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Roland VAD307-1

Roland VAD307 V-Drums Acoustic Design Kit

User Manual

1. Introduction and Overview

This manual provides essential information for the setup, operation, and maintenance of your Roland VAD307 V-Drums Acoustic Design Kit. The VAD307 is a compact, space-saving electronic drum kit designed to offer the authentic feel and aesthetic of acoustic drums while providing the versatility of electronic percussion.
Key features include shallow-depth wood shells, an updated TD-17 sound module with new kits and expanded effects, and newly developed thin cymbals for natural feel and movement.
For a detailed PDF version of the user manual, please refer to the official Roland support page or the document provided with your purchase.

2. What's in the Box

Upon unboxing your Roland VAD307 kit, please verify that all components listed below are present. Note that some essential accessories, such as the kick pedal, snare stand, hi-hat stand, drum throne, and drum sticks, are sold separately.

- VAD307 Kit Components (Drums and Cymbals)
- TD-17 Sound Module
- Sound Module Mount
- AC Adaptor
- Special Connection Cable
- Connection Cable (Crash2)
- Drum Key
- Setup Guide
- Owner's Manual (this document)



Figure 2.1: Included Components of the VAD307 Kit. Note that the kick pedal, hi-hat stand, snare stand, drum throne, and drum sticks are not included.

3. Setup

Follow these steps to correctly set up your Roland VAD307 V-Drums kit. It is recommended to assemble the stands first, then attach the drum and cymbal pads, and finally connect the TD-17 module.

1. **Assemble Stands:** Unfold and secure the double-braced stands. Ensure they are stable on a flat surface.
2. **Attach Drums and Cymbals:** Mount the PDA120LS-BK snare, PDA100L-BK rack toms (x2), PDA120L-BK rack tom, and KD-180L-BK kick drum to their respective stands. Attach the VH-10 V-Hi-Hat, CY-12C-T crash cymbals (x2), and CY-14R-T ride cymbal. Adjust their positions for comfortable playing.
3. **Connect TD-17 Module:** Secure the TD-17 sound module to its mount. Use the provided connection cables to link each drum and cymbal pad to the corresponding input on the TD-17 module. Refer to the port labels on the module for correct connections.
4. **Power On:** Connect the AC adaptor to the TD-17 module and then to a power outlet. Power on the module using the dedicated power button.



Figure 3.1: Fully assembled VAD307 kit, ready for use.

4. Operating the TD-17 Sound Module

The TD-17 module is the heart of your VAD307 kit, offering a wide range of sounds and features. It provides a hands-on interface for selecting and personalizing drum sounds.

4.1 Kit Selection and Customization

The TD-17 module comes with 70 versatile preset kits developed by professional drummers, including 10 all-new kits and 26 pre-loaded samples. Use the large dial and navigation buttons to browse and select kits. You can also customize existing kits or create your own by adjusting instrument sounds, levels, and effects.



Figure 4.1: Interacting with the TD-17 Sound Module.

4.2 Natural Feel and Response

The VAD307 features Roland's legendary multi-ply, tension-adjustable mesh heads, which contribute significantly to an authentic playing feel. The newly developed thin crash and ride cymbals also offer natural movement and improved stick feel, allowing for realistic chokes by grabbing the edge.



Figure 4.2: The natural feel of the VAD307 kit during play.

4.3 Bluetooth Audio Streaming

The TD-17 module includes built-in Bluetooth functionality, allowing you to wirelessly stream audio from a smartphone or laptop. This feature is ideal for playing along with backing tracks, practicing with your favorite songs, or mixing the sound from online lesson videos directly through the module.

5. Maintenance

Proper maintenance will ensure the longevity and optimal performance of your Roland VAD307 kit.

- **Cleaning:** Use a soft, dry cloth to wipe down the drum pads, cymbals, and module regularly. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the module or pad connections. Avoid abrasive cleaners.
- **Mesh Head Care:** The mesh heads are durable but can be damaged by sharp objects. Avoid striking them with anything other than drum sticks. If a mesh head becomes loose, you can adjust its tension using the included drum key.

- **Cable Management:** Ensure all cables are neatly organized and not under tension or pinched, which can lead to damage over time.
- **Storage:** When not in use for extended periods, store the kit in a cool, dry place away from direct sunlight and extreme temperatures.

6. Troubleshooting

If you encounter issues with your VAD307 kit, refer to the following common troubleshooting tips:

- **No Sound:**
  - Check if the TD-17 module is powered on.
  - Ensure headphones or speakers are properly connected to the module's output.
  - Verify that the volume levels on the module and connected audio devices are turned up.
  - Confirm all drum and cymbal cables are securely connected to the correct inputs on the module.
- **Pad Not Responding:**
  - Check the cable connection for that specific pad at both the pad and the module end.
  - Ensure the pad's sensitivity settings in the TD-17 module are appropriate (refer to the module's detailed manual for adjustments).
- **Bluetooth Connection Issues:**
  - Ensure Bluetooth is enabled on both the TD-17 module and your smart device.
  - Delete previous pairings on your smart device and try pairing again.
  - Move your smart device closer to the TD-17 module to ensure a strong signal.

If problems persist, consult the comprehensive TD-17 module manual or contact Roland customer support.

7. Specifications

Feature	Specification
Model Name	VAD307-1
Body Material	Wood
Connector Type	Bluetooth
Included Components	Snare, Cymbal (Kit components as listed in Section 2)
Item Weight	55.8 pounds
Product Dimensions (L x W x H)	40.6 x 27.2 x 17 inches
Manufacturer	Roland
UPC	761294518953

8. Warranty and Support

Roland products are known for their quality and reliability. For specific warranty information regarding your VAD307 kit,

please refer to the warranty card included with your purchase or visit the official Roland website. Roland also offers various protection plans for extended coverage.
For technical support, service, or additional product information, please contact Roland customer service directly through their official website or authorized service centers. Keep your purchase receipt as proof of purchase for warranty claims.

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