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## 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.

### TD-27KV2 (Drum Set)

- TD-27 (Drum sound module) x 1
- PD-140DS (Digital snare) x 1
- CY-18DR (Digital ride) x 1
- VH-14D (Digital hi-hat) x 1
- KD-10 (Kick Pad) x 1
- PDX-100 (V-Pad) (tom1, 2, 3) x 3
- CY-12C-T (V-Cymbal for crash 1) x 1
- CY-14C-T (V-Cymbal for crash 2) x 1

#### Owner's Manuals

- TD-27KV2 Setup Guide (this document)
- TD-27 Quick Start
- PD-140DS Owner's Manual
- CY-18DR Owner's Manual
- VH-14D Owner's Manual
- KD-10 Owner's Manual
- PDX-100 Owner's Manual
- CY-12C-T Owner's Manual
- CY-14C-T Owner's Manual

\* The TD-27/PD-140DS/CY-18DR/VH-14D accessories are in the respective packing cartons.

#### Cables

- Cables
- Dedicated connection cable x 1 (Packed with the TD-27)
- Trigger cable x 1
- Connection cable x 3 (Packed in the respective cartons of the PD-140DS, CY-18DR and VH-14D)

### MDS-Standard 2 (Drum Stand)

- \* When checking the items included with the drum stand, refer to "MDS-Standard 2 Owner's Manual".

\* 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.

\* The drum key used to attach the pads is inside the packing carton of the drum sound module.

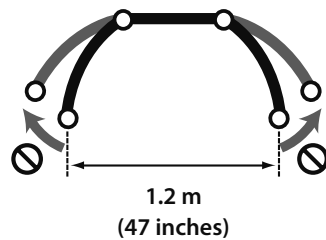
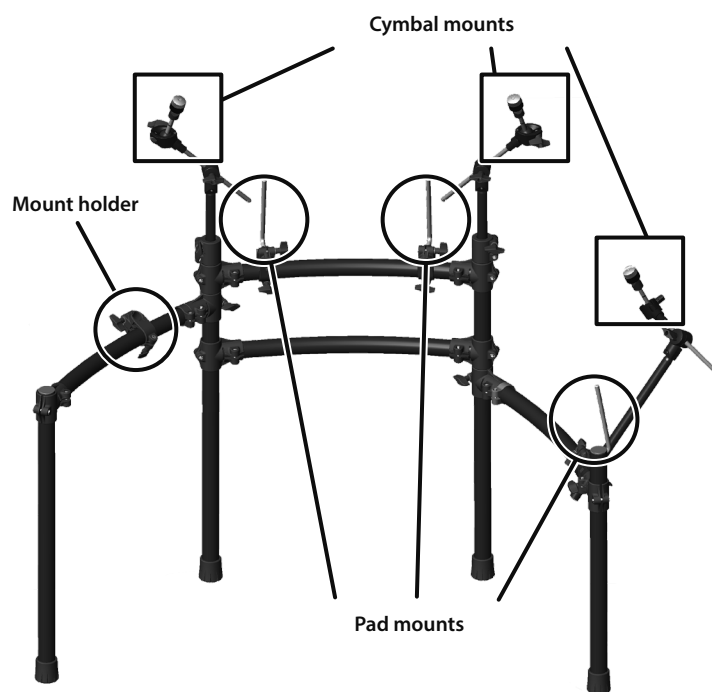
2

## Assemble the drum stand (MDS-Standard 2)

### Assembly procedure

Assemble the drum stand using the procedure described in "MDS-Standard 2 Owner's Manual".

- \* This drum set illustration is for a right-handed player. If you want to set up for a left-handed player, assemble it as described in "Assembly for a left-handed player" in "MDS-Standard 2 Owner's Manual".



\* For reasons of safety, do not spread the drum stand wider than 1.2 meters (47 inches). Doing so can cause the stand to fall over.

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

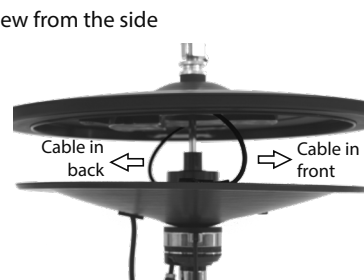
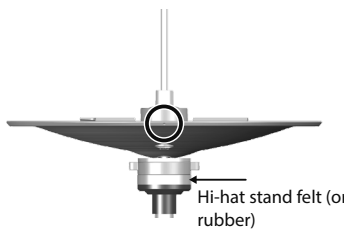
### Assembly procedure

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

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

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

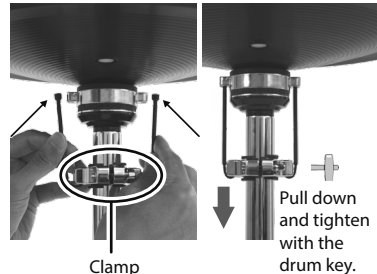
View from the side



2. 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.

\* 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.



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## Assembling the Kick (KD-10)

### Assembly procedure

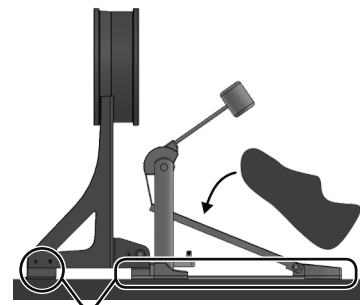
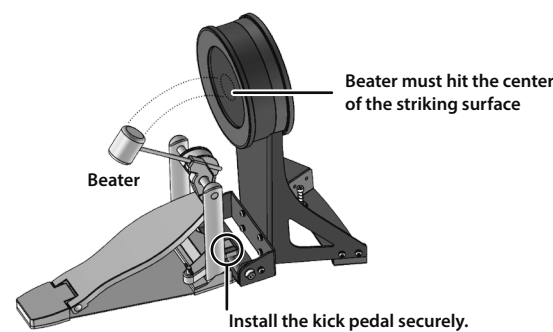
1. Attach the kick pedal (commercially available) to the KD-10.

Position the beater so that it strikes the center of the head, then secure the kick pedal and KD-10 firmly in place.

\* Take care not to pinch your fingers.

2. Step on the kick pedal and make sure that it's properly attached and in a stable position.

Check to make sure that the KD-10 and the kick pedal both make contact with the floor.



#### Reference

For details on the kick, refer to "KD-10 Owner's Manual".

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## Attaching Various Parts to the Drum Stand

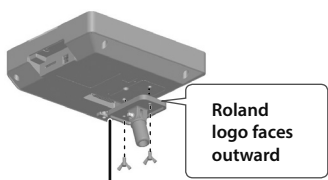
Use the included drum key to attach the various parts.

\* The settings explained in this guide are for a right-handed player. If you want to set up for a left-handed player, refer to "Assembly for a Left-Handed Player" in the next page.

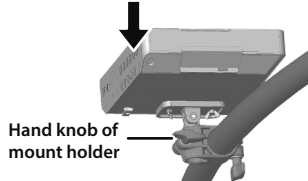
\* For details on each part, refer to the owner's manual of each part.

### Attach the drum sound module (TD-27)

1. Use the included wing bolts to attach the sound module mounting plate to the drum sound module.



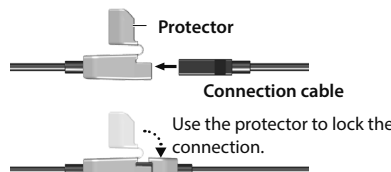
2. Loosen the hand knob of the drum stand mount holder, and insert the sound module mounting plate.



3. Using the drum key included with the drum sound module, adjust the angle of the sound module mounting plate.

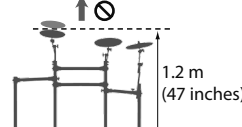
### Setting up the hi-hat (VH-14D)

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

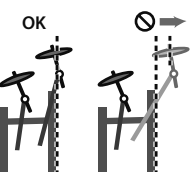


### Adjusting the position of the cymbal

Adjust the height of the rod so that the highest point of the cymbal is less than 1.2 meters (47 inches).



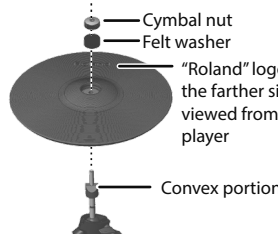
Attach the cymbal so that its center does not extend toward the back beyond the pipes of the stand (the pipes at the back of the stand).



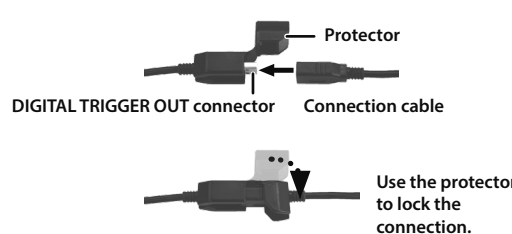
### Attach the crash cymbal (CY-12C-T / CY-14C-T) and ride cymbal (CY-18DR)

1. Position the cymbal so that the convex portion of the cymbal mount is aligned with the concave portion of the bottom of the cymbal.
2. Tighten the cymbal nut to obtain an appropriate amount of sway.

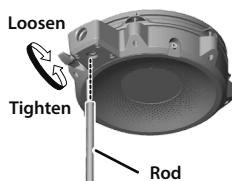
\* Use the cymbal nut and felt washer that are included with the drum stand.



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



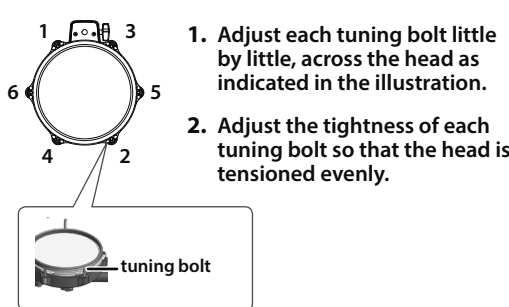
### Attach the toms (PDX-100)



### 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.



#### 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.

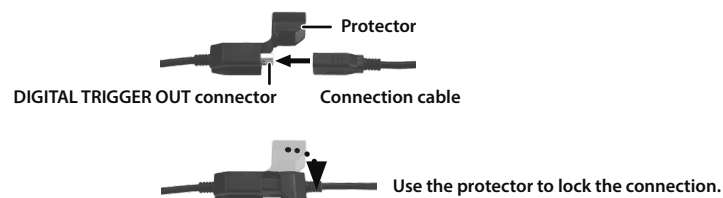
Pitch adjustments are made by editing the sound in your drum sound module. For details, refer to the "TD-27 Quick Start".

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

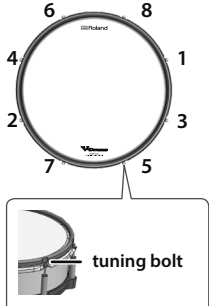
The PD-140DS can only be used with a commercially available snare stand.

\* 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.



### Adjusting the head tension



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

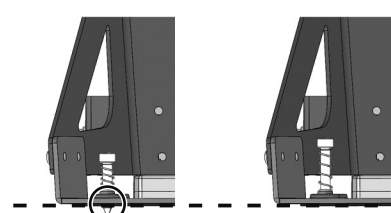
1. Adjust each tuning bolt little by little, across the head as indicated in the illustration.
2. Adjust the tightness of each tuning bolt so that the head is tensioned evenly.

### Installing the kick (KD-10)

If you're using this unit on a V-Drums mat, on a Noise Eater (NE-10), or on carpet, extending the anchor bolts will secure the unit in place, making it easier for you to perform.

\* When used on flooring, the anchor bolts may damage the floor.  
\* The tips of the anchor bolts are sharp. Handle with care.

### Adjusting the anchor bolts



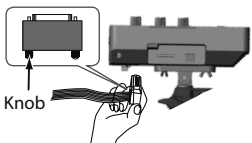
## 6 Connect the pads to the drum sound module

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

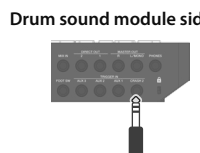
### Connection procedure

1. Connect the dedicated connection cable to the TRIGGER INPUT connector on the bottom panel of the drum sound module.

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



3. Using the included trigger cable, connect crash 2 to the CRASH 2 jack of the TRIGGER IN jack on the back panel of the drum sound module.



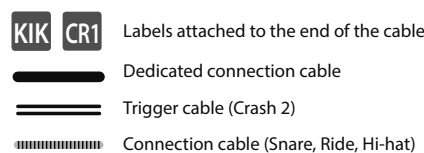
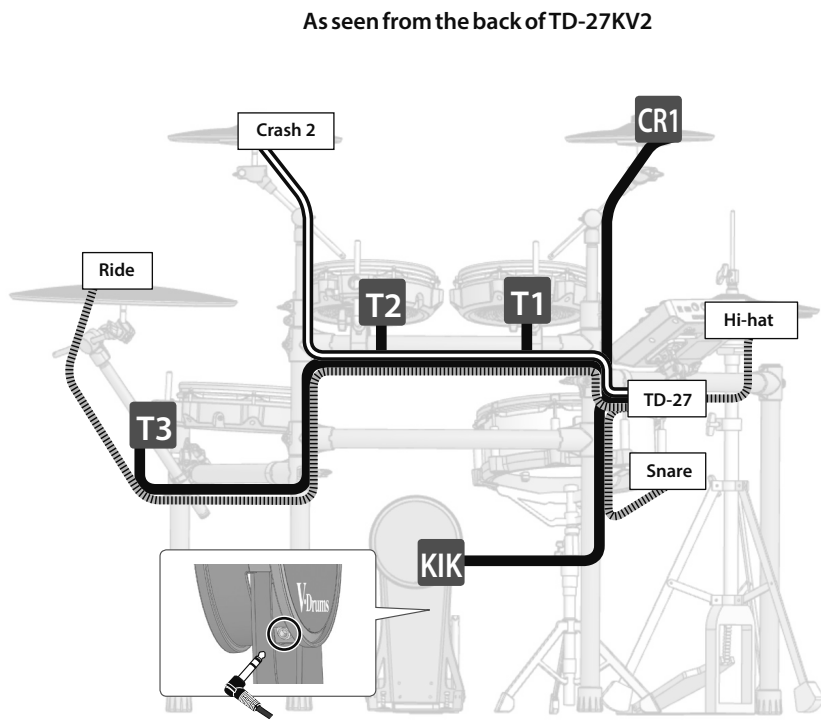
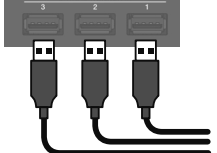
2. Labels indicating the pad to be connected are attached to the cable. Connect the cable to the OUTPUT jack of each pad as shown in the illustration at right.



\* Insert the plug firmly, making sure it's all the way in.

4. Using the included connection cables, connect the snare (PD-140DS), ride (CY-18DR) and hi-hat (VH-14D) to the DIGITAL TRIGGER IN ports of the drum sound module.

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



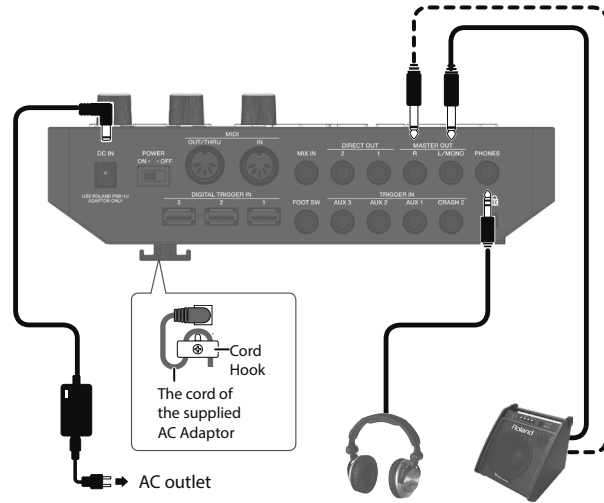
Fasten the cables so that they will not obstruct your playing; use cable clips and cable ties. Make sure to wrap the cable ties around the pipes.

## 7 Connect the AC adaptor and speakers

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

Connect the AC adaptor, headphones, or speakers.

\* Use the cord hook located on the bottom of the unit to secure the AC adaptor cord as shown in the illustration.



## Assembly for a Left-Handed Player

The settings explained in this guide are for a right-handed player. If you want to set up for a left-handed player, assemble the drum stand according to the procedure described in "Assembling the stand for a left-handed player" in the "MDS-Standard 2 Owner's Manual". Also, install the pads as shown in the Figure A.

- Connect the cables to the OUTPUT jack of each pad as shown in the Figure B.
- Using the included trigger cable, connect crash 2 to the CRASH 2 jack of the drum sound module.

Figure A: Setting for a Left-Handed Player

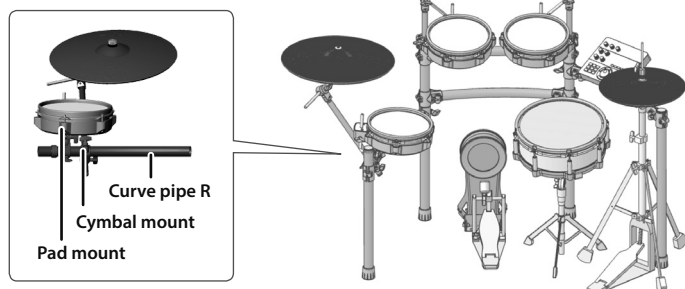
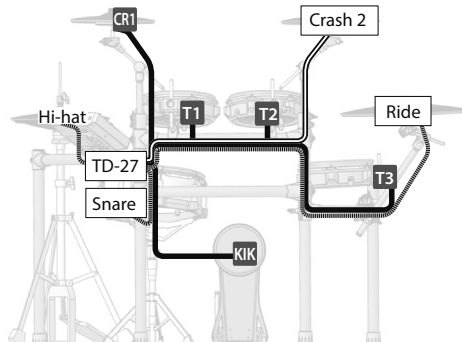


Figure B: As seen from the back of TD-27KV2



## This completes assembly and connections.

■ When you've finished making connections, turn on the power as described in "TD-27 Quick Start", and verify that you can hear sound.

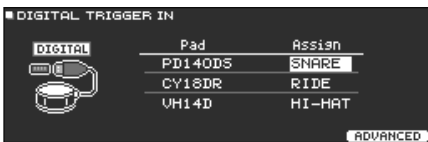
### ■ Set the snare (PD-140DS), the ride cymbal (CY-18DR) and the hi-hat (VH-14D)

The first time you connect the PD-140DS, CY-18DR and VH-14D to the DIGITAL TRIGGER IN port, the following screen will appear. As directed in the screen, assign the PD-140DS as snare, assign the CY-18DR as ride, and assign the VH-14D as hi-hat.



\* If you specify the same trigger input as a pad that is connected to a dedicated connection cable or TRIGGER IN jack, the pad that's connected to that TRIGGER INPUT jack and TRIGGER IN jack won't produce sound.

1. Use the cursor buttons to select "OK", and press [ENTER] button.



2. Use the cursor buttons to select "PD140DS", "CY18DR", or "VH14D".

3. Use the dial to specify the Assign.

\* You can't specify the same assignment multiple times.

### Setting example

Pad	Assign
PD140DS	SNARE
CY18DR	RIDE
VH14D	HI-HAT

4. Press the [DRUM KIT] button to return to the DRUM KIT screen.

This completes settings.

### ■ Adjust the hi-hat (VH-14D)

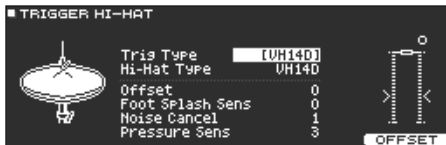
When using the VH-14D, be sure to adjust the offset and hi-hat on the TD-27 after connecting. This adjustment is required in order to correctly detect open, close, and pedal operations.

#### Adjusting the offset

1. Press the [SYSTEM] button.
2. Use the cursor buttons to select "TRIGGER", and then press the [ENTER] button.
3. Use the cursor buttons to select "HI-HAT", and then press the [ENTER] button.

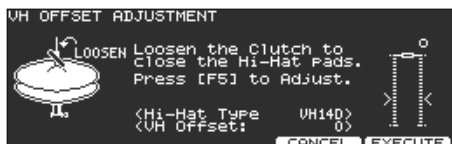
The TRIGGER HI-HAT screen appears.

\* "VH-14D" is not shown as a Trig Type when the VH-14D is not connected or if it is not assigned as the hi-hat. In this case, connect the VH-14D and assign it as the hi-hat.



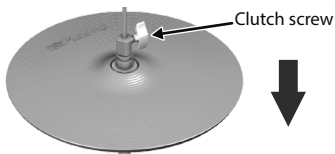
4. Press the [F5] (OFFSET) button.

The VH OFFSET ADJUSTMENT screen appears.



5. 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.



6. Press the [F5] (EXECUTE) button.

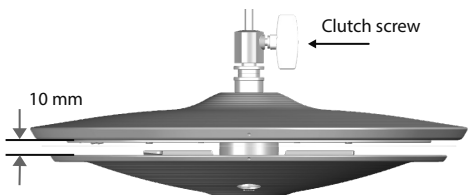


The "VH Offset" parameter is set automatically (approx. 3 seconds).

7. Press the [KIT] button to return to the DRUM KIT screen.

#### Adjusting the hi-hat

1. 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.

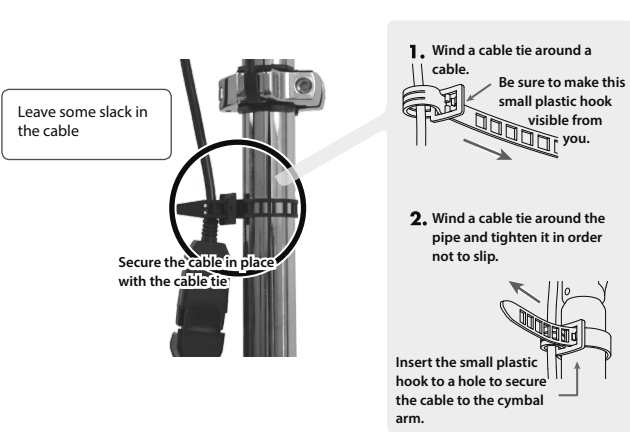
2. Change the spring tension by adjusting the hi-hat stand.

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



#### 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.

## 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 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 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 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

**Use only the stand that is recommended**  
This unit should be used only with a stand (MDS-Standard 2) that is recommended by Roland.

**Do not place in a location that is unstable**

When using the unit with a stand (MDS-Standard 2) 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.

**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 (Refer to "TD-27KV2 Setup Guide").  
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.

#### WARNING

**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.

**Take care not to get burned**  
Otherwise, you risk causing damage or malfunction.

#### CAUTION

**Use only the specified stand(s)**

This unit is designed to be used in combination with specific stands (MDS-Standard 2) manufactured by Roland. If used in combination with other stands, you risk sustaining injuries as the result of this product dropping down or toppling over due to a lack of stability.

### 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.

**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.

#### Cautions when moving this unit

If you need to move the instrument, at least two persons are required to safely lift and move the unit. It should be handled carefully, all the while keeping it level.

**Take care so as not to get fingers pinched**

When handling the following moving parts, take care so as not to get fingers, etc., pinched. An adult should always be in charge of handling these items.

• Stands

• Pedals

**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.

Included Parts:

• Cable clip

• Cable tie

• Wing bolts

• Drum key

Removable Parts:

• Screws

• Washers

• Nuts

• Felt washers

## IMPORTANT NOTES

### Additional Precautions

• Use a reasonable amount of care when using the unit's sensors; and when using its jacks and connectors. Rough handling can lead to malfunctions.

• 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.

• 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.

### Intellectual Property Right

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