Roland PD-140DS

Roland PD-140DS Electronic Drum V-Pad Instruction Manual

Model: PD-140DS

1. Introduction

The Roland PD-140DS V-Pad is a 14-inch electronic drum pad designed to provide an authentic snare drumming experience. It features advanced triggering technology and high sensitivity, communicating directly with compatible sound modules, such as the flagship TD-50. This manual provides essential information for setting up, operating, and maintaining your PD-140DS V-Pad.

2. Key Features

- High-resolution sound triggering with accurate positional detection.
- Designed for use with the flagship TD-50 sound module.
- Supports traditional cross-stick techniques without requiring module setting adjustments.
- Three-ply mesh head for natural rebound, playing feel, and response.
- Standard acoustic-style 14-inch diameter for a familiar look and playability.

3. What's in the Box

Upon unpacking, ensure all components are present:

- Roland PD-140DS V-Pad (Snare)

Additional cables or mounting hardware may be sold separately or included with your drum module.

4. Setup

4.1 Mounting the V-Pad

Attach the PD-140DS V-Pad to a standard snare stand or drum rack using appropriate clamps. Ensure the pad is securely fastened to prevent movement during play. Adjust the height and angle for comfortable playing posture.



Image Description: A front-facing view of the Roland PD-140DS Electronic Drum V-Pad. The pad features a chrome shell, a white mesh head, and black rubber rims. The Roland V-Drums logo and model number PD-140DS are visible on the side of the shell.

4.2 Connecting to a Sound Module

Connect the PD-140DS V-Pad to your Roland TD-50 (or compatible) sound module using a digital trigger cable. The PD-140DS utilizes a high-speed digital connection for optimal performance. Refer to your sound module's manual for specific input ports and settings.

- Ensure the sound module is powered off before making connections.
- Connect the digital trigger cable from the PD-140DS output to the designated digital input on your sound module.
- Once connected, power on your sound module and select the appropriate pad type in the module's settings.

4.3 Mesh Head Tension Adjustment

The three-ply mesh head can be adjusted for tension to suit your playing preference. Use a standard drum key to tighten or loosen the tension rods evenly around the rim. Avoid overtightening, which can damage the mesh head or rim.

5. Operating

5.1 Basic Playing

The PD-140DS V-Pad is designed to respond like an acoustic snare drum. Strike the mesh head with drumsticks to produce sounds. The pad's multi-element sensor system detects strokes across its entire surface, providing detailed dynamics and positional sensing.



Image Description: An angled view of the Roland PD-140DS Electronic Drum V-Pad, showcasing its chrome finish and the white mesh head. The V-Drums branding is visible on the side plate.

5.2 Rim Shots and Cross Sticks

- **Rim Shots:** Strike the mesh head and the rim simultaneously to produce a rim shot sound. The pad's sensors accurately detect this technique.
- **Cross Sticks:** Place your hand on the mesh head and strike the rim with the stick shaft. The PD-140DS automatically detects your hand position and adjusts the sound accordingly, allowing for natural cross-stick performance without manual module adjustments.

5.3 Positional Sensing

The PD-140DS offers advanced positional sensing, meaning the sound produced can vary depending on where you strike the mesh head (e.g., center, edge). This feature enhances the expressive capabilities of the pad, allowing for nuanced performances.

6. Maintenance

6.1 Cleaning

- Wipe the chrome shell and rubber parts with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying.
- Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish.
- The mesh head can be gently cleaned with a soft, dry brush or cloth to remove dust.

6.2 Storage

When not in use, store the V-Pad in a clean, dry environment away from direct sunlight, extreme temperatures, and high humidity. If transporting, use a padded case to protect the pad from physical damage.

7. Troubleshooting

7.1 No Sound or Intermittent Sound

- **Check Connections:** Ensure the digital trigger cable is securely connected to both the PD-140DS and the sound module.
- **Module Settings:** Verify that the correct pad type (PD-140DS) is selected in your sound module's settings. Incorrect settings can lead to no sound or improper triggering.
- **Cable Integrity:** Inspect the digital trigger cable for any signs of damage. Try using a different cable if available.

7.2 Incorrect Triggering or Sensitivity

- **Mesh Head Tension:** Adjust the mesh head tension. Too loose or too tight tension can affect triggering response.
- **Module Sensitivity:** Adjust the sensitivity settings for the pad within your sound module. Refer to your module's manual for detailed instructions on adjusting trigger parameters.
- **Cross-Stick Issues:** Ensure your hand is properly placed on the mesh head when attempting a cross-stick. The pad relies on hand contact for detection.

8. Specifications

Model Name	PD-140DS
Size	14-Inch
Color	Chrome
Body Material	Mesh
Item Weight	10 pounds
Product Dimensions (L x W x H)	15 x 15 x 6.38 inches
Manufacturer	Roland
UPC	642892769025, 761294508718

9. Warranty and Support

Roland products are covered by a manufacturer's warranty. 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, product registration, or service inquiries, please contact Roland customer support directly or visit their official support portal.

Official Roland Website: www.roland.com