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Craftmade CL4000-BN

Craftmade CL4000-BN Builder Door Chime Instruction Manual

Model: CL4000-BN

1. INTRODUCTION

Thank you for choosing the Craftmade CL4000-BN Builder Door Chime. This wired doorbell chime is designed to provide a clear and distinct sound for your home's entryways. It features a durable construction with a brushed satin nickel finish, suitable for indoor use. This manual provides essential information for safe installation, operation, and maintenance of your new door chime.



Image 1.1: The Craftmade CL4000-BN Builder Door Chime, showcasing its brushed satin nickel finish and compact design.

2. SAFETY INFORMATION

Please read and understand all instructions before beginning installation. Failure to follow these instructions may result in electric shock, fire, or other hazards. Always consult a qualified electrician if you are unsure about any part of the installation process.

- **Disconnect Power:** Always turn off power at the circuit breaker or fuse box before installing, servicing, or cleaning the chime.
- **Indoor Use Only:** This chime is UL approved for INDOOR locations only. Do not install in outdoor or damp environments.
- **Proper Wiring:** Ensure all wiring connections are secure and comply with local electrical codes. Use at least 18 gauge wire for all connections (from button to chime, transformer to chime, and chime to chime if wiring more than one unit).
- **Voltage Compatibility:** Ensure your doorbell transformer provides the correct voltage for this chime.
- **No User-Serviceable Parts:** Do not attempt to open or repair the chime mechanism. Refer all servicing to qualified personnel.

3. PRODUCT FEATURES AND DIMENSIONS

Key Features:

- **Sound Mechanism:** Produces 2 notes for the front door and 1 note for a second door.
- **Finish:** Elegant Brushed Polished Nickel finish.
- **Installation:** Supports both vertical and horizontal hanging positions.
- **Wiring:** Requires a minimum of 18 gauge wire for all connections.
- **Location:** UL Approved for indoor use.

Dimensions:

The Craftmade CL4000-BN Builder Door Chime has the following approximate dimensions:

- **Height:** 9.25 inches (23.5 cm)
- **Width:** 7.32 inches (18.6 cm)
- **Depth:** 2.78 inches (7.06 cm)
- **Weight:** 2.61 lbs (1.18 kg)



Image 3.1: Detailed dimensions of the Craftmade CL4000-BN Door Chime, showing height, width, and depth measurements.

4. INSTALLATION

Installation of the Craftmade CL4000-BN Builder Door Chime requires basic electrical knowledge. If you are not comfortable performing electrical work, please consult a qualified electrician.

Tools and Materials (Not Included):

- Screwdriver (Phillips and/or flathead)
- Wire strippers
- Drill (if mounting to a new location)
- Pencil for marking
- Doorbell transformer (compatible with your chime's voltage requirements)
- Doorbell push buttons
- 18 gauge or heavier wire

Installation Steps:

1. **Turn Off Power:** Locate your home's circuit breaker panel and turn off the power to the circuit that

supplies your doorbell system. Verify power is off using a voltage tester.

2. **Choose Mounting Location:** Select an appropriate indoor location for the chime. The chime can be mounted in either a vertical or horizontal position. Ensure there is sufficient space for the chime and access for wiring.
3. **Prepare Wiring:** Run at least 18 gauge wire from your doorbell transformer to the chime, from the chime to your front door push button, and from the chime to your second door push button (if applicable). If connecting multiple chimes, ensure 18 gauge wire is used between chimes as well.
4. **Mount the Chime:** Secure the chime to the wall using appropriate screws and anchors (not included). Ensure it is firmly attached.
5. **Connect Wiring:** Connect the wires to the terminals on the chime unit according to the wiring diagram provided with your transformer or doorbell buttons. Typically, there will be terminals for 'TRANS' (transformer), 'FRONT' (front door button), and 'REAR' (second door button). Ensure all connections are tight and secure.
6. **Restore Power:** Once all connections are made and verified, turn the power back on at the circuit breaker.
7. **Test Operation:** Press your doorbell buttons to ensure the chime functions correctly.

5. OPERATION

The Craftmade CL4000-BN Builder Door Chime is designed for straightforward operation:

- **Front Door:** When the front doorbell push button is pressed, the chime will produce a distinct **two-note** melody.
- **Second Door:** When the second doorbell push button (e.g., rear door, side door) is pressed, the chime will produce a single **one-note** sound. This allows you to differentiate which door a visitor is at.

6. MAINTENANCE

The Craftmade CL4000-BN Builder Door Chime requires minimal maintenance to ensure long-lasting performance.

- **Cleaning:** To clean the chime, ensure power is off at the circuit breaker. Use a soft, dry cloth to gently wipe the exterior. Avoid using abrasive cleaners, solvents, or polishes, as these can damage the finish.
- **Inspection:** Periodically inspect the wiring connections to ensure they remain secure.
- **Environment:** Keep the chime in a dry, indoor environment. Avoid exposure to excessive moisture or extreme temperatures.

7. TROUBLESHOOTING

If your Craftmade CL4000-BN Builder Door Chime is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Chime does not sound	No power to the chime; Loose wiring connections; Faulty doorbell button; Faulty transformer; Damaged chime mechanism.	Check circuit breaker; Verify all wiring connections are secure; Test doorbell button; Test transformer output; If all else fails, the chime may need replacement.

Problem	Possible Cause	Solution
Chime sounds continuously	Doorbell button stuck in 'on' position; Short circuit in wiring.	Inspect and free doorbell button; Check wiring for any exposed wires touching each other.
Weak or distorted sound	Low voltage from transformer; Loose connections; Obstruction in chime mechanism.	Ensure transformer meets voltage requirements; Tighten all wiring connections; Inspect chime mechanism for any foreign objects (with power off).

If you continue to experience issues after attempting these troubleshooting steps, please contact Craftmade customer support or a qualified electrician.

8. SPECIFICATIONS

Specification	Detail
Model Number	CL4000-BN
Manufacturer	Craftmade
Finish	Brushed Polished Nickel
Dimensions (H x W x D)	9.25" x 7.32" x 2.78"
Item Weight	2.61 lbs (1.18 kg)
Sound Output	2 notes (Front Door), 1 note (Second Door)
Wire Gauge Requirement	Minimum 18 gauge
Location Rating	UL Approved for Indoor Locations
Batteries Required	No

9. WARRANTY AND SUPPORT

Craftmade products are manufactured to high-quality standards and are backed by a manufacturer's warranty. Please refer to the warranty information provided at the time of purchase or visit the official Craftmade website for details regarding your specific product's warranty coverage.

For technical assistance, replacement parts, or further inquiries, please contact Craftmade customer support. Contact information can typically be found on the Craftmade website or on your product packaging.

Website: www.craftmade.com

