

OBO HANDS B0CS3GZ5FJ

OBO HANDS Two-Way Audio Intercom System User Manual

Model: B0CS3GZ5FJ

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your OBO HANDS Two-Way Audio Intercom System. This system is designed to enhance the security and convenience of your home or office by allowing you to see and communicate with visitors before granting access.

The system includes a 7-inch TFT LCD indoor monitor and a 700TVL high-resolution outdoor camera with infrared night vision. It supports two-way audio communication and remote unlocking.

2. PRODUCT SPECIFICATIONS

2.1 Indoor Monitor

Feature	Specification
Display	7-inch TFT LCD (16:9 format)
Resolution	800 x 480 pixels
Input Power	AC 100-240V, 50-60Hz
Output Power	DC 15V / 1500mA
Housing Material	ABS Plastic
Installation	Surface Mount
Dimensions	24 x 15 x 2.6 cm (9.45 x 5.91 x 1.02 inches)
Weight	0.46 kg (1.01 lbs)

2.2 Outdoor Camera

Feature	Specification
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Camera Resolution	700 TV Lines
Camera Type	1/3 Color CMOS Camera
Audio	Built-in Microphone and Speaker
Power Supply	DC 15V (from monitor)
Viewing Angle	U/D/L/R: 60/35/70/70 degrees
Connection	4-wire (supports up to 12 monitors)
Housing Material	Aluminum, Weather-resistant
Dimensions	122 (L) x 276 (W) x 45 (H) mm (4.8 x 10.87 x 1.77 inches)

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 2 x Indoor Monitor Units
- 1 x Outdoor Camera Unit
- 2 x Power Adapters
- 2 x Wall Mount Brackets for Indoor Unit
- 2 x 4-core / 5-core Connection Cables
- 1 x 2-core Connection Cable
- 2 x Screw Packs
- 1 x Test Cable
- 2 x RFID Key Fobs
- 1 x English User Manual (this document)

4. SETUP AND INSTALLATION

Before beginning installation, ensure all power is disconnected. It is recommended to consult a qualified electrician for complex wiring or if you are unsure about any steps.

4.1 Wiring Diagram

The system uses 4-core or 5-core cables for connection. For optimal performance, select the appropriate cable diameter based on the distance between units. Refer to the table below for guidance.

Wiring diagram1:

Using the 4-core cable to connect outdoor unit to indoor unit.

Using the 5-core cable to connect indoor unit to next indoor unit.

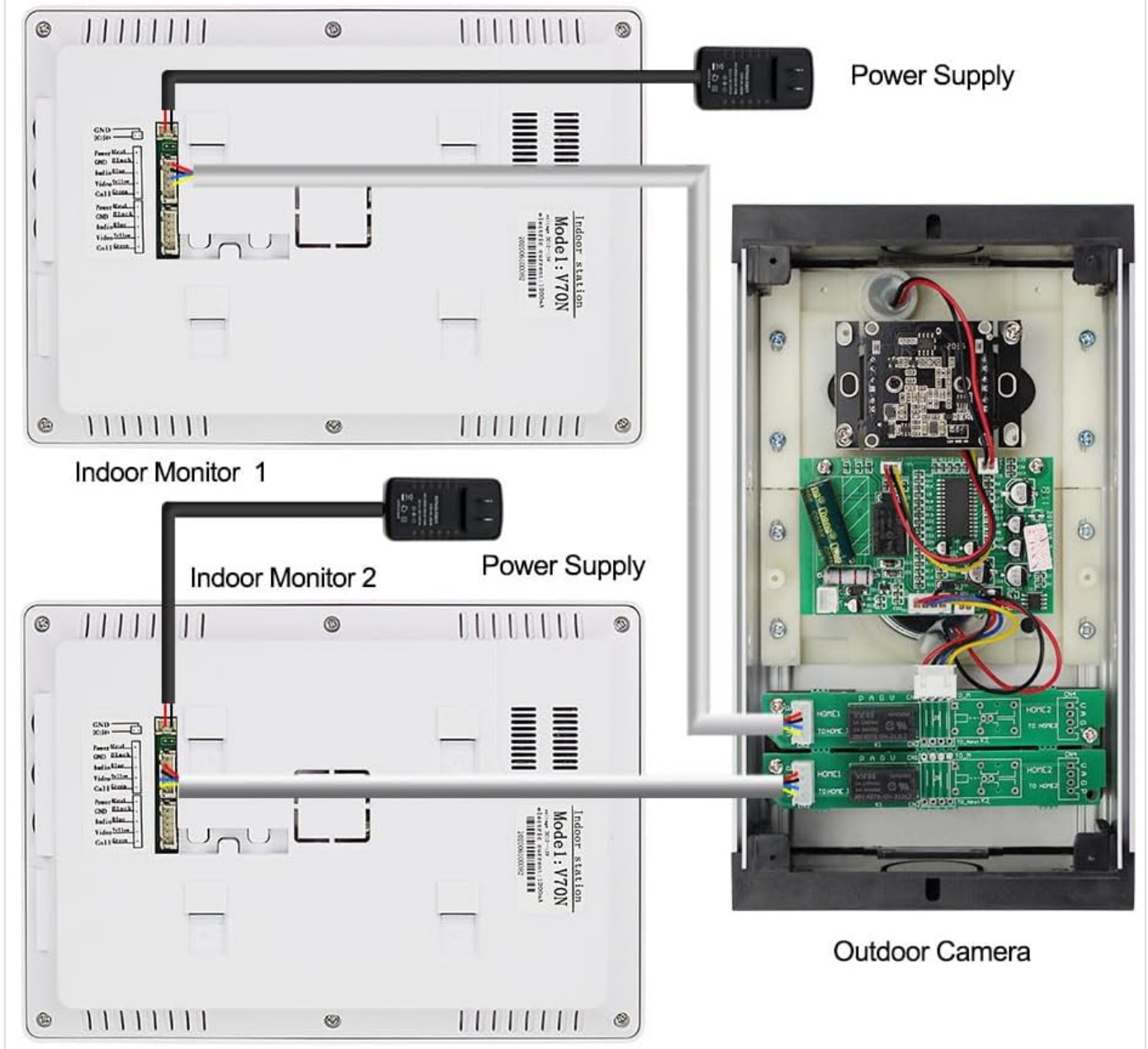


Figure 4.1: Wiring diagram illustrating the connection of the outdoor camera to two indoor monitors. The diagram shows a 4-core cable connecting the outdoor unit to the first indoor unit, and a 5-core cable connecting the first indoor unit to the second indoor unit. Each indoor monitor requires a separate power supply.

4.2 Indoor Monitor Installation

1. Mount the wall bracket in the desired location using the provided screws. Ensure the bracket is level and securely fastened.
2. Connect the 4-core or 5-core cable from the outdoor camera to the designated port on the back of the indoor monitor.
3. Connect the power adapter to the indoor monitor and plug it into a power outlet.
4. Carefully attach the indoor monitor to the wall bracket.

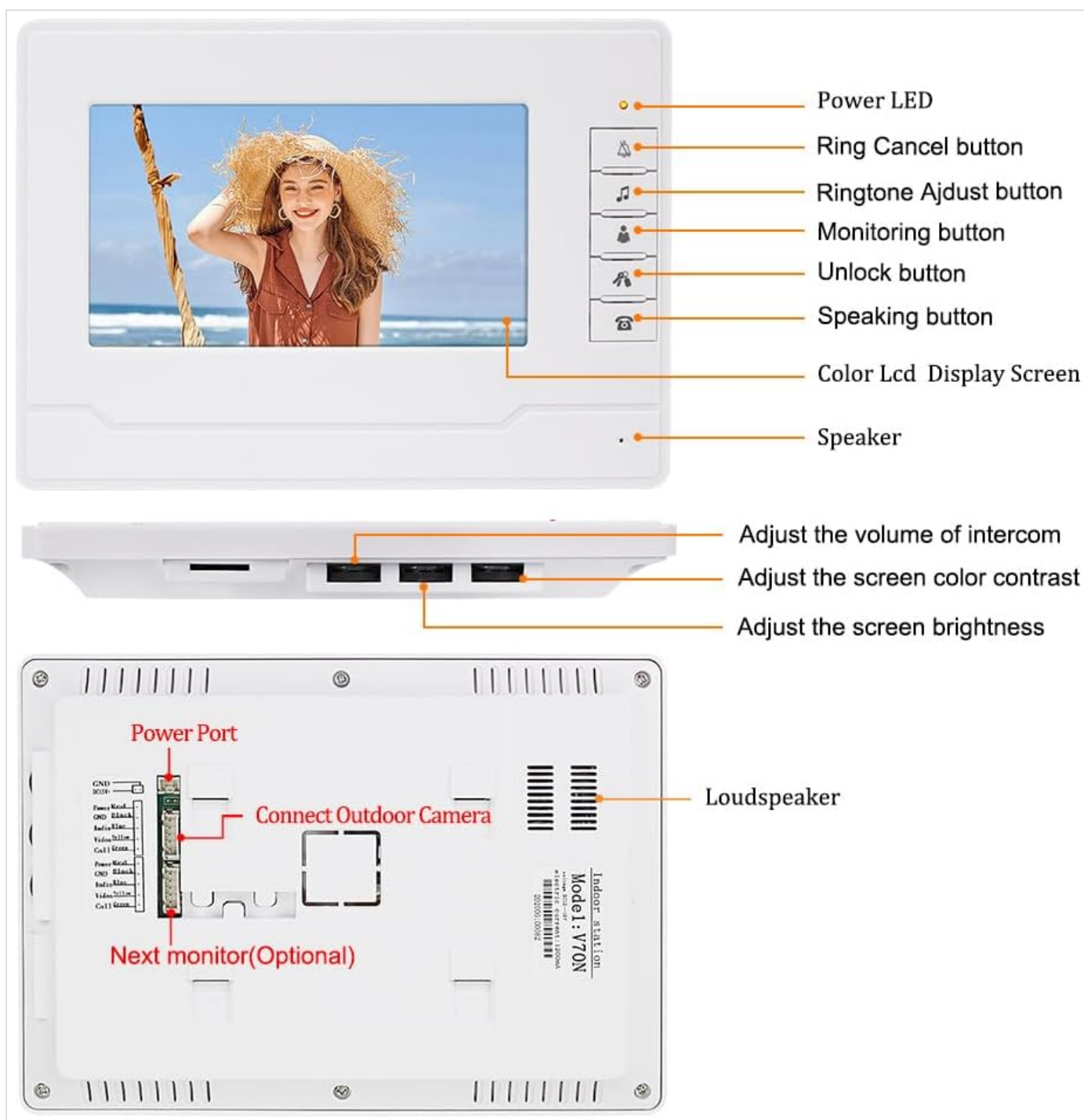


Figure 4.2: Rear view of the indoor monitor, highlighting the power port, connection port for the outdoor camera, and optional connection for an additional monitor. Also shown are adjustment knobs for intercom volume, screen color contrast, and screen brightness.

4.3 Outdoor Camera Installation

1. Choose a suitable location for the outdoor camera, typically near your entrance, ensuring it is protected from direct heavy rain if possible, despite being weather-resistant.
2. Mount the outdoor unit securely to a wall or surface using appropriate screws.
3. Connect the 4-core cable from the indoor monitor to the outdoor camera.
4. Ensure all connections are secure and waterproofed if exposed to the elements.

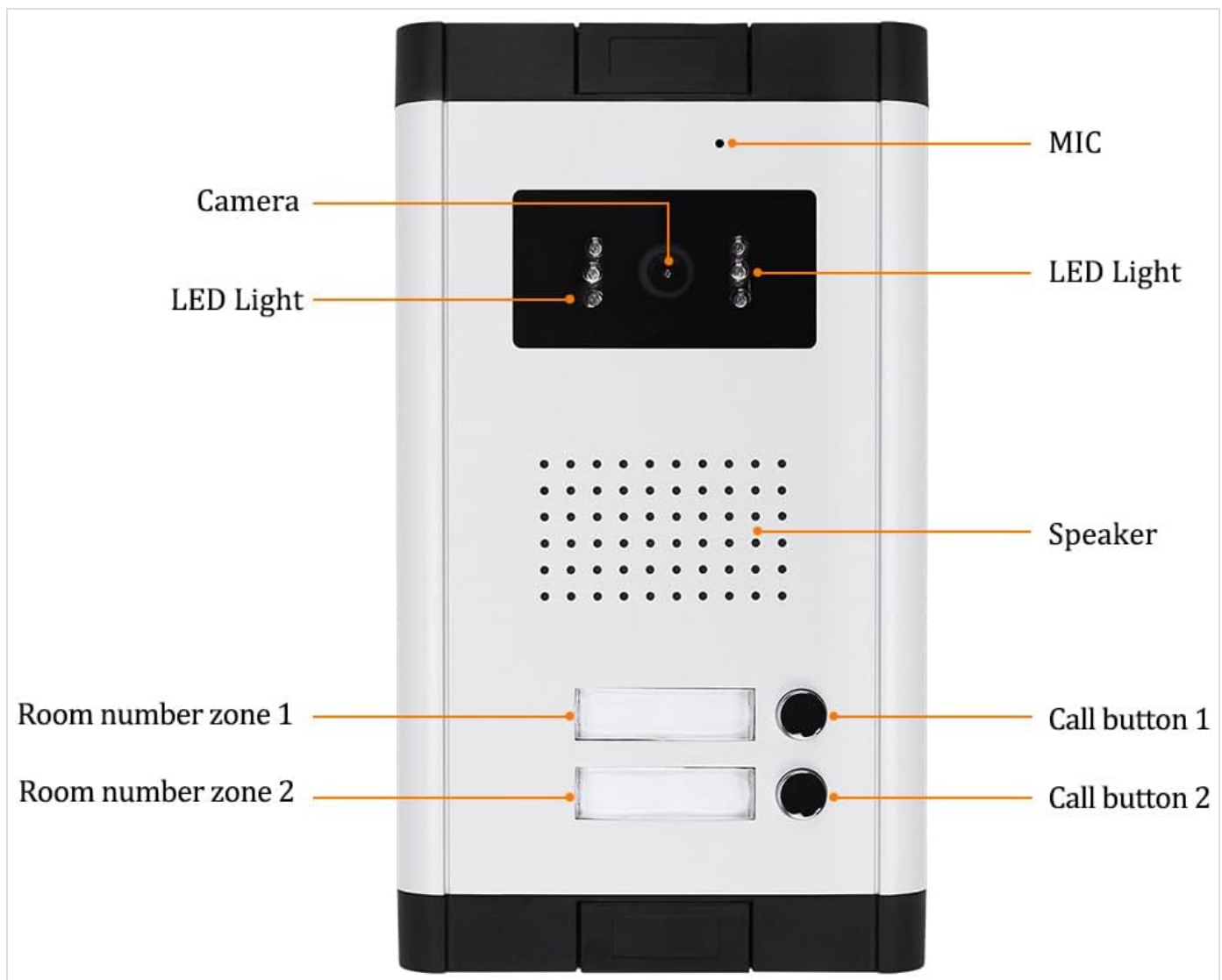


Figure 4.3: Front view of the outdoor camera unit, detailing its components: microphone (MIC), camera lens, LED lights for night vision, speaker grille, and two call buttons for different room numbers or units.

Note: Different distances require wires of different diameters. Please refer to the manual's specific wiring guidelines to select the appropriate cable for your installation.

5. OPERATION

5.1 Basic Functions

- **Receiving a Call:** When a visitor presses the call button on the outdoor unit, the indoor monitor will ring and display the visitor's image.
- **Answering a Call:** Press the **Speaking button** (handset icon) on the indoor monitor to establish two-way audio communication.
- **Monitoring:** Press the **Monitoring button** (eye icon) to view the outdoor camera feed at any time without a visitor pressing the call button.
- **Unlocking:** Press the **Unlock button** (key icon) to remotely unlock an electronic door lock connected to the system.
- **Ending a Call:** Press the **Speaking button** again or wait for the call to automatically disconnect after a set period.

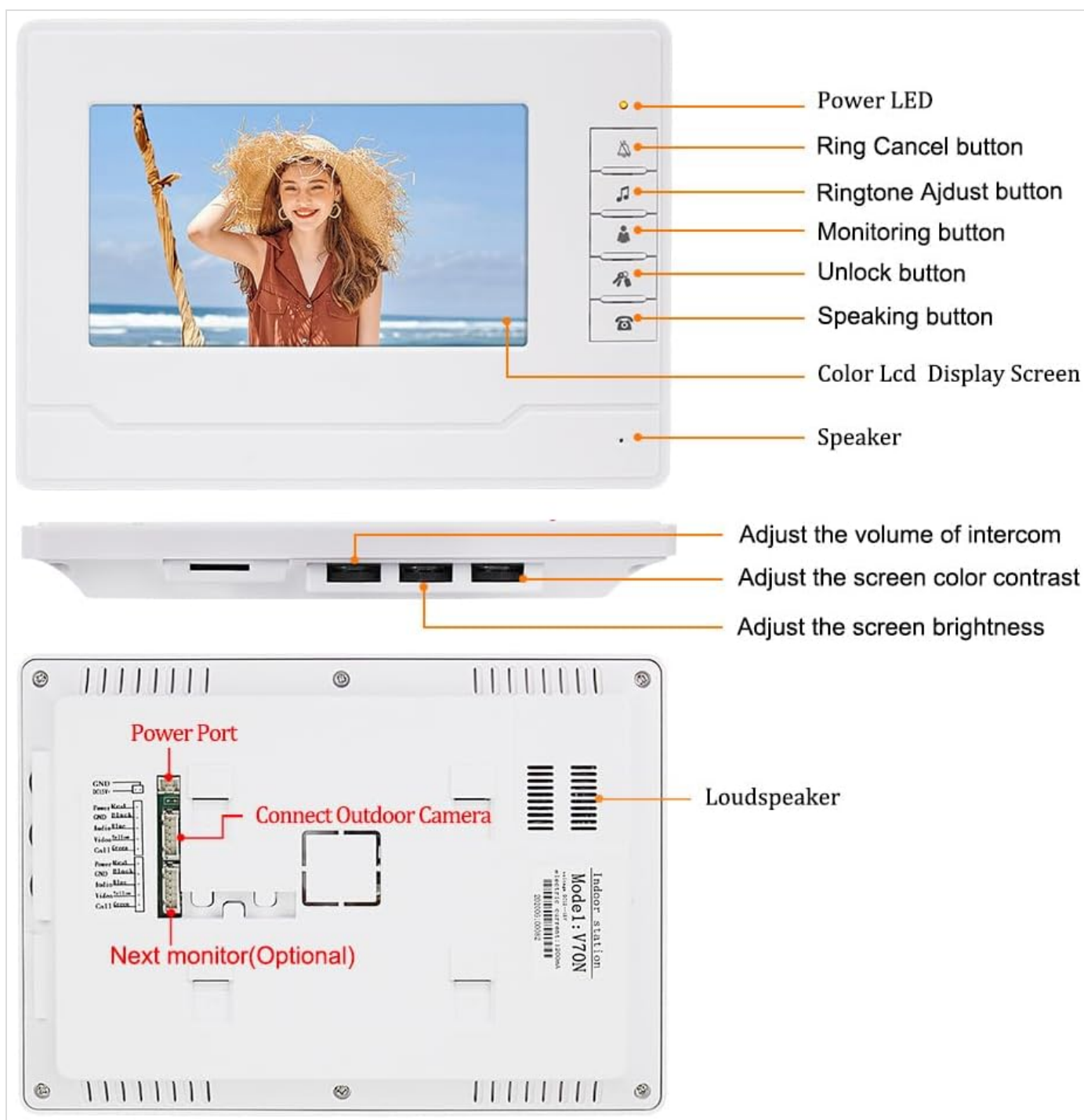


Figure 5.1: Close-up of the indoor monitor's control panel, showing the Power LED, Ring Cancel button, Ringtone Adjust button, Monitoring button, Unlock button, and Speaking button. The color LCD display screen and speaker are also indicated.

5.2 Adjusting Settings

- **Ringtone Selection:** Press the **Ringtone Adjust button** (music note icon) to cycle through 25 different ringtones.
- **Volume Adjustment:** Use the volume knob on the side/back of the indoor monitor to adjust the intercom volume.
- **Brightness/Contrast Adjustment:** Use the brightness and contrast knobs on the side/back of the indoor monitor to optimize display quality.
- **Do Not Disturb Mode:** The system supports a "Do Not Disturb" mode. Refer to the specific button or menu option on your monitor for activation (often indicated by a bell with a slash through it).

25 ringtones - free switch

The indoor monitor built-in 25 ring tones can be switched freely ,elegantly and fair-sounding. Both of the ringtones and volume can be adjustable, can meet the original needs of your time. Don't need to worry about can't hear voice or hear it too loud any more.

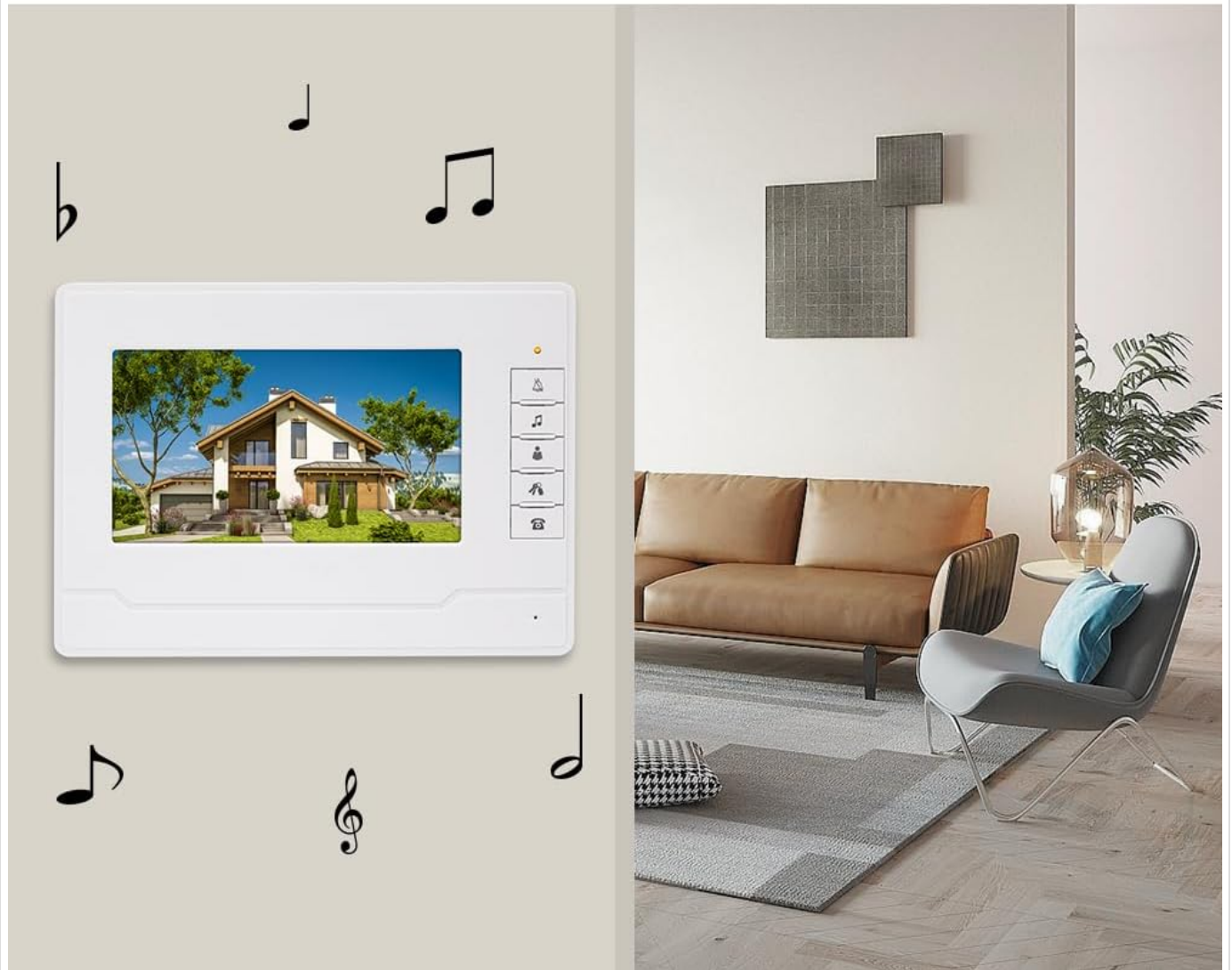


Figure 5.2: Overview of key features of the OBO HANDS intercom system, including the 7-inch TFT LCD screen, remote monitoring capability, visual intercom, remote unlock function, Do Not Disturb mode, day and night vision, 120-degree viewing angle, waterproof outdoor unit, multi-user support, and 25 selectable ringtones.

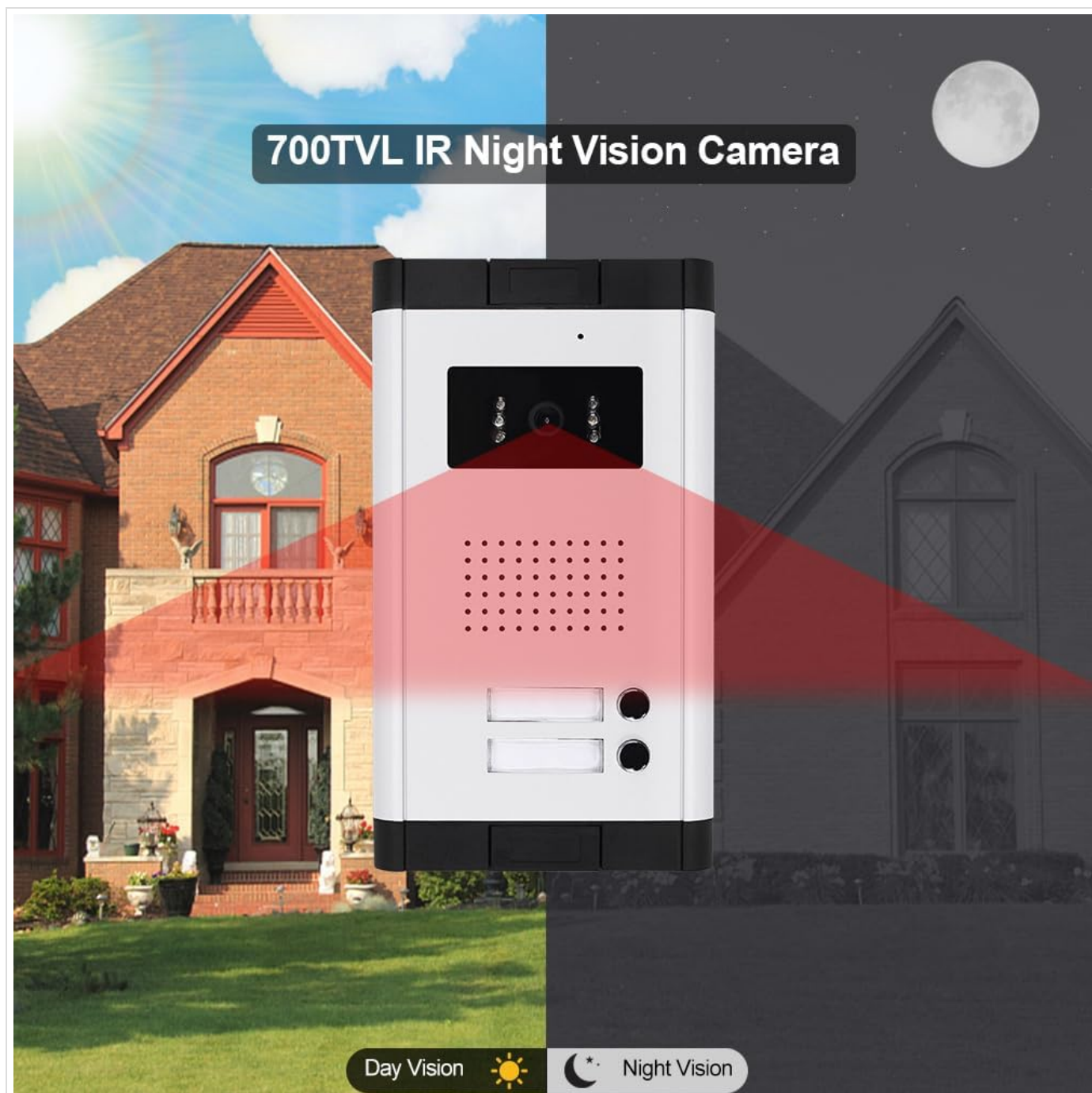


Figure 5.3: The indoor monitor displaying a house image, surrounded by musical notes, illustrating the feature of 25 selectable ringtones. This highlights the customizable audio alerts for incoming calls.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of both indoor and outdoor units. Do not use abrasive cleaners or solvents.
- **Outdoor Unit Care:** Regularly check the outdoor camera lens for dirt or obstructions and clean gently to ensure clear image quality.
- **Cable Inspection:** Periodically inspect all connection cables for signs of wear or damage. Replace damaged cables immediately to prevent system malfunction.
- **Power Supply:** Ensure the power adapters are securely plugged in and not damaged.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on indoor monitor	Loose cable connection; Power issue; Damaged camera.	Check all cable connections. Ensure power adapter is plugged in. Inspect camera for damage.
No audio during intercom	Microphone/speaker issue; Volume too low; Loose cable connection.	Adjust intercom volume. Check cable connections.
Outdoor unit not ringing indoor monitor	Call button malfunction; Wiring issue; Indoor monitor in Do Not Disturb mode.	Check wiring. Disable Do Not Disturb mode. Test call button functionality.
Poor image quality (blurry, dark)	Dirty camera lens; Insufficient lighting; Incorrect brightness/contrast settings.	Clean camera lens. Adjust brightness and contrast settings on the monitor. Ensure adequate lighting for the outdoor unit.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please contact OBO HANDS customer service through your purchase platform or refer to the contact details provided with your product packaging.

Please have your model number (B0CS3GZ5FJ) and purchase date ready when contacting support.

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Details

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

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