BOW/BELL OUTPUT jack, BOW/EDGE OUTPUT jack
Dimensions	376 (W) x 376 (D) x 50 (H) mm 14-13/16 (W) x 14-13/16 (D) x 2 (H) inches
Weight	1.6 kg / 3 lbs 9 oz

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