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## sygonix SY-5491840

# sygonix SY-5491840 Door Chime Instruction Manual

Model: SY-5491840

## 1. INTRODUCTION

This manual provides comprehensive instructions for the safe installation, proper operation, and routine maintenance of your sygonix SY-5491840 Door Chime. Please read this manual thoroughly before attempting to install or operate the device to ensure correct usage and to prevent damage.

## Package Contents

- sygonix SY-5491840 Door Chime Unit
- Mounting Screws
- Wall Dowels
- User Manual (this document)



Image 1: Front view of the sygonix SY-5491840 Door Chime, showing its white rectangular casing and the 'sygonix' logo at the bottom.

## 2. SAFETY INSTRUCTIONS

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- Read all instructions carefully before installation and use.
- Ensure the power supply is disconnected before performing any wiring or installation procedures.
- Only use the specified voltage range of 8-12V AC or DC for operation. Using incorrect voltage may damage the device or pose a safety risk.
- Do not expose the unit to moisture, rain, or extreme temperatures. This device is intended for indoor use only.

- Keep the device out of reach of children.
- Do not attempt to open or repair the unit yourself. Refer all servicing to qualified personnel.

## **3. SETUP AND INSTALLATION**

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### **3.1 Mounting the Chime Unit**

1. Choose a suitable indoor location for the door chime unit, typically near the entrance or in a central area of your home.
2. Carefully open the chime unit to access the mounting holes on the back plate.
3. Hold the back plate against the desired wall location and mark the positions for drilling.
4. Drill holes at the marked positions and insert the supplied wall dowels.
5. Secure the chime unit's back plate to the wall using the supplied screws.

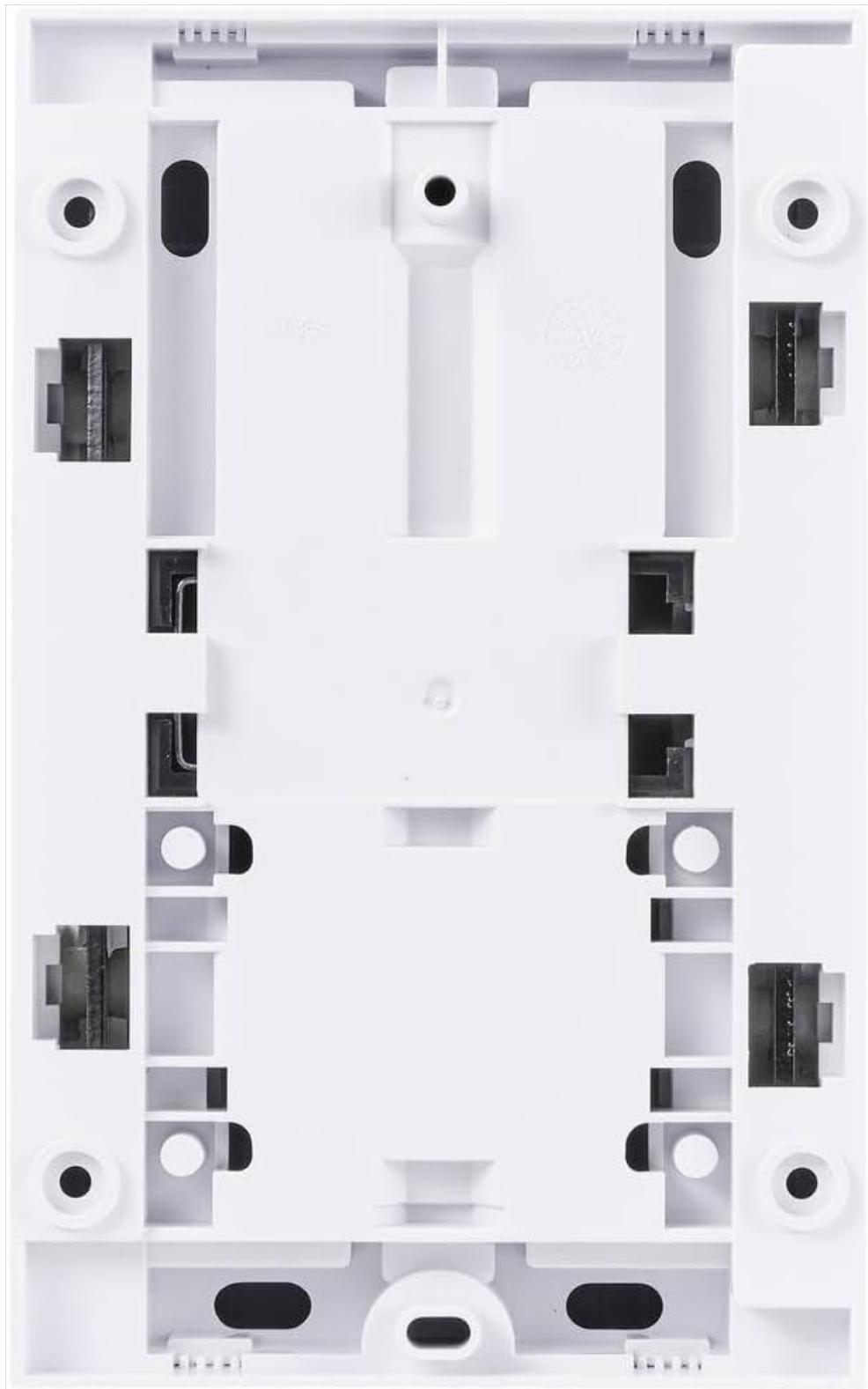


Image 2: Back view of the sygonix SY-5491840 Door Chime, illustrating the mounting points and internal structure for installation.

### 3.2 Power Supply and Wiring

The sygonix SY-5491840 Door Chime requires an 8-12V AC or DC power source and a compatible push button (not included).

- **Option 1: External Transformer (8-12V AC/DC)**

Connect an external 8-12V transformer (not included) to the designated terminals inside the chime unit. Ensure the transformer's output matches the chime's voltage requirements.

- **Option 2: Battery Power**

Insert 4 x 1.5V LR14 (C-cell) batteries (not included) into the battery compartment. Pay close attention to

the polarity markings (+/-) inside the compartment.

Connect the wires from your 8-12V push button (not included) to the appropriate terminals within the chime unit. Refer to the internal diagram for correct wiring. If using DC power, ensure correct polarity for the power input.



Image 3: Internal view of the sygonix SY-5491840 Door Chime, detailing the wiring terminals for power and push button connections, as well as the battery compartment.

## 4. OPERATING INSTRUCTIONS

Once the sygonix SY-5491840 Door Chime is correctly installed and powered, its operation is

straightforward. Pressing the connected 8-12V push button will activate the chime, producing a clear, single-tone sound to alert you of a visitor.

## 5. MAINTENANCE

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- **Cleaning:** Clean the exterior of the chime unit with a soft, dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the surface.
- **Battery Replacement (if applicable):** If you are using battery power and the chime sound becomes weak or stops functioning, replace all four LR14 batteries with new ones. Ensure correct polarity when inserting new batteries.
- **Inspection:** Periodically check the wiring connections to ensure they are secure and free from corrosion.

## 6. TROUBLESHOOTING

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- **No Sound:**

- Check the power supply: Ensure batteries are fresh and correctly inserted, or that the external transformer is providing power.
- Verify wiring: Confirm all connections to the chime unit and push button are secure and correctly wired.
- Test the push button: Ensure the push button itself is functioning correctly.
- Confirm voltage: Make sure the power supply is within the specified 8-12V range.

- **Weak Sound:**

- If using batteries, replace them with new ones.
- Check for any loose wiring connections that might be causing a poor electrical contact.

## 7. SPECIFICATIONS

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<b>Brand</b>	sygonix
<b>Model Number</b>	SY-5491840
<b>Color</b>	White
<b>Voltage</b>	8-12 Volts (AC/DC)
<b>Sound Level</b>	85 dB
<b>Type</b>	Single-tone mechanical door chime
<b>Mounting</b>	Surface-mounted

## 8. WARRANTY AND SUPPORT

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The sygonix SY-5491840 Door Chime comes with a spare parts availability period of 1 year from the date of purchase.

For technical support, warranty claims, or further assistance, please contact your retailer or the

manufacturer, sygonix, directly. Please retain your proof of purchase for warranty purposes.