Hampton Bay HB-2749-03

Hampton Bay Wired Door Chime HB-2749-03 Instruction Manual

Model: **HB-2749-03** | Brand: **Hampton Bay**

1. Product Overview

The Hampton Bay Wired Door Chime HB-2749-03 is a mechanical doorbell chime designed for wired installations. It features a brushed nickel finish, offering a modern aesthetic that blends seamlessly with various home decors. This unit provides distinct chime tones for different doors, enhancing convenience and awareness within your home.



Figure 1: Hampton Bay Wired Door Chime HB-2749-03. This image displays the front view of the rectangular doorbell chime unit, showcasing its brushed nickel finish and minimalist design.

2. Safety Information

- **Electrical Work:** All electrical work must be performed in accordance with local and national electrical codes. If you are unsure about any part of the installation, consult a qualified electrician.
- **Power Disconnection:** Always disconnect power at the circuit breaker before installing, servicing, or removing the chime unit.
- **Transformer:** This chime requires a 16VAC 10VA (Volt-Ampere) transformer for proper operation. Using an incorrect transformer can damage the unit or pose a safety hazard. Ensure your existing transformer meets these specifications or replace it with a compatible one.
- **UL Certified:** This product is UL certified, ensuring it meets safety standards.

3. Package Contents

Verify that all components are present before beginning installation:

- Wired Door Chime Unit (HB-2749-03)
- Mounting Screws
- Instruction Pamphlet
- Warranty Card (for 1-year additional warranty upon registration)

4. Installation

4.1. Before You Begin

1. Turn off power to your existing doorbell chime at the circuit breaker.
2. Identify the existing doorbell wires. Typically, there will be wires for 'FRONT' (front door), 'REAR' (rear door), and 'TRANS' (transformer). Label these wires for easy re-connection.
3. Confirm your transformer meets the required 16VAC 10VA specification.

4.2. Removing Your Old Chime

1. Carefully remove the cover of your old chime unit.
2. Disconnect the labeled wires from the terminals of the old chime.
3. Unscrew and remove the old chime base from the wall.

4.3. Mounting the New Chime

1. Position the new chime base on the wall where the old chime was located. Ensure the mounting holes align with existing holes or mark new pilot holes.
2. Secure the chime base to the wall using the provided mounting screws. If mounting into drywall without a stud, use appropriate drywall anchors (not included).

4.4. Wiring Connections

Connect the labeled doorbell wires to the corresponding terminals on the new chime unit:

- Connect the 'FRONT' wire to the terminal marked 'FRONT'.
- Connect the 'REAR' wire to the terminal marked 'REAR'.
- Connect the 'TRANS' wire to the terminal marked 'TRANS'.
- Ensure all connections are secure and wires are not touching any moving parts of the chime mechanism.

4.5. Installing the Cover

Once wiring is complete, align the chime cover with the base and gently slide it into place until it snaps securely. The cover is designed to fit snugly over the internal components.

Video 1: Wired Doorbell Chime Overview. This video demonstrates the internal components of a wired doorbell chime, including the wiring terminals (FRONT, REAR, TRANS) and the mechanism that produces the chime sound. It also shows the process of attaching the cover to the chime base.

5. Operation

5.1. Chime Tones

The Hampton Bay Wired Door Chime HB-2749-03 is designed to produce distinct tones:

- A two-note melody typically sounds when the front doorbell button is pressed.
- A single-note tone typically sounds when the rear (or side) doorbell button is pressed.

5.2. Testing the Chime

1. Restore power to the doorbell circuit at the circuit breaker.
2. Press the front doorbell button and listen for the two-note chime.
3. If applicable, press the rear (or side) doorbell button and listen for the single-note chime.

6. Maintenance

6.1. General Care

To ensure the longevity and optimal performance of your Hampton Bay Wired Door Chime, follow these general care guidelines:

- **Cleaning:** Wipe the chime cover with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **Environment:** While the product features a rust-resistant finish, it is designed for indoor/outdoor usage. Ensure it is installed in a location protected from direct heavy weather exposure to prolong its lifespan.
- **Inspection:** Periodically check the wiring connections to ensure they remain secure.

7. Troubleshooting

7.1. Chime Does Not Sound

- **Check Power:** Ensure power is restored to the doorbell circuit at the main circuit breaker.
- **Verify Wiring:** Confirm all wires are correctly connected to the 'FRONT', 'REAR', and 'TRANS' terminals and are securely fastened.
- **Inspect Doorbell Buttons:** Test your doorbell buttons to ensure they are functioning correctly. Faulty buttons can prevent the chime from activating.
- **Transformer Check:** Ensure your transformer is providing the correct 16VAC 10VA output. A malfunctioning or incorrect transformer can cause the chime to not sound.

7.2. Weak or Distorted Sound

- **Loose Connections:** Check all wiring connections at the chime unit and the transformer for any looseness. Tighten as necessary.
- **Obstructions:** Ensure no wires or foreign objects are interfering with the internal chime mechanism.
- **Transformer Output:** A transformer providing insufficient voltage (less than 16VAC 10VA) may result in a weak chime sound.

8. Specifications

- **Model:** HB-2749-03
- **Brand:** Hampton Bay
- **Color:** Bronze (Brushed Nickel finish)
- **Style:** Modern
- **Special Feature:** Rust Resistant
- **Item Weight:** 1.2 Pounds
- **Indoor/Outdoor Usage:** Outdoor
- **Product Dimensions:** 8.2 x 6.4 x 4.6 inches
- **UPC:** 016963327498
- **Transformer Requirement:** 16VAC 10VA (not included)

9. Warranty & Support

This Hampton Bay Wired Door Chime includes a standard warranty. An additional 1-year warranty may be available upon product registration. Please refer to the included warranty card or the manufacturer's website for specific details on warranty terms, registration process, and customer support contact information.

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