

# Making the Settings to Use the VH-14D with the TD-50/TD-27

This manual explains the playing techniques and settings to make when using the VH-14D with the TD-50/TD-27.

## Checking the System Program Version of the Drum Sound Module

You may need to update the system version of your drum sound module before using the VH-14D with the TD-50/TD-27.

Check whether your sound module meets the following conditions.

- **TD-50:** Ver. 1.08 or later
- **TD-27:** Ver. 1.11 or later

If the current version is less than the one shown above, update the system.

\* If you've already upgraded from TD-50 to TD-50X, you don't need to update the system.

## Checking the Program Version

### For TD-50 users

1. Press the [SETUP] button.  
The SETUP MENU screen appears.
2. Press the PAGE [UP] [DOWN] buttons to access the SETUP MENU 2 screen.
3. Press the [F3] (INFO) button.  
The information screen appears.
4. Press the [F1] (PROGRAM) button to display the program version.

### For TD-27 users

1. Press the [SYSTEM] button.  
The SYSTEM screen appears.
2. Use the Cursor buttons to select "INFO," and then press the [ENTER] button.  
The information screen appears.
3. Press the [F1] (PROGRAM) button to display the program version.

## How to get the update (system program)

1. Enter the following URL in your computer.  
<https://www.roland.com/support/>
2. Choose "TD-50" or "TD-27" as the product name.

## About Performance Techniques

The following playing techniques are supported when using the VH-14D with the TD-50/TD-27.

### NOTE

- Use only wooden or plastic sticks. Using a carbon or metal stick may cause the sensor to malfunction.
- Use nylon brushes. Using metal brushes may cause the sensor to malfunction, and may scratch the pad.

### Open/closed



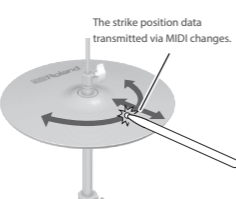
The hi-hat tone changes smoothly and continuously from open to closed in response to how far the pedal is pressed. You can also play the foot closed sound (playing the hi-hat with the pedal completely pressed down) and foot splash sound (playing the hi-hat with the pedal fully pressed and then instantly opening it).

### Pressure



When you strike the hi-hat while pressing on the pedal with the hi-hat closed, you can then change the closed tone in response to the pressure you place on the pedal.

### Bow shot

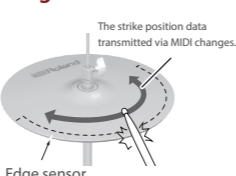


This playing method involves striking the middle area of the top cymbal. It corresponds to the sound of the "head-side."

The strike position data transmitted via MIDI changes, depending on what part of the bow you strike.

\* This does not make the sound change.

### Edge shot

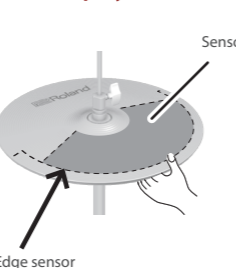


This playing method involves striking the edge of the top cymbal with the shoulder of the stick. When played as shown in the figure, the "rim-side."

The strike position data transmitted via MIDI changes, depending on what part of the edge you strike.

\* This does not make the sound change.

### Choke play



If you use your hand to choke (grasp) the edge sensor after striking the cymbal, the sound stops.

With the VH-14D, the sound stops (is muted) even if you simply place your hand on the sensor detection area.

When you strike the cymbal in the choked state, the sound is shorter.

## Settings for the VH-14D

Adjust the offset value on your drum sound module.

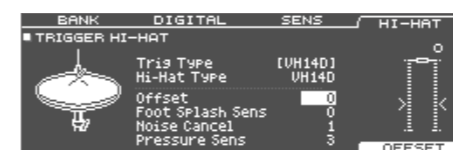
This needs to be done so that pedal actions such as open or close are detected correctly.

### For TD-50 users

1. Press the [TRIGGER] button.
2. Press the PAGE [UP] button several times to access the top page.
3. Press the [F4] (HI-HAT) button.

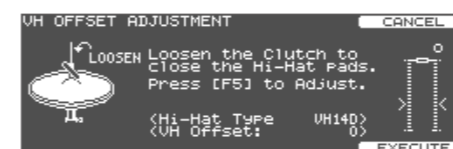
The TRIGGER HIHAT screen appears.

\* "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.



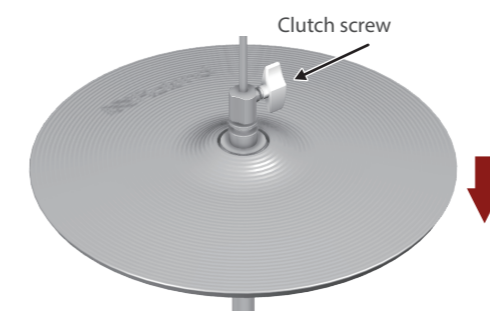
4. Press the [F5] (OFFSET) button.

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).

The [TRIGGER] button stops flashing and remains lit.

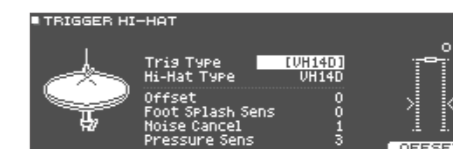
7. Press the [KIT] button to return to the DRUM KIT screen.

### For TD-27 users

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.

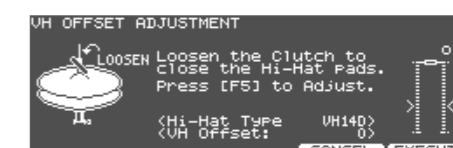
The TRIGGER HI-HAT screen appears.

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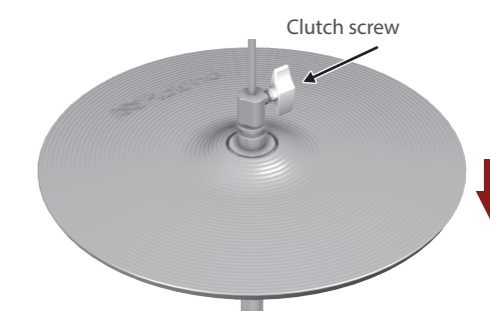
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