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Roland TD-27

Roland V-Drums TD-27 Electronic Drums Sound Module

User Manual

Introduction

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Roland V-Drums TD-27 Electronic Drums Sound Module. The TD-27 is a sophisticated drum module designed to deliver realistic drum sounds and flexible connectivity for practicing, performance, and recording. It features Roland's proprietary Prismatic Sound Modeling and PureAcoustic Ambience Technology for natural-sounding samples. Please read this manual thoroughly to ensure optimal performance and longevity of your device.

Product Overview

The Roland TD-27 is a compact and intuitive sound module packed with advanced features. It offers a massive collection of drum kits, powerful signal processing, and flexible connectivity options. The interface is designed for effortless navigation, allowing users to audition and select kits, tweak parameters, and create custom kits. Key features include an SDHC Reader for expanded storage and sample import, TRS Outputs for versatile audio routing, and USB MIDI for seamless integration with computer-based music production.



Figure 1: Front panel of the Roland TD-27 Sound Module. This image displays the module's layout, including the main display showing 'DRUM KIT 38 80's Pop Electro Toms', various control knobs for BACKING, PHONES, MASTER, INSTRUMENT, LEVEL, TUNING, and MUFFLING, as well as navigation buttons for SONG, CLICK, COACH, KIT EDIT, USER SAMPLE, SYSTEM, TRIG LOCK, EXIT, ENTER, and directional arrows. The Roland and V-Drums logos are visible at the top.

Setup

Proper setup is crucial for optimal performance of your TD-27 module. Follow these steps to connect your module:

1. **Power Connection:** Connect the AC adapter to the DC IN jack on the rear panel of the TD-27, then plug the adapter into a standard AC outlet.
2. **Drum Pad Connections:** Connect your V-Drums pads (snare, toms, cymbals, kick, hi-hat) to the corresponding trigger input jacks on the rear panel. Ensure all connections are secure.
3. **Audio Output:** Connect the main stereo TRS outputs to your amplifier, mixer, or audio interface. Individual TRS outputs are also available for routing specific drum sounds separately.
4. **Headphones:** For private practice, connect your headphones to the PHONES jack on the front panel.
5. **USB MIDI:** For computer connectivity and MIDI control, connect a USB cable from the TD-27's USB port to your computer.
6. **SDHC Card:** Insert an SDHC card into the SD card slot for importing user samples or backing up settings.

Operating Instructions

This section covers the basic operation of your TD-27 module.

Power On/Off

- To power on, press the power button located on the rear panel.
- To power off, press and hold the power button until the unit shuts down.

Navigating the Interface

The TD-27 features a central display and various knobs and buttons for control:

- **Display:** Shows current kit, parameters, and menu options.
- **DRUM KIT Knob:** Use this large central knob to select drum kits. Pressing it may confirm selections.
- **BACKING, PHONES, MASTER Knobs:** Adjust the volume levels for backing tracks, headphones, and the overall master output, respectively.
- **INSTRUMENT, LEVEL, TUNING, MUFFLING Knobs:** These illuminated knobs allow for quick adjustments to individual instrument parameters. Select an instrument, then use these knobs to modify its sound characteristics.
- **Navigation Buttons (<, >, ^, V, EXIT, ENTER):** Used for navigating menus, adjusting values, and confirming selections.
- **Function Buttons (KIT EDIT, USER SAMPLE, SYSTEM):** Access dedicated menus for editing kits, managing user samples, and configuring system settings.
- **SONG, CLICK, COACH Buttons:** Access features for playing along with songs, using the metronome (click), and utilizing practice tools (coach).
- **TRIG LOCK:** Engages or disengages trigger lock functionality.

Kit Selection and Editing

Turn the DRUM KIT knob to browse through the onboard drum kits. To customize a kit:

1. Press the **KIT EDIT** button.
2. Use the navigation buttons to select the desired instrument or parameter.
3. Adjust values using the illuminated knobs (INSTRUMENT, LEVEL, TUNING, MUFFLING) or the directional buttons.
4. The Prismatic Sound Modeling engine allows for deep customization, including adjusting dampening, tuning, and drum sizing.
5. Press **ENTER** to confirm changes and **EXIT** to return to the main screen.

Maintenance

To ensure the longevity and optimal performance of your Roland TD-27 module, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the module's surface with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth, then wipe dry immediately. Avoid abrasive cleaners, solvents, or waxes, as these can damage the finish.
- **Storage:** When not in use, store the module in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. If transporting, use appropriate protective casing.
- **Ventilation:** Ensure the module has adequate ventilation to prevent overheating. Do not block any ventilation openings.
- **Firmware Updates:** Periodically check the official Roland website for any available firmware updates. Keeping your

module's firmware up-to-date can improve performance and add new features.

Troubleshooting

If you encounter issues with your TD-27 module, refer to the following common troubleshooting steps:

- **No Sound:**
  - Check all audio cable connections (outputs, headphones).
  - Ensure the MASTER and PHONES volume knobs are turned up.
  - Verify that the connected amplifier or headphones are powered on and functioning correctly.
  - Check individual instrument levels within the module.
- **Pads Not Triggering:**
  - Ensure drum pads are correctly connected to the trigger input jacks.
  - Check the sensitivity settings for the individual pads in the module's system settings.
  - Inspect cables for damage.
- **Module Unresponsive:**
  - Try powering the unit off and on again.
  - Ensure the power adapter is securely connected and receiving power.
  - If the issue persists, a factory reset might be necessary (refer to the full Roland manual for specific instructions on performing a factory reset, as this will erase user data).
- **Distorted Sound:**
  - Reduce the MASTER volume or the input gain on your connected amplifier/mixer.
  - Check individual instrument levels within the module to ensure no single sound is clipping.

If these steps do not resolve the issue, please contact Roland customer support for further assistance.

Specifications

Feature	Specification
Model Name	TD-27
Brand	Roland
Body Material	Bass Wood
Item Weight	6.61 pounds (3 kg)
Product Dimensions (L x W x H)	12.6 x 11.85 x 8.3 inches (32 x 30.1 x 21.1 cm)
Color	Black, White
Connector Type	USB
UPC	761294514917

Date First Available	November 18, 2020

Warranty and Support

For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official Roland website. For technical support, service, or additional inquiries, please contact Roland customer service or visit their official support pages.
You can find more information and support resources by visiting the**Roland Store on Amazon**.

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