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Carlon DH253

Carlon White Plastic Wired Door Chime (Model DH253)

Instruction Manual

INTRODUCTION

Thank you for choosing the Carlon White Plastic Wired Door Chime, Model DH253. This wired door chime provides a reliable and traditional signal for your home's entryways. This manual contains important information regarding the installation, operation, and maintenance of your new door chime. Please read these instructions carefully before beginning installation and retain them for future reference.

SAFETY INFORMATION

- Always disconnect power at the circuit breaker or fuse box before installing, servicing, or removing the door chime. Failure to do so may result in electric shock or damage to the unit.
- Ensure all wiring connections are secure and comply with local electrical codes.
- This product is designed for indoor use only. Do not expose to moisture or extreme temperatures.
- Use only with a compatible doorbell transformer (typically 16V AC).

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your wired door chime. Follow these steps carefully.



Image: The Carlon White Plastic Wired Door Chime unit. This image shows the rectangular, off-white plastic housing of the chime, with a subtle curved design element and a dark brown accent at the bottom right corner.

Tools Required:

- Screwdriver (Phillips and/or flathead)
- Wire strippers
- Drill (if mounting to drywall or masonry)
- Pencil
- Measuring tape

Installation Steps:

1. **Disconnect Power:** Locate your home's circuit breaker panel and turn off the power to the circuit that supplies electricity to your existing doorbell system. If unsure, turn off the main power.
2. **Remove Old Chime (if applicable):** Carefully remove your old door chime unit from the wall. Note the wiring connections (typically marked 'TRANS' for transformer, 'FRONT' for front door button, and 'REAR' for rear door button).
3. **Mount the New Chime Unit:**
 - Choose a suitable location for the new chime unit, typically in a central hallway or living area.
 - Hold the chime unit against the wall and mark the mounting screw locations with a pencil.
 - Drill pilot holes if necessary.
 - Secure the chime unit to the wall using appropriate screws, ensuring it is level.
4. **Wire the Chime:**
 - Carefully strip about 1/2 inch of insulation from the ends of your existing doorbell wires.
 - Connect the transformer wire to the terminal marked 'TRANS' on the chime unit.
 - Connect the front doorbell button wire to the terminal marked 'FRONT'.
 - If you have a second doorbell button (e.g., for a back door), connect its wire to the terminal marked 'REAR'.
 - Ensure all connections are tight and no bare wires are touching each other or the chime housing.
5. **Install Doorbell Push Buttons (if applicable):** If installing new push buttons, connect the two wires from the chime location to the terminals on the back of each push button. Mount the push button at your desired door frame height.
6. **Restore Power and Test:** Turn the power back on at the circuit breaker. Press each doorbell button to test the chime.

The front door button should produce one distinct chime sound, and the rear door button (if connected) should produce a different sound.

OPERATING INSTRUCTIONS

The Carlon Wired Door Chime operates simply by pressing the connected doorbell push button(s). When a visitor presses the button, the chime unit will sound, alerting you to their presence.

- **Front Door:** Pressing the front door push button will activate the primary chime sound.
- **Rear Door (if connected):** Pressing the rear door push button will activate a secondary, distinct chime sound.

MAINTENANCE

Your Carlon Wired Door Chime requires minimal maintenance to ensure long-lasting performance.

- **Cleaning:** To clean the chime unit, gently wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the finish or internal components.
- **Inspection:** Periodically check the wiring connections at the chime unit and push buttons to ensure they remain secure.
- **Environment:** Ensure the chime unit is not exposed to direct sunlight, excessive heat, or moisture, which can affect its operation and lifespan.

TROUBLESHOOTING

If your Carlon Wired Door Chime is not functioning correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Chime does not sound at all.	No power to the chime unit. Loose or incorrect wiring. Faulty doorbell push button. Faulty transformer.	Check circuit breaker for power. Verify all wiring connections are secure and correct. Test the push button; replace if necessary. Test the transformer output; replace if necessary.
Chime sounds weak or distorted.	Low voltage from transformer. Loose wiring connections. Internal chime mechanism obstruction.	Ensure transformer is providing adequate voltage (typically 16V AC). Check and tighten all wiring connections. Inspect the chime's internal components for any obstructions.
Chime sounds continuously.	Doorbell push button stuck in the 'on' position. Short circuit in wiring.	Inspect and free the push button; replace if it remains stuck. Inspect wiring for any damage or short circuits.

SPECIFICATIONS

- **Model Number:** DH253
- **Manufacturer:** ABB INSTALLATION PRODUCTS
- **Material:** Plastic
- **Product Dimensions:** 10 x 7.7 x 11.8 inches

- **Item Weight:** 3 pounds
- **Power Source:** Wired (requires compatible doorbell transformer, not included)
- **ASIN:** B01MTAL4HO

WARRANTY INFORMATION

This Carlon product is manufactured to high-quality standards. For specific warranty details, please refer to the packaging or contact Carlon customer support. Typically, products are covered against defects in materials and workmanship for a limited period from the date of purchase.

CUSTOMER SUPPORT

If you have any questions, require assistance with installation, or need to troubleshoot an issue not covered in this manual, please contact Carlon customer support. Refer to the product packaging or the Carlon official website for the most current contact information.

Online Resources: Visit the Carlon website for FAQs, additional product information, and support.

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