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› [Roland](#) /

› Roland TD-50KVA Electronic Drum Kit User Manual

## Roland TD-50KVA

# Roland TD-50KVA Electronic Drum Kit User Manual

Model: TD-50KVA

## INTRODUCTION

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This manual provides essential information for the proper setup, operation, and maintenance of your Roland TD-50KVA Electronic Drum Kit. Please read this manual thoroughly before using the product to ensure safe and optimal performance.

The Roland TD-50KVA is an advanced electronic drum pad kit designed for professional drummers, offering expressive playability and high-quality sounds.



Figure 1: Roland TD-50KVA Electronic Drum Kit Overview

This image displays the complete Roland TD-50KVA electronic drum kit, including the drum module, snare pad, tom pads, bass drum pad (frame only), hi-hat cymbal, crash cymbals, and ride cymbal, all mounted on their respective stands. The kit is designed for a realistic drumming experience.

## WHAT'S INCLUDED

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Verify that all components are present in the packaging:

- 1x VH-13 (Hi-Hat)
- 1x CY-14C (Crash Cymbal)
- 1x CY-15R (Ride Cymbal)
- 2x PD-128-BC (Tom Pads)
- 1x PD-108-BC (Snare Pad)
- Required cables and mounting hardware
- User Manual (this document)

Note: The TD-50 drum module and bass drum pad are sold separately and are not included with this specific kit.

## SETUP GUIDE

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Follow these steps to correctly set up your TD-50KVA Electronic Drum Kit. Ensure you have adequate space for assembly and operation.

### 1. Unpacking and Inspection

Carefully remove all components from their packaging. Inspect each item for any signs of damage. If any damage is found, contact your dealer immediately.

## 2. Assembling the Rack System

The drum kit requires a sturdy rack system (sold separately) for mounting the pads and cymbals. Assemble the rack according to its specific instructions. Ensure all clamps and joints are securely tightened.

## 3. Mounting Pads and Cymbals

Attach the PD-108-BC snare pad, PD-128-BC tom pads, VH-13 hi-hat, CY-14C crash cymbal, and CY-15R ride cymbal to the rack using the provided mounting hardware. Adjust their positions for comfortable playing ergonomics.

- **Snare Pad (PD-108-BC):** Mount on a snare stand or a dedicated rack clamp.
- **Tom Pads (PD-128-BC):** Attach to tom holders on the rack.
- **Hi-Hat (VH-13):** Mount on a standard acoustic hi-hat stand (sold separately).
- **Cymbals (CY-14C, CY-15R):** Attach to cymbal boom arms on the rack.



Figure 2: Pad and Cymbal Placement Example

This image highlights the positioning of the snare pad (PD-108-BC) and tom pads (PD-128-BC) within the drum kit setup, demonstrating how they are typically mounted on the rack for optimal playability.

## 4. Connecting to the TD-50 Drum Module

Connect each pad and cymbal to the appropriate input jacks on your TD-50 Drum Module (sold separately) using the included stereo trigger cables. Refer to the TD-50 module's manual for specific input assignments.

- Ensure cables are securely connected to prevent signal loss.
- Organize cables using ties to avoid tangles and tripping hazards.



Figure 3: TD-50 Module Connection Point

This image focuses on the area where the TD-50 drum module is typically positioned, illustrating the various input and output ports where the drum pads and cymbals connect, as well as connections for power and audio output.

## OPERATING INSTRUCTIONS

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Once the kit is fully assembled and connected to the TD-50 module, you can begin operation.

### 1. Powering On

Connect the TD-50 module's AC adapter to a power outlet and then to the module. Press the power button on the TD-50 module to turn it on. Wait for the module to fully boot up.

### 2. Basic Playback

Strike the pads and cymbals to produce sounds. The TD-50 module will respond with the assigned drum sounds. Adjust the volume using the master volume knob on the module.

### 3. Adjusting Pad Sensitivity and Trigger Settings

For optimal performance, you may need to adjust the sensitivity and trigger settings for each pad and cymbal within the TD-50 module's menu. Refer to the TD-50 module's manual for detailed instructions on accessing and modifying these parameters.

- **Sensitivity:** Controls how hard you need to strike a pad to produce a sound.
- **Threshold:** Sets the minimum velocity required to trigger a sound, helping to prevent accidental triggers.
- **Retrigger Cancel:** Prevents multiple triggers from a single strike.

### 4. Using the Hi-Hat (VH-13)

The VH-13 hi-hat pad offers realistic open, closed, and foot splash sounds. Adjust the clutch on your hi-hat stand to achieve the desired open/closed feel. Calibrate the hi-hat within the TD-50 module for accurate response.

## MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your Roland TD-50KVA kit.

### 1. Cleaning

Wipe down pads, cymbals, and the module with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Do not use abrasive cleaners, waxes, or solvents.

### 2. Pad Care

Avoid striking pads with excessive force, which can reduce their lifespan. Regularly check the mesh heads for wear and tear. Replacement mesh heads are available from authorized Roland dealers.

### 3. Cable Management

Periodically inspect all cables for fraying or damage. Replace damaged cables immediately. Keep cables organized to prevent tangles and stress on connectors.

### 4. Storage

When not in use for extended periods, store the kit in a clean, dry environment, away from direct sunlight and extreme temperatures. Consider disassembling and storing components in their original packaging or protective cases for transport.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with your TD-50KVA kit. For more complex problems, refer to the TD-50 module's manual or contact Roland support.

Problem	Possible Cause	Solution
No sound from a specific pad/cymbal.	Cable not connected properly. Incorrect input on TD-50 module. Pad/cymbal sensitivity too low. Damaged cable or pad.	Check cable connections at both ends. Verify correct input assignment in TD-50 module. Increase pad sensitivity in TD-50 module settings. Test with a known working cable or swap pads to isolate issue.
Double triggering or missed triggers.	Incorrect trigger settings (threshold, retrigger cancel). Pad sensitivity too high.	Adjust trigger settings in TD-50 module. Decrease pad sensitivity.
Hi-hat not responding correctly (open/closed).	VH-13 not calibrated. Hi-hat stand clutch too tight/loose.	Perform hi-hat calibration in TD-50 module. Adjust hi-hat clutch for proper movement.

## SPECIFICATIONS

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Key specifications for the Roland TD-50KVA Electronic Drum Pad Kit:

- **Model Name:** TD-50KVA
- **Brand:** Roland
- **Included Components:** 1x VH-13, 1x CY-14C, 1x CY-15R, 2x PD-128-BC, 1x PD-108-BC
- **Material:** Alloy Steel (for certain components/hardware)
- **Color:** Metallic Silver
- **Item Weight:** Approximately 25 pounds (kit components only, excluding module/stands)
- **Package Dimensions:** 28 x 25 x 25 inches
- **UPC:** 761294509173
- **ASIN:** B0876828TF
- **Connectivity:** USB (via TD-50 module, not directly on pads)

Note: Specifications are subject to change without notice for product improvement.

## WARRANTY AND SUPPORT

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Roland products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Roland website.

For technical support, service, or replacement parts, please contact your authorized Roland dealer or Roland customer support in your region. Have your product model number (TD-50KVA) and serial number ready when contacting support.

### Online Resources:

- [Visit the Roland Store on Amazon](#)
- [Roland Global Support Website](#)

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