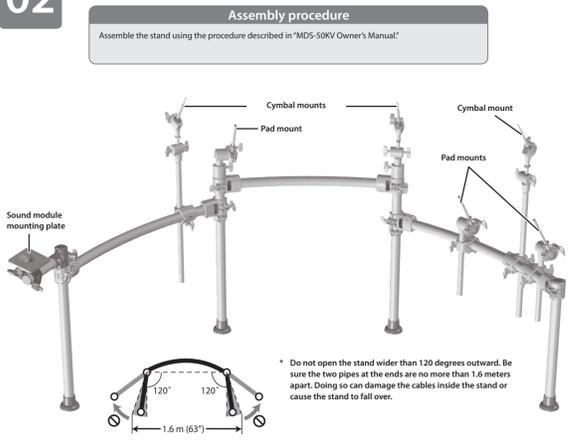


01 Check the included items

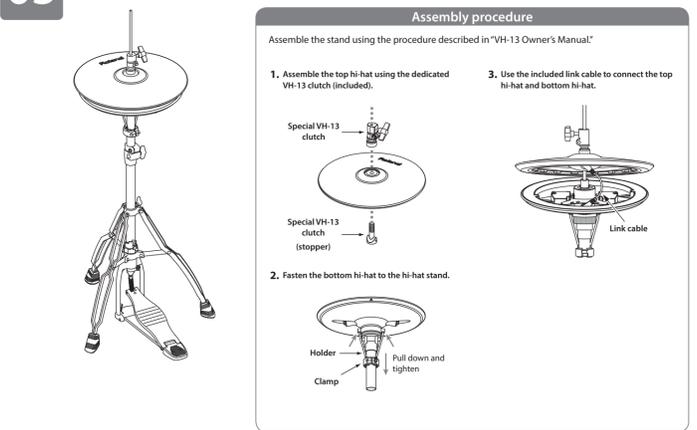
As soon as you open the package, check to see that all items are included. If anything is missing, please contact your dealer.

- | TD-50DP | TD-50KVA |
|---|---|
| <ul style="list-style-type: none"> TD-50 (drum sound module) x 1 PD-140DS (V-Pad digital snare) x 1 CY-18DR (V-Cymbal digital ride) x 1 Owner's manual set Setup Guide (this document) TD-50 Quick Start PD-140DS owner's manual CY-18DR owner's manual Stick case | <ul style="list-style-type: none"> VH-13 (V-Hi-hat) x 1 CY-14C (V-Cymbal for crash 1) x 1 CY-15R (V-Cymbal for crash 2) x 1 PD-108 (V-Pad for tom 1) x 1 PD-128 (V-Pad for tom 3, 4) x 2 Owner's manual set VH-13 owner's manual CY-14C/CY-15R owner's manual PD-128/PD-108 owner's manual |
- For the TD-50KV, you can choose from the following two kits.
- | KD-140 (V-Kick) | KD-A22 |
|---|---|
| <ul style="list-style-type: none"> When checking the items included with the KD-140, refer to "KD-140 Owner's Manual." | <ul style="list-style-type: none"> When checking the items included with the KD-A22, refer to "KD-A22 Owner's Manual." |
- OR
- | MDS-50KV |
|--|
| <ul style="list-style-type: none"> When checking the items included with the MDS-50KV refer to "MDS-50KV Owner's Manual." |
- * This package does not include a kick pedal, a hi-hat stand, a hi-hat stand, and a snare stand. Use with a commercially available kick pedal, hi-hat stand, and snare stand.
- * No 22-inch acoustic bass drum is included with the KD-A22.

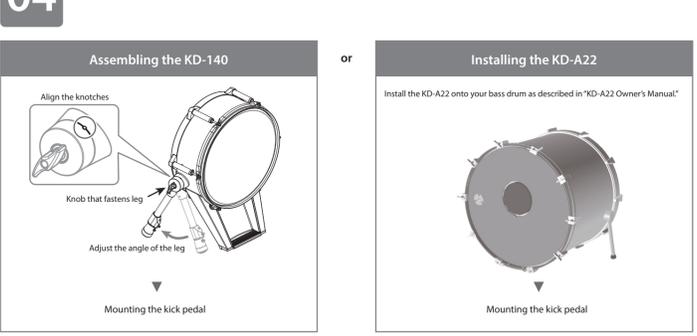
02 Assemble the stand (MDS-50KV)



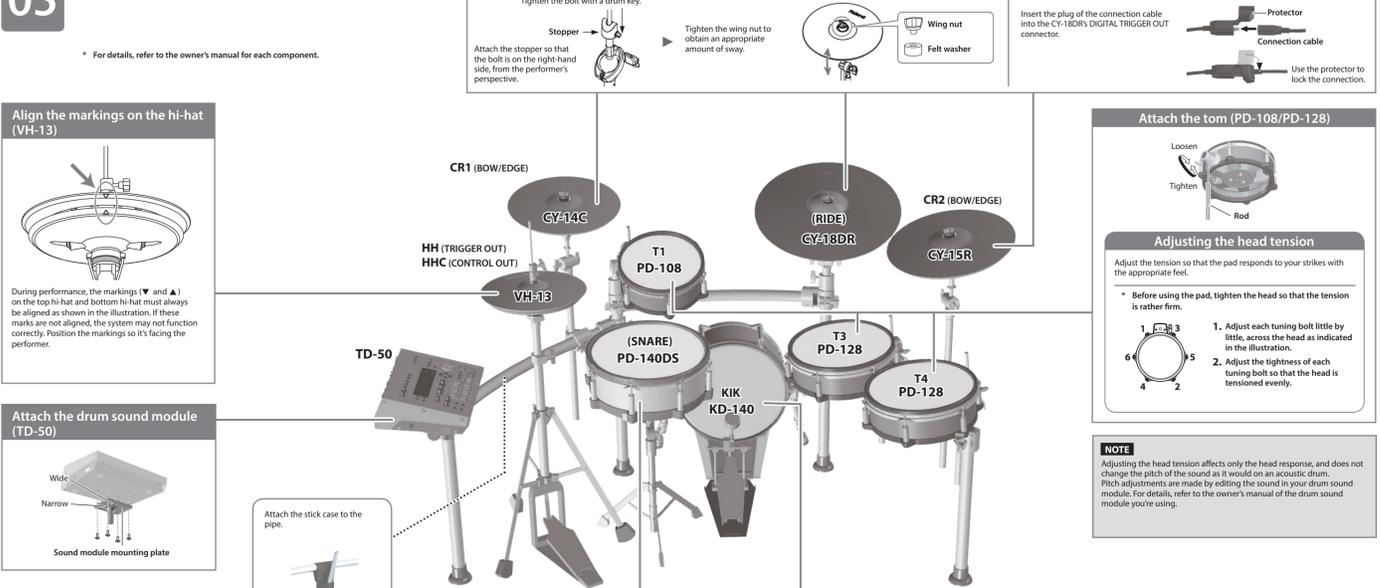
03 Assemble the hi-hat (VH-13)



04 Assemble the kick

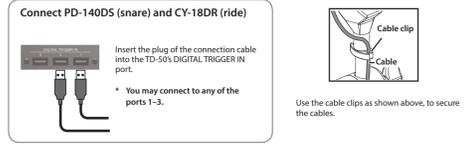


05 Attach the parts

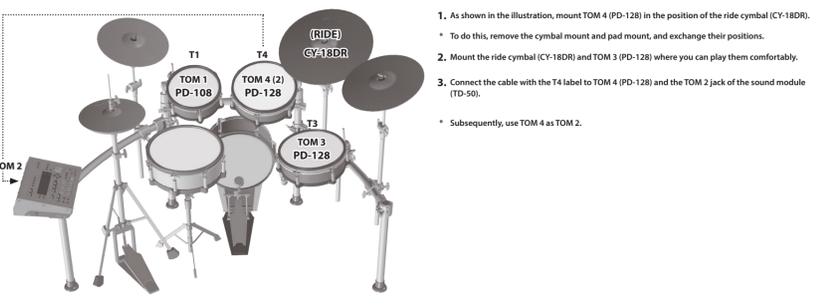


06 Connect the pads to the drum sound module

- * To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.
- Connect the straight plugs of the cables built into the stand (MDS-50KV) to the sound module (TD-50).
 - 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 | KICK | T1 | T3 | T4 | HH | FHC |
|-------|--------|--------|-------|-------|--------|---------|
| Jack | KICK | TOM 1 | TOM 3 | TOM 4 | HI-HAT | HH CTRL |
| Label | CR1 | CR2 | AX1 | AX2 | | |
| Jack | CRASH1 | CRASH2 | AUX 1 | AUX 2 | | |
- NOTE**
- The CY-15R is used as the crash cymbal. Bell shots are not possible.
 - T2 (TOM 2) is not used.



When placing two toms at the front



For a left-handed setup

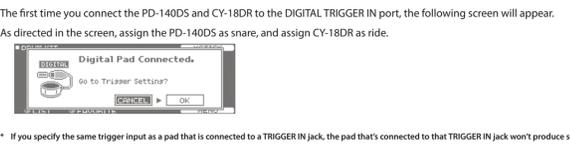
The setup described in this guide is for a right-handed drummer. If you want to use a left-handed setup, leave the sound module (TD-50) in the same position, but exchange the position of each pad and cymbal (together with its mounting clamp) left for right.

If you do this, some of the cables will not be long enough, so use commercially available extension cables (TRS 1/4" phone female ↔ TRS 1/4" phone male) to adjust the cable length.

This completes assembly and connections.

When you've finished making connections, turn on the power as described in "TD-50 Quick Start," and verify that you can hear sound.

Set the PD-140DS and CY-18DR



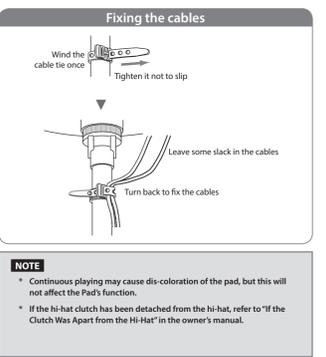
- Press the [ENTER] button.
- Use the cursor buttons to select "PD140DS" or "CY18DR".
- Use the [-] [+] buttons or the dial to specify the Assign.
- Press the [KIT] button to return to the DRUM KIT screen.

Select the appropriate trigger bank for the kick you're using (KD-140 or KD-A22)

- Press the [TRIGGER] button.
 - Press the PAGE (UP) button several times to access the top page.
 - Press the [F1] (BANK) button.
 - Move the cursor to the trigger bank number, and use the [-] [+] buttons or the dial to select the trigger bank.
 - Press the [KIT] button to return to the DRUM KIT screen.
- The TRIGGER BANK screen appears.
- Trigger bank number
- | | |
|--------|----------------|
| KD-140 | TD-50KV-KD-140 |
| KD-A22 | TD-50KV-KD-A22 |

Adjust the VH-13

- If you're using the VH-13 V-hi-hat, execute the offset adjustment from the TD-50 after making connections. This adjustment is required in order to correctly detect open, close, and pedal operations.
- Press the [TRIGGER] button.
 - Press the PAGE (UP) button several times to access the top page.
 - Press the [F4] (HI-HAT) button.
 - Use the [-] [+] buttons or the dial to set the Trig Type to "VH13".
 - Press the [F5] (OFFSET) button.
 - Loosen the clutch screw of the top hi-hat and let it sit on the bottom hi-hat.
 - Press the [F5] (EXECUTE) button.
 - Press the [KIT] button to return to the DRUM KIT screen.
- The VH OFFSET ADJUSTMENT screen appears.
- The "VH OFFSET" parameter is set automatically (approx. 3 seconds). The [TRIGGER] button stops flashing and remains lit.
- NOTE**
Do NOT touch the hi-hats or the pedal.



USING THE UNIT SAFELY

- INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS**
- WARNING** Used for instructions intended to alert the user to the risk of death or serious 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.
- CAUTION** Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well as domestic animals or pets.
- CAUTION** The symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined within the triangle. In the case of the symbol on the left, it is used for general cautions, warnings, or alerts to danger.
- CAUTION** 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 on the left, it means that the unit must never be disassembled.
- CAUTION** 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 on the 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. The unit should be used only with a stand (MDS-50 series) recommended by Roland. The stand must be carefully placed on a level and firm surface. If 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.
- CAUTION** Be cautious to protect children from injury. Always make sure that an adult can lead to provide supervision and guidance when using the unit in places where children are present, or when a child will be using the unit.
- CAUTION** Take care not to get burned. Otherwise, you risk causing damage or malfunction.
- CAUTION** Disconnect all cords/cables before moving the unit. Damage or malfunction may result if you fail to disconnect all cables before moving the unit.
- CAUTION** Caution 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 while keeping it level.
- CAUTION** 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
- CAUTION** 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/Removable Parts:
 - Stands
 - Spings
 - Washers
 - Nuts

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 the document was issued. For the latest information, refer to the Roland website.
- Intellectual Property Right**
- It is forbidden by law to make an audio recording, video recording, copy or revision of a third party's copyrighted work (musical works, video work, broadcast, live performance, or other work), whether in whole or in part, and distribute, sell, lease, perform, or broadcast it without the permission of the copyright owner.
 - Do not use this product for purposes that could infringe on a copyright held by a third party. We assume no responsibility whatsoever with regard to any infringements of third-party copyright arising through our use of this product.
 - The copyright of content in this product (the sound waveform data, MIDI data, accompaniment patterns, phrase data, audio loops and image data) is reserved by Roland Corporation.
 - Purchasers of this product are permitted to utilize said content (except song data such as Demo Songs) for the creating, performing, recording and distributing original musical works.
 - Purchasers of this product are NOT permitted to extract said content in original or modified form, for the purpose of distributing recorded medium of said content or making them available on a computer network.
 - MMP (Moore Microprocessor Portfolio) refers to a patent portfolio concerned with microprocessors as follows, which was developed by Technology Properties Limited (TPL), Roland has licensed this technology from the TPL Group.
 - MPEG Layer-3 audio compression technology is licensed from Fraunhofer IS Corporation and THOMSON Multimedia Corporation.
 - The SD logo and SDHC logo are trademarks of SD 3C, LLC.
 - A2D is a trademark and software of Steinberg Media Technologies GmbH.
- * This product contains eParts (integrated software platform of eSOL Co., Ltd. eParts is a trademark of eSOL Co., Ltd. in Japan.
- * This Product uses the Source Code of g++ Kernel under Linux 2.2 granted by the Linux Forum (www.linux.org).
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