

LEMON LE-HHC11

Lemon VH11-Style Hi-Hat Controller Sensor Instruction Manual

Model: LE-HHC11

1. INTRODUCTION

The Lemon VH11-Style Hi-Hat Controller Sensor is designed to provide variable open/closed control for electronic drum modules. This controller enables drummers to achieve expressive hi-hat techniques, including closed, half-open, open, and foot-splash sounds, on compatible electronic drum kits.

Constructed for durability and stable mechanical performance, this sensor ensures consistent triggering for both practice and live performance, while maintaining quiet operation suitable for home use.



Image: A close-up view of the Lemon Hi-Hat Controller sensor, detailing its variable position sensing, smooth mechanical movement, and quiet operation features.

2. SETUP AND INSTALLATION

The hi-hat controller is designed for installation on standard hi-hat stands, offering a familiar playing feel. Ensure the hi-hat stand is stable and properly adjusted for consistent foot transitions.

1. **Mounting:** Securely mount the hi-hat controller onto your standard hi-hat stand. The design accommodates most

electronic cymbal pads used as hi-hat tops, provided they fit the VH-11 style configuration.

2. **Connection:** Connect the controller's output jack to the hi-hat control input on your electronic drum module.
3. **Adjustment:** Adjust the hi-hat clutch and controller position to achieve your desired open/closed range and sensitivity.

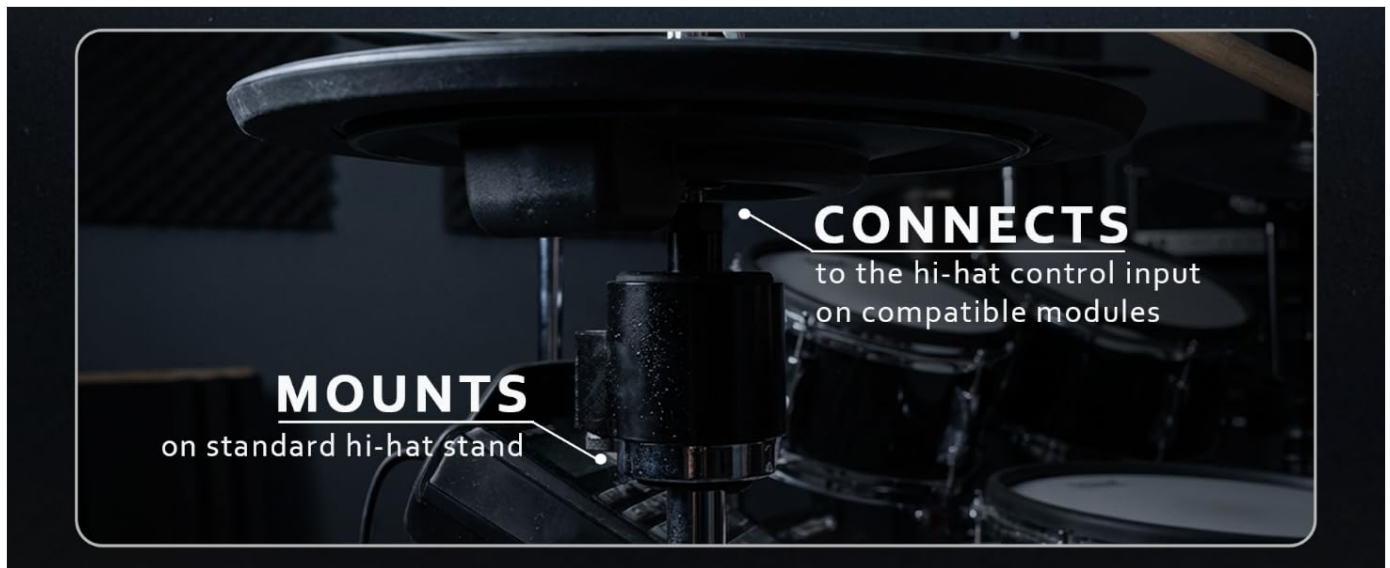


Image: The Lemon Hi-Hat Controller mounted on a standard hi-hat stand, illustrating how it connects to the drum module's hi-hat control input.



Image: An overview of the variable hi-hat system, highlighting setup notes for mounting on a standard hi-hat stand and connecting to compatible modules.

3. OPERATING INSTRUCTIONS

The Lemon Hi-Hat Controller provides precise control over your electronic hi-hat sounds. Its variable position sensing allows for a wide range of expressive techniques:

- **Closed Hi-Hat:** Press the foot pedal fully down.
- **Half-Open Hi-Hat:** Release the foot pedal partially. The sensor detects the intermediate position.
- **Open Hi-Hat:** Release the foot pedal completely.
- **Foot Splash:** Quickly press and release the foot pedal.

The advanced multi-zone triggering and precision sensitivity tracking ensure that your playing dynamics are captured accurately, translating your intensity into authentic sound variations for natural, expressive performance.

REAL ARTICULATION:

Advanced multi-zone triggering captures your playing dynamics in real time, so your performance feels natural, expressive, and fully in your control.



Image: A drummer's foot on the hi-hat pedal, illustrating the variable open/closed control for expressive playing.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Lemon Hi-Hat Controller Sensor, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the controller with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the controller in a dry environment, away from extreme temperatures and direct sunlight.
- **Inspection:** Periodically check all connections and moving parts for any signs of wear or damage.

5. TROUBLESHOOTING

If you encounter issues with your hi-hat controller, consider the following:

- **No Response or Inconsistent Triggering:**
 - Ensure all cables are securely connected to both the controller and the drum module.
 - Verify that your drum module's hi-hat input is correctly configured for a hi-hat controller.
 - Check the compatibility of your drum module with the Lemon VH11-Style Hi-Hat Controller. Refer to the compatibility table below.
 - Inspect the mechanical movement of the pedal for any obstructions or damage.
- **Incorrect Hi-Hat Sounds:**
 - Adjust the sensitivity settings on your drum module.
 - Ensure the hi-hat clutch is properly tightened and adjusted to allow for the full range of open/closed positions.
- **Physical Fit Issues:**
 - If using a "no-spin adapter" or similar accessory, ensure it is compatible with your hi-hat clutch and stand shaft dimensions.

Module Compatibility

The Lemon VH11-Style Hi-Hat Controller is designed to work with many electronic drum modules that accept hi-hat controller inputs. Hi-hat response can vary by module and input type. Please review the compatibility table below before purchasing or if you experience compatibility issues.

EXPRESSIVE DYNAMICS:

Precision sensitivity tracking translates your playing intensity into authentic sound variation, giving you full control over your groove, fills, and accents.



Image: A detailed compatibility table listing various drum module brands and their compatible models with the Lemon Hi-Hat Controller.

Compatible Drum Modules

Brand	Compatible Models
Roland	TD-9, TD-12, TD-17, TD-25, TD-27, TD-30, TD-50
Alesis	Strike Pro, Strata Prime, Strata Core
Pearl	Mimic Pro
ATV	EXS-3, EXS-5
2Box	DrumIt 3, DrumIt 5
Audiofront	eDRUMin 4, eDRUMin 8, eDRUMin 10

Note: Requires hi-hat input + controller input and module hi-hat support.

6. SPECIFICATIONS

Feature	Detail
Brand	LEMON
Model Number	LE-HHC11
Color	Black
Body Material	Plastic and Metal
Item Weight	0.4 Kilograms
Global Trade Identification Number (GTIN)	00198715964691

7. WARRANTY INFORMATION

This Lemon Hi-Hat Controller Sensor (Model LE-HHC11) comes with a **2-year warranty** from the date of purchase. This

warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, please refer to the official LEMON website or contact customer support.

8. SUPPORT

For further assistance, technical support, or inquiries regarding your Lemon Hi-Hat Controller Sensor, please visit the official LEMON website or contact your retailer. You can also refer to the [LEMON Store on Amazon](#) for additional product information and FAQs.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question