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› SMATRUL ML002 Wireless Self-Powered Doorbell Instruction Manual

## SMATRUL ML002

# SMATRUL ML002 Wireless Self-Powered Doorbell Instruction Manual

Model: ML002

## 1. PRODUCT OVERVIEW

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The SMATRUL ML002 is a wireless, self-powered doorbell system designed for convenience and reliability. It features a battery-free transmitter that generates its own power when pressed, and a plug-in receiver with multiple chime options and adjustable volume. This manual provides detailed instructions for installation, operation, and maintenance.

# Self-powered doorbell that requires no battery



No battery



No wiring



5 Strings



60 Music



150m  
transmission



Random  
combination

Image: The SMATRUL ML002 doorbell system highlighting its key features: no battery, no wiring, 5 volume levels, 60 melodies, and a 150-meter transmission range.

# Self-powered doorbell that requires no battery



No battery required



No need  
to charge



Image: A close-up view of the doorbell transmitter and receiver, emphasizing that no batteries or external charging are needed for operation.

## 2. PACKAGE CONTENTS

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Please verify that all items are present in the package:

- 1 x Battery-Free Doorbell Transmitter
- 1 x Plug-in Doorbell Receiver
- 2 x Mounting Screws
- 1 x Instruction Manual
- 1 x Double-Sided Adhesive Tape
- 1 x "Please Ring Bell" Sticker



Image: The complete package contents of the SMATRUL ML002 doorbell, showing the transmitter, receiver, mounting hardware, and documentation.

## 3. SETUP AND INSTALLATION

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### 3.1 Transmitter Installation

The doorbell transmitter is designed for easy, wire-free installation. It can be mounted using either the provided double-sided adhesive tape or screws.

1. **Choose a Location:** Select a flat, clean surface near your door. Avoid mounting on metal surfaces, as this may affect signal transmission.
2. **Adhesive Tape Method:** Peel off one side of the protective film from the double-sided tape and apply it firmly to the back of the transmitter. Peel off the other side and press the transmitter firmly onto the desired surface for at least 30 seconds.
3. **Screw Method:** Mark the desired mounting points on the wall. Drill two holes, insert the wall anchors (if necessary), and then secure the transmitter using the provided screws.

### 3.2 Receiver Placement

The receiver is a plug-in unit. Simply plug it into any standard power outlet within range of the transmitter. Ensure it is not obstructed by large objects or walls that could weaken the signal.



Image: An illustration demonstrating the 150-meter wireless range of the doorbell and providing guidance on optimal transmitter placement, advising against installation on iron doors.

### 3.3 Initial Pairing (if needed)

The doorbell units are pre-paired at the factory. If re-pairing is necessary or if you are adding additional transmitters/receivers, follow these steps:

1. Plug in the receiver.
2. Press and hold the volume key on the receiver for 3 seconds. The receiver will enter pairing mode.
3. Immediately press the transmitter button multiple times. The receiver will chime to confirm successful pairing.

# How To Pair Signals



- 1 Hold down the volume key for 3 seconds



- 2 Press the button many times, the signal pairing is successful.

# How To Set Up Music



- 1 Hold down the music key, Choose your favorite music



- 2 Hold down the volume key for 3 seconds



- 3 Press the button many times, Set music successfully

Image: Visual guide on how to pair the doorbell units and how to select and set your preferred music/ringtone.

## 4. OPERATING INSTRUCTIONS

### 4.1 Changing Ringtones

The doorbell receiver offers 60 different ringtones. To change the ringtone:

1. Press and hold the music key on the receiver for 3 seconds.
2. Press the music key repeatedly to cycle through the available ringtones.
3. Once you hear your desired ringtone, stop pressing. The receiver will save the selection automatically.

# 60 Ringtones and music

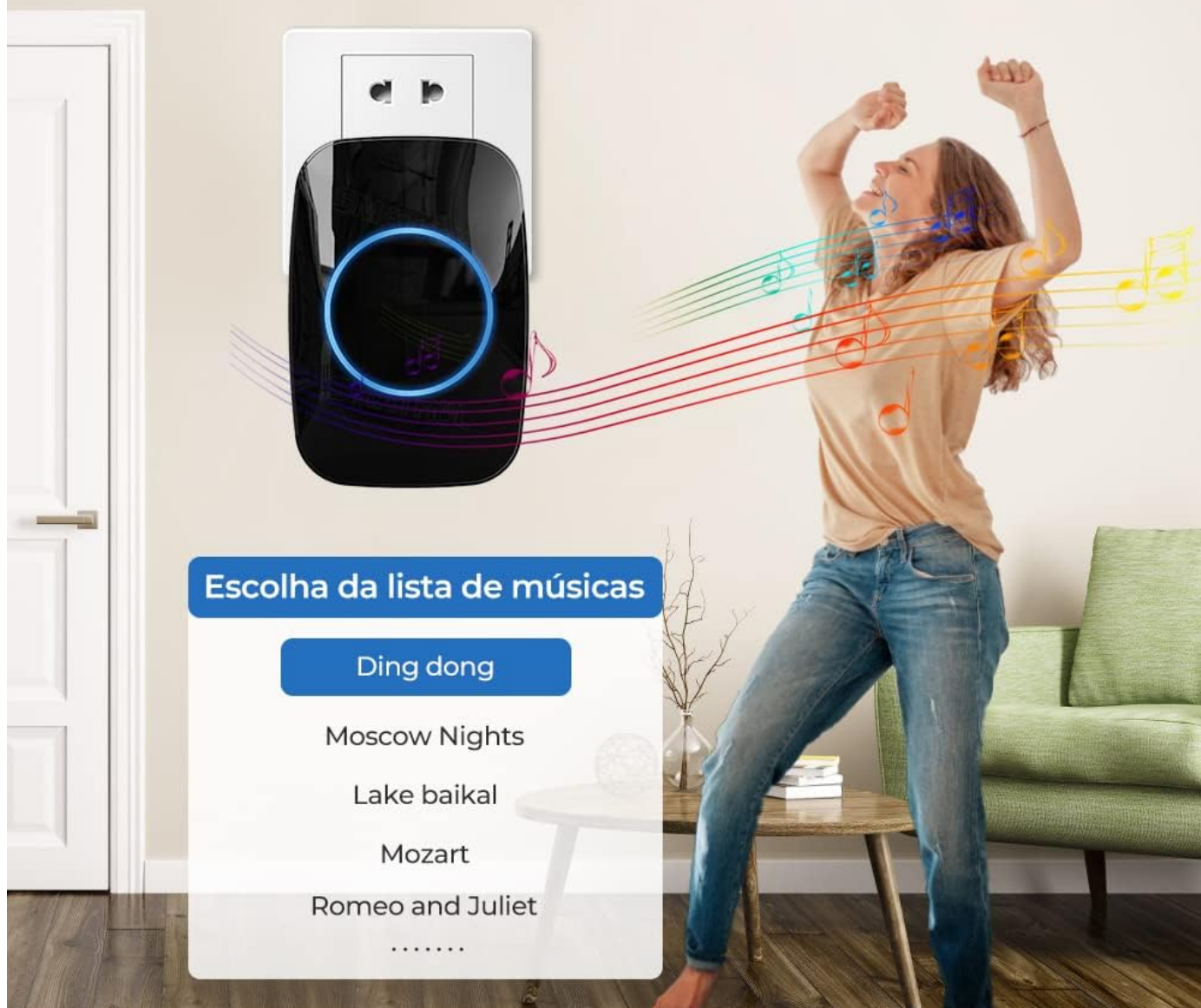


Image: The doorbell receiver displaying a selection of its 60 available ringtones and music options.

## 4.2 Adjusting Volume

The receiver has 5 adjustable volume levels, with a maximum output of 115dB.

1. Press the volume key on the receiver to cycle through the 5 volume levels.
2. Select the desired volume level. The receiver will save the setting automatically.

# 5 gears volume adjustable 0-110dB



Do not disturb sleep



Image: A visual representation of the 5 adjustable volume levels (0-110dB) for the doorbell, including a silent mode for undisturbed sleep.

## 5. FEATURES

- **Self-Powered Technology:** The transmitter generates its own electricity when pressed, eliminating the need for batteries and ensuring maintenance-free operation.
- **Easy Installation:** No wiring, drilling, or professional electrician required. Simply plug in the receiver and mount the transmitter with tape or screws.
- **Extended Wireless Range:** Operates up to 150 meters (500 feet) in open areas, with strong signal penetration through walls and floors.
- **Multiple Ringtones & Volume Levels:** Choose from 60 rich and clear ringtones and 5 adjustable volume levels (up to 115dB).
- **Strong Anti-Interference:** Designed to resist interference from other electronic devices, ensuring reliable performance.
- **Durable & Weather-Resistant:** The outdoor transmitter is IP55 waterproof and dustproof, made from high-quality ABS material, and can withstand temperatures from -20°C to 60°C.
- **Expandable System:** Supports adding multiple transmitters and receivers to cover larger areas.

# IP44 Waterproof Waterproof Cover Is Safer



**IP44 Waterproof**



Rainwater



Snow



Dust



Fall



-4°F/20 to 122°F/50

**Waterproof caps need to be purchased extra**

Image: The doorbell transmitter demonstrating its IP44 waterproof capabilities against rain, snow, and dust, along with its operating temperature range of -4°F to 122°F (-20°C to 50°C).

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your SMATRUL ML002 doorbell:

- Clean the transmitter and receiver regularly with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the transmitter's mounting surface is secure and free from debris.
- Avoid exposing the receiver to moisture or extreme temperatures.
- Periodically check the transmitter's mounting for stability, especially if using adhesive tape in harsh weather conditions.

## 7. TROUBLESHOOTING

| Problem                | Possible Cause                                                                     | Solution                                                                                                                                       |
|------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Doorbell does not ring | Receiver unplugged or power outage<br>Transmitter out of range<br>Units not paired | Ensure receiver is plugged in and power is on<br>Move receiver closer to transmitter<br>Re-pair the transmitter and receiver (see Section 3.3) |
| Short wireless range   | Obstructions (thick walls, metal objects)<br>Interference from other devices       | Relocate receiver or transmitter to minimize obstructions<br>Ensure transmitter is not mounted on metal surfaces                               |
| Volume too low/high    | Volume setting needs adjustment                                                    | Adjust volume using the volume button on the receiver (see Section 4.2)                                                                        |
| Cannot change ringtone | Incorrect button press sequence                                                    | Follow instructions for changing ringtones carefully (see Section 4.1)                                                                         |

## 8. SPECIFICATIONS

| Feature                         | Detail                                   |
|---------------------------------|------------------------------------------|
| Brand                           | SMATRUL                                  |
| Model Number                    | ML002                                    |
| Item Weight                     | 140 grams                                |
| Product Dimensions              | 7 x 4 x 2 cm                             |
| Transmitter Type                | Self-Powered (Battery-Free)              |
| Receiver Type                   | Plug-in                                  |
| Wireless Range                  | Up to 150 meters (500 feet) in open area |
| Ringtones                       | 60 melodies                              |
| Volume Levels                   | 5 adjustable levels (max 115dB)          |
| Waterproof Rating (Transmitter) | IP55                                     |
| Operating Temperature           | -20°C to 60°C (-4°F to 140°F)            |
| Color                           | Black                                    |

## 9. WARRANTY AND SUPPORT

The SMATRUL ML002 Wireless Self-Powered Doorbell comes with a quality assurance guarantee. If you encounter any issues or have questions regarding your product, please do not hesitate to contact our customer support. We are committed to responding to all inquiries within 24 hours.

For support, please refer to the contact information provided with your purchase or visit the official SMATRUL store page.

**ASK A QUESTION ABOUT THIS MANUAL**

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question