



## 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.

\* A Phillips screwdriver (#2) is required to assemble this product, available separately.

**Time required: approx. 30 min.**

### TD516

- V51 (Drum sound module) x 1
  - Sound module mounting plate set x 1
- PD-140DS (Digital snare) x 1
- CY-18DR (Digital ride) x 1
- VH-14D (Digital hi-hat) x 1
- PD-10P (V-Pad for tom 1, 2) x 2
  - Knob bolt
- PD-12P (V-Pad for tom 3) x 1
  - Knob bolt
- CY-12C-T (V-Cymbal for crash 1) x 1
- CY-14R-T (V-Cymbal for crash 2) x 1

- Owner's Manuals
- TD516 Setup Guide (this document)
  - V51 Quick Start
    - Roland Cloud Connect Setup Guide
  - PD-140DS Owner's Manual
  - CY-18DR Owner's Manual
  - VH-14D Owner's Manual
  - PD-12P/PD-10P Owner's Manual
  - CY-14R-T/CY-12C-T Owner's Manual

- Cables
- Dedicated connection cable x 1 (Packed with the V51)
  - Connection cable x 3 (Packed in the respective cartons of the PD-140DS, CY-18DR, and VH-14D)
  - V51, PD-12P, PD-10P, PD-140DS, CY-18DR, and VH-14D accessories are in the respective packing cartons.

### KD-12 (Kick pad)

- KD-12 (Kick Pad) x 1
- KD-12 Owner's Manual
  - Kick drum patch
  - Anti-slip sheet

- Drum Key x 1
- Trigger cable (Crash 2)

### MDS-Standard3

\* For the items included with the stand (MDS-Standard3), refer to the owner's manual when checking that all items are included.

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

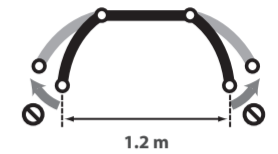
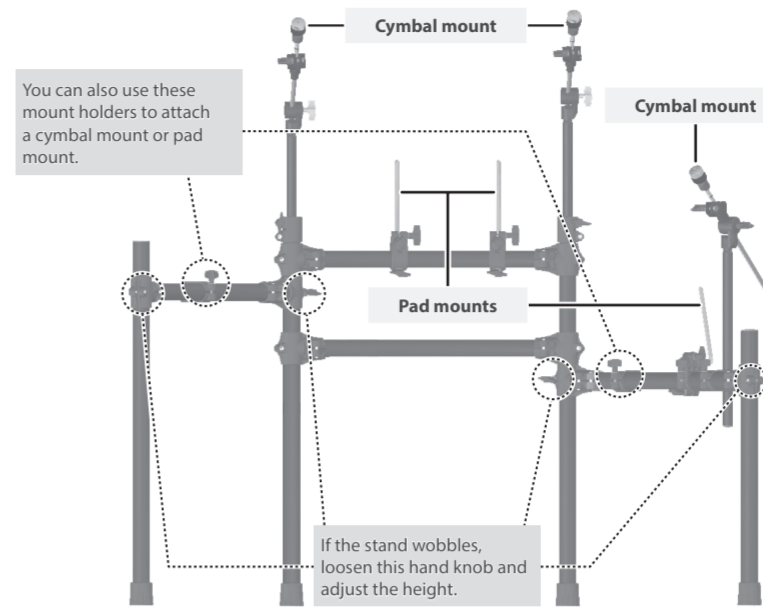
## 02 Assemble the stand

Assemble the stand (MDS-Standard3) following the procedure described in the owner's manual.

- The tip of the mount is sharp. Handle it with care.
- When setting up or storing the stand, be careful not to pinch the fingers you use to handle the stand.
- Make sure that the four vertical stand pipes are standing upright.
- Remove the snare pipe.

**Time required: approx. 40 min.**

Watch the video manual  
Also, watch the video manual for how to assemble this stand.



\* For reasons of safety, do not spread the stand wider than 1.2 meters.

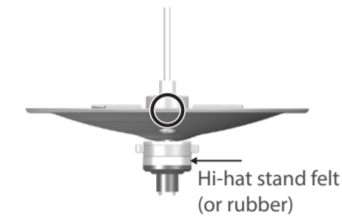
## 03 Assemble the hi-hat (VH-14D)

Assemble the hi-hat using the procedure described in "VH-14D Owner's Manual".

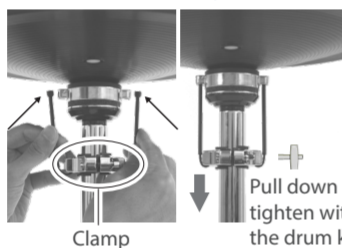
**Time required: approx. 10 min.**



- Place the bottom cymbal on the hi-hat stand with the cymbal rod passing through the bottom cymbal hole.



- Pass the ends of the clamp through the grooves in the metal portion of the bottom cymbal, then while strongly pulling the clamp downward, secure it with the drum key.



- Connect the link cables A/B on the top cymbal to the link jacks A/B of the bottom cymbal.

View from the side



\* Don't pull the link cables too hard when assembling this product.

\* Make sure that both the top cymbal and bottom cymbal can be opened and closed smoothly.

## 04 Assembling the kick (KD-12)

Assemble the kick pad using the procedure described in "KD-12 Owner's Manual".

**Time required: approx. 10 min.**

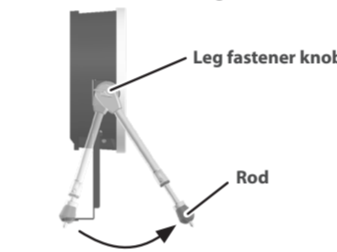
### NOTE

During assembly, take care that the weight of the kick drum does not pinch your hand or foot. Take care not to pinch your fingers.

- Follow the instructions in the KD-12 Owner's Manual to apply the anti-slip sheet.

- With the unit assembled, loosen the leg fastener knob, adjust the angle of the leg and then tighten the leg fastener knob.

Using a drum key, to adjust the length of the rods so that the left and right are the same length.

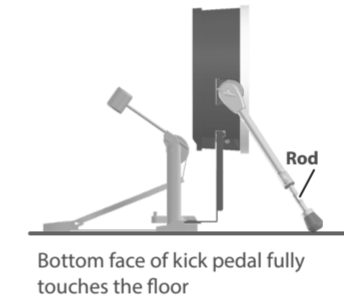


### Reference

For details on the kick and double kick pedals, refer to "KD-12 Owner's Manual".

- Attach the kick pedal.

Adjust the rod length so that the kick pedal touches the floor.

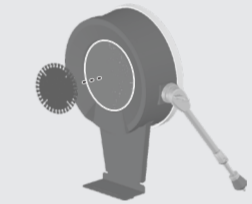


Bottom face of kick pedal fully touches the floor

### Using a felt beater

- To protect the batter head pad face, be sure to apply the included kick drum patch to the pad face.

When using a non-felt beater, you can keep using the pad normally with the patch still on.



\* If you wish to remove the marks (adhesive) that remain after you peel off the patch, wipe them off with a cloth and rubbing alcohol.

\* Do not use rubbing alcohol on any other parts besides the batter head pad face. Using rubbing alcohol on plastic or wooden parts may cause discoloration or damage.

## 05 Attach the parts

For details on each component, refer to the respective owner's manual.

\* Before attaching the parts, make sure that the four vertical stand pipes are standing upright.

**Time required: approx. 30 min.**

### 6 Attaching the drum sound module (V51)

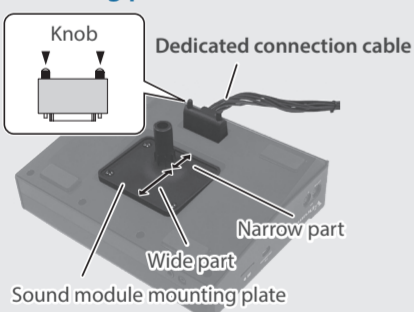
- Attach the sound module mounting plate that's included with the drum sound module to the stand.

- Remove the sound module mounting plate from the sound module mounting plate set.

- Flip the drum sound module over.

\* When turning the unit over, be careful so as to protect the buttons and knobs from damage.

- Remove the screws on the bottom of the drum sound module, and attach the sound module mounting plate to the drum sound module.



- Attach the dedicated connection cable that's included with the drum sound module to the drum sound module (bottom side).

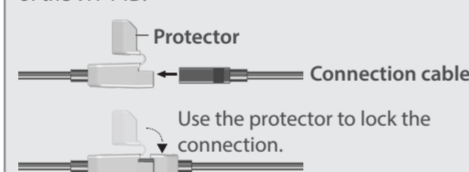
Insert the connector all the way, then turn the knobs to fasten them securely.

- Rotate the mount holder as shown in the illustration, then insert the sound module mounting plate into the mount holder to fasten it.



### 5 Setting up the hi-hat (VH-14D)

Insert the plug of the connecting cable included with the VH-14D into the DIGITAL TRIGGER OUT jack of the VH-14D.



Use the protector to lock the connection.



\* While playing, the "●" (round dot) marks on the top and bottom cymbals should be lined up, as shown in the illustration. The product may not work correctly if the marks aren't lined up.

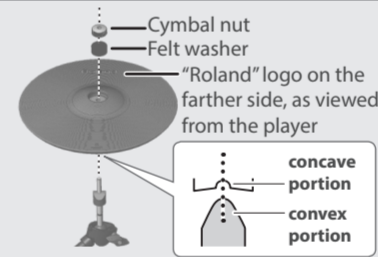
\* "Roland" logo on the farther side, as viewed from the player.

### 3 Attach the crash cymbal (CY-12C-T / CY-14R-T) and ride cymbal (CY-18DR)

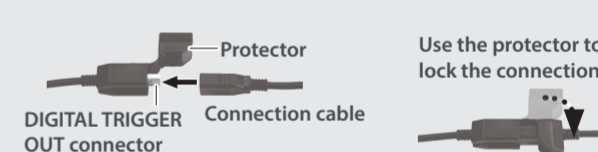
- Position the cymbal so that the convex portion of the cymbal mount is aligned with the concave portion of the bottom of the cymbal.

- Tighten the cymbal nut to obtain an appropriate amount of sway.

\* Use the cymbal nut and felt washer that are included with the drum stand.

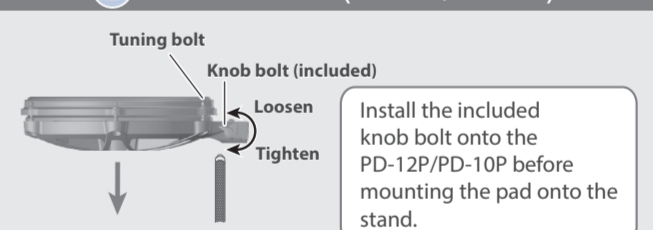


Insert the plug of the connection cable into the CY-18DR's DIGITAL TRIGGER OUT connector.



Use the protector to lock the connection.

### 2 Attach the toms (PD-10P/PD-12P)



#### Adjusting the head tension

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

\* 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 "V51 Quick Start".

### Adjusting the position of the cymbal

Adjust the height of the rod so that the highest point of the cymbal is less than 1.2 meters.



\* Adjust the cymbal positions as shown below, as it is very dangerous if the stand falls over.

Attach the cymbal so that its center does not extend toward the back beyond the pipes of the stand (the pipes at the back of the stand).

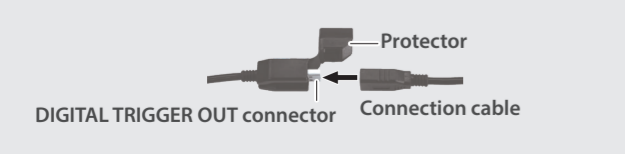


### 4 Mounting the snare (PD-140DS) on a snare stand

The PD-140DS can only be used with a commercially available snare stand.

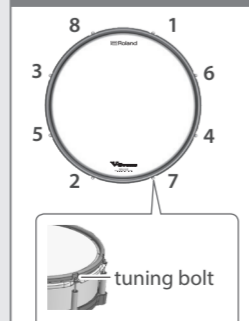
\* Make sure that the snare stand you are using is able to support a 14-inch shell.

Insert the plug of the connection cable into the PD-140DS's DIGITAL TRIGGER OUT connector.



Use the protector to lock the connection.

#### Adjusting the head tension



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

- Adjust each tuning bolt little by little, across the head as indicated in the illustration.

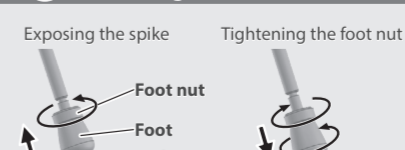
- Adjust the tightness of each tuning bolt so that the head is tensioned evenly.

### 1 Installing the kick (KD-12)

- Adjust the tip of the legs (spike/rubber) appropriately for the surface on which you're placing the KD-12.

|            |   |
|------------|---|
| Soft floor |   |
| Spike      | V-Drums mat (TDM series), carpet, etc.    |
| Rubber     | Hard floor, Wood flooring, concrete, etc. |

If you loosen the foot nut and rotate the foot to raise it, the spike will be exposed. Tighten the foot nut to secure the position of the foot.



- The tip of the spike is sharp; handle it with care.
- Using the spike leg tips on wood flooring may damage the floor; the rubber leg tips should be used on wood flooring.

- Adjust the beater position.

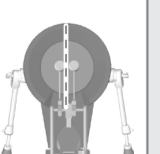
Adjust the length of the beater so that the beater strikes the center of the pad face.

### Using double kick pedals

The KD-12 can also be used with a twin (double) kick pedal.

Adjust the striking points of the two beaters so that they are at equal distances to the left and right of the center of the head.

Refer to the "KD-12 Owner's Manual" for details.



## 06 Connect the pads to V51

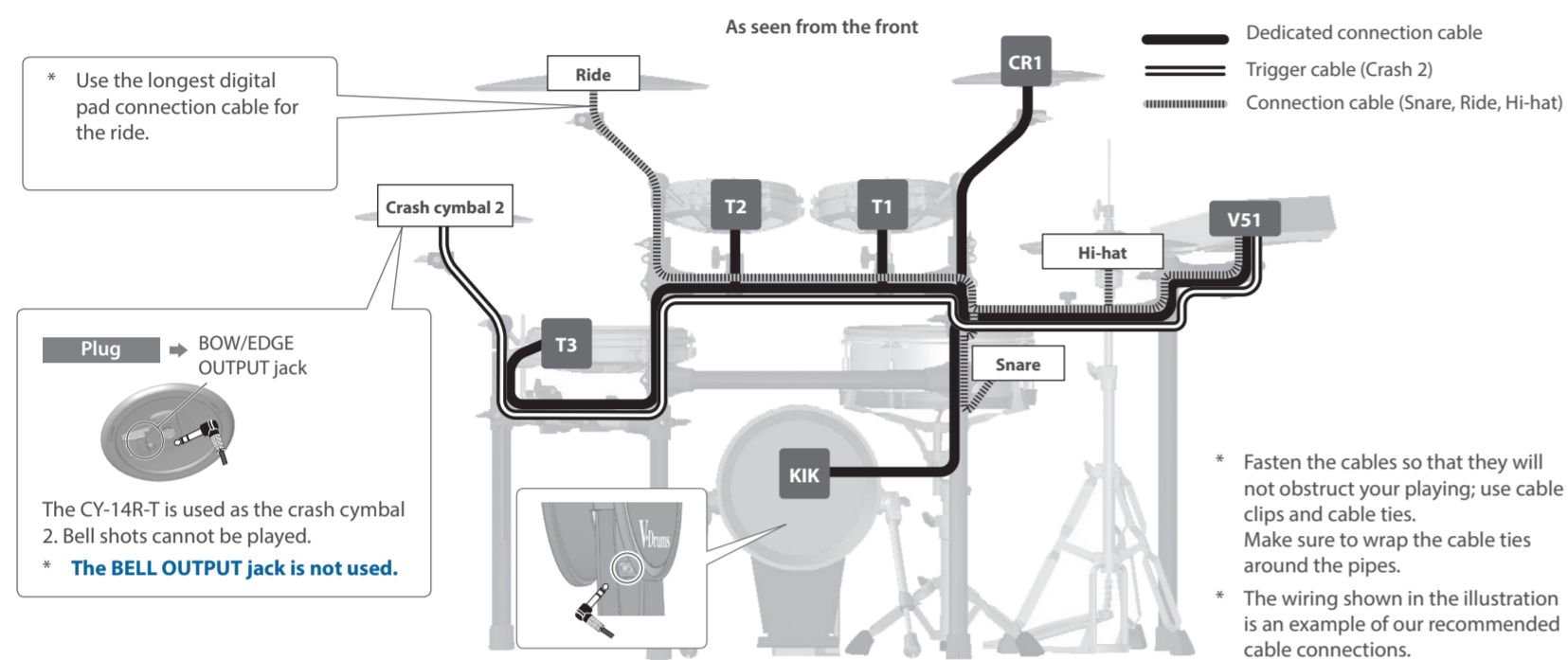
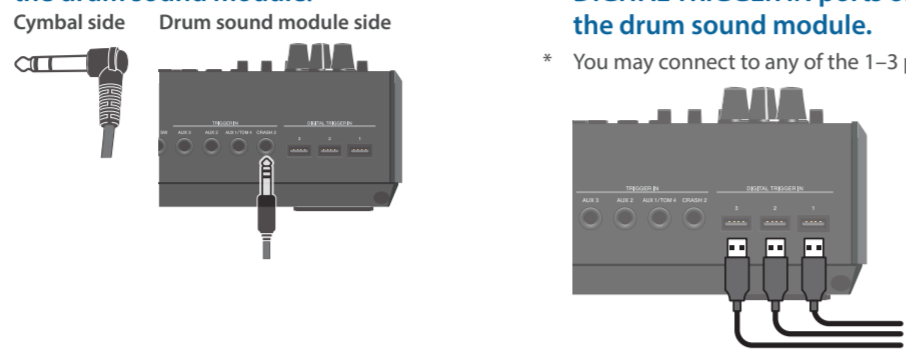
\* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

Time required: approx. 10 min.

- Labels indicating the pad to be connected are attached to the cable. Connect the cable to the OUTPUT jack of each pad as shown in the illustration.
- Use the trigger cable included with the kick pad to connect crash cymbal 2 to the CRASH 2 jack on the rear panel of the drum sound module.
- Using the included connection cables, connect the snare (PD-140DS), ride (CY-18DR) and hi-hat (VH-14D) to the DIGITAL TRIGGER IN ports on the back of the drum sound module.

\* You may connect to any of the 1-3 ports.

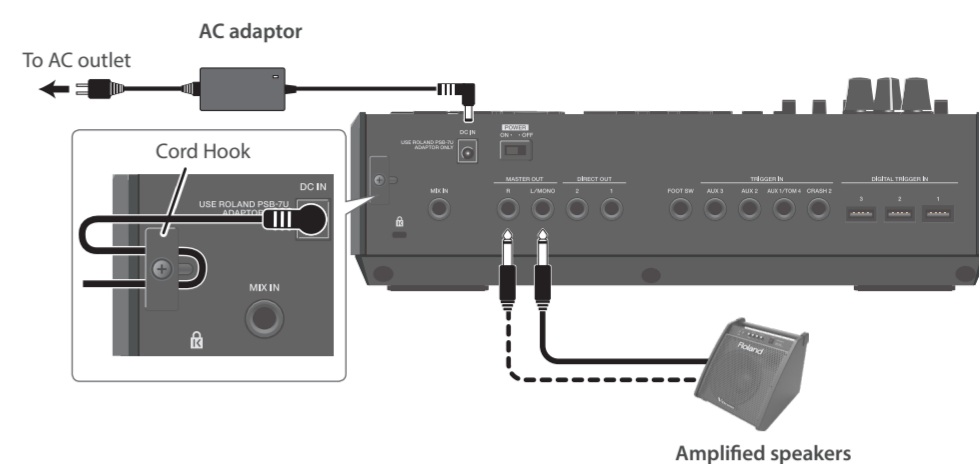
- Insert the plug firmly, making sure it's all the way in.
- Some cable plugs come with protective caps. Remove the caps before connecting the cables to the pads.



## 07 Connect the AC adaptor and speakers

Connect the AC adaptor, amplified speakers, or headphones as described in the V51 Owner's Manual.

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

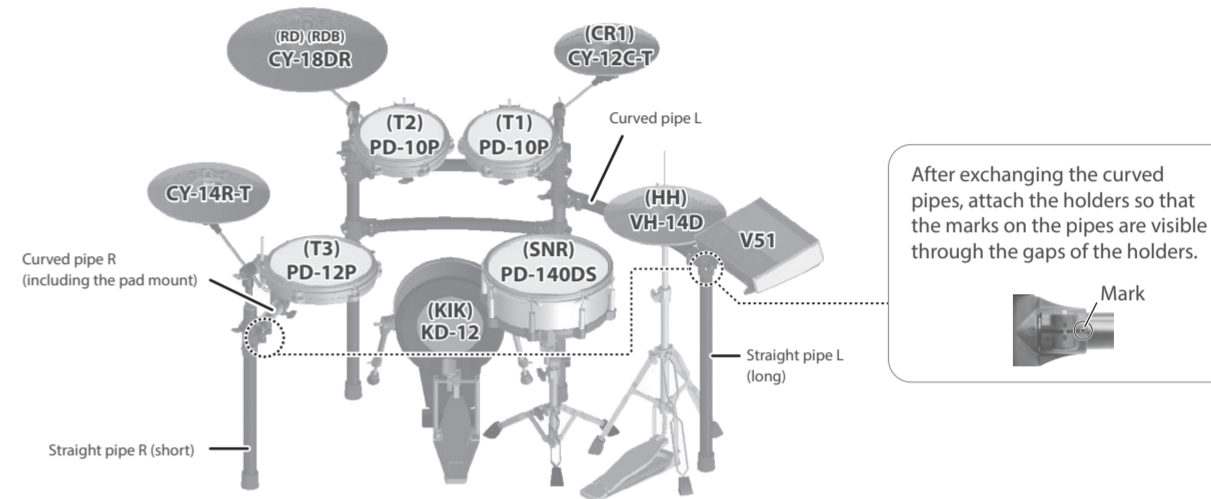


### For a left-handed setup

The setup described in this Setup Guide is for right-handed players.

To set up for a left-handed player, attach the components as shown in the illustration.

Refer to the "MDS-Standard3 Owner's Manual" that's included with this product to learn how to assemble the stand for use in left-handed playing.



Now you've finished with the setup.

Once you can hear the sounds you play, install the "Roland Cloud Connect" app!

This lets you add world-famous drum kits like the DW, as well as kits that reproduce the sounds of famous rock, metal and pop songs by adding sounds from the mobile app to the sound module.

With the sounds you like, you're sure to become even more immersed in your drum playing.

These drum contents are released regularly, so we hope you'll use these sounds to open up new possibilities in your life when playing the drums!

Refer to the "Roland Cloud Connect Setup Guide" (separate document) for how to install the app.



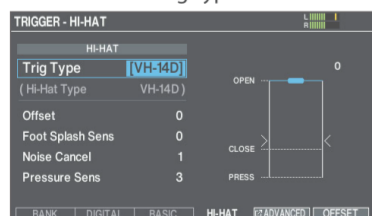
## Adjust the hi-hat (VH-14D)

### Adjusting the offset

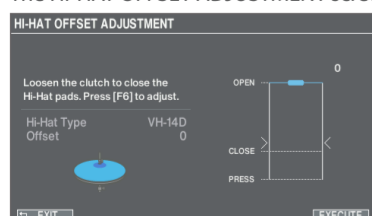
When using the VH-14D, be sure to adjust the offset and hi-hat on the V51 after connecting. This adjustment is required in order to correctly detect open, close, and pedal operations.

- Press the V51's [SETUP] button.
- Use the cursor buttons to select "TRIGGER" and press the [ENTER] button.

- Press the [F4] (HI-HAT) button. The TRIGGER - HI-HAT screen appears. Make sure that Trig Type is set to "VH-14D".

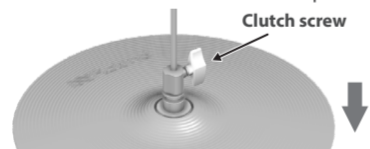


- Press the [F6] (OFFSET) button. The HI-HAT OFFSET ADJUSTMENT screen appears.

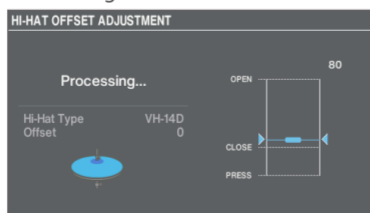


- Loosen the clutch screw of the top cymbal and let it sit on the bottom cymbal.

\* Do NOT touch the hi-hats or the pedal.



- Press the [F6] (EXECUTE) button. "Processing..." is shown once calibration begins.



"Complete!" is shown once calibration is finished, and the display returns to the TRIGGER screen.

- Press the [KIT] button to return to the KIT screen.

### Adjusting the hi-hat

- Adjust the gap between the top cymbal and bottom cymbal to a clearance of approximately 10 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 10 mm provides the most natural feel when playing the VH-14D.

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

For instructions on adjusting the tension, refer to the owner's manual for your hi-hat stand.

\* If the spring tension is too high or too low, the hi-hat may not operate correctly and you might not be able to play the way you intended.

\* The tension may not be adjustable on some stands.

### Fixing the cables

Leave some slack in the cable

Secure the cable in place with the cable tie



- Wind a cable tie around a cable. Be sure to make this small plastic hook visible from you.
- Wind a cable tie around the pipe and tighten it in order not to slip. Insert the small plastic hook to a hole to secure the cable to the cymbal arm.

### When Not Playing

When you're not playing, secure the top cymbal and bottom cymbal so that they are separated by at least 10 mm of space. Malfunction may occur if they are not separated.



10 mm or more



### NOTE

- Continuous playing may cause dis-coloration of the pad, but this will not affect the Pad's function.
- See the "VH-14D Owner's Manual" for details on the hi-hat.