

Grothe 1502055

Grothe 1502055 LTW 4471A 8V AC Doorbell Instruction Manual

Model: 1502055

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Grothe 1502055 LTW 4471A 8V AC Doorbell. Please read these instructions carefully before installation and retain them for future reference.

SAFETY INFORMATION

- **Electrical Safety:** Installation must be performed by a qualified electrician or competent person in accordance with local electrical codes and regulations.
- **Power Supply:** Ensure the power supply is disconnected before commencing any installation or maintenance work to prevent electric shock.
- **Voltage:** This doorbell operates on 8V AC. Do not connect it to higher voltage supplies.
- **Environment:** Do not expose the device to excessive moisture, rain, or extreme temperatures.

PACKAGE CONTENTS

Verify that all components are present before proceeding with installation:

- 1 x Grothe LTW 4471A 8V AC Doorbell Speaker

SETUP AND INSTALLATION

Follow these steps for proper installation of your doorbell:

1. **Prepare the Installation Area:** Choose a suitable location for the doorbell, typically near the entrance. Ensure there is access to an 8V AC power source.
2. **Disconnect Power:** Turn off the main power supply at your circuit breaker before starting any wiring.
3. **Mount the Doorbell:** Secure the doorbell unit to the wall using appropriate screws and anchors. The

unit has mounting holes for this purpose.

4. **Wiring:** Connect the 8V AC power supply wires to the designated terminals on the back of the doorbell unit. Refer to the wiring diagram on the product label for correct polarity, if indicated. Typically, two terminals are provided for the AC input.
5. **Connect Doorbell Button:** If using a separate doorbell button, connect it according to the wiring diagram provided with your doorbell system. The doorbell button typically completes the circuit to activate the chime.
6. **Restore Power:** Once all connections are secure and verified, restore power at the circuit breaker.
7. **Test Functionality:** Press the doorbell button to ensure the chime sounds correctly.





Image: Back view of the Grothe 1502055 LTW 4471A 8V AC Doorbell. This image displays the rear casing with visible wiring terminals, a product label indicating specifications like 8V AC (1.0A) and model LTW 4471A, and a CE mark. The bell mechanism is visible at the bottom. This view is essential for understanding the electrical connections and mounting points.



Image: Side view of the Grothe 1502055 LTW 4471A 8V AC Doorbell with dimensions. The image shows the doorbell held in a hand, with a vertical measurement indicating a height of 6.1 inches (15 cm) from the top of the casing to the bottom of the bell. This provides a clear visual reference for the product's physical size.

OPERATING INSTRUCTIONS

The Grothe 1502055 LTW 4471A doorbell operates simply:

- When the connected doorbell button is pressed, the internal mechanism of the LTW 4471A is activated, causing the bell to chime.
- The sound will cease once the doorbell button is released.

MAINTENANCE

To ensure optimal performance and longevity of your doorbell:

- **Cleaning:** Wipe the exterior of the doorbell with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Connection Check:** Periodically check the electrical connections to ensure they are secure. Disconnect power before checking connections.
- **Moving Parts:** The bell mechanism is designed for durability. Avoid tampering with the internal moving parts.

TROUBLESHOOTING

If you encounter issues with your doorbell, refer to the following common problems and solutions:

- **No Sound:**
 - Check if the power supply to the doorbell is active.
 - Verify all wiring connections are secure and correct.
 - Ensure the doorbell button is functioning correctly.
 - Confirm the correct voltage (8V AC) is being supplied.
- **Weak or Intermittent Sound:**
 - Check for loose wiring connections.
 - Ensure the doorbell mechanism is free from obstructions.
 - Verify the power supply is stable and providing sufficient current.

If problems persist after following these steps, contact a qualified electrician or Grothe customer support.

SPECIFICATIONS

| | |
|--------------------------------|---|
| Model Number: | 1502055 |
| Product Name: | LTW 4471A 8V AC Doorbell Speaker |
| Brand: | Grothe |
| Operating Voltage: | 8 V AC (Alternating Current) |
| Dimensions (L x W x H): | 8 x 10 x 5 cm (approximately 3.15 x 3.94 x 1.97 inches) |
| Weight: | 160 grams (approximately 0.35 lbs) |
| Components Included: | 1 x LTW 4471A Speaker |

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact Grothe directly through their official website. Keep your proof of purchase for any warranty claims.

