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› TMEZON 2-Wire Multi-Family Video Intercom System with 4 x 7-inch TFT Monitors, Model MZ-T30+MZ-C4

TMEZON MZ-T30+MZ-C4

TMEZON 2-Wire Multi-Family Video Intercom System

MODEL: MZ-T30+MZ-C4

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your TMEZON 2-Wire Multi-Family Video Intercom System. This system is designed for up to four apartments, offering enhanced security and convenience with its advanced features.

Key features include a 2-wire connection for simplified installation, four 7-inch TFT color monitors for clear viewing, an outdoor doorbell camera with infrared night vision, two-way audio communication, and compatibility with electronic locks.



Image 1.1: Overview of the TMEZON Video Intercom System components.

2. Package Contents

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

- 4 x 7-inch TFT Indoor Monitors
- 1 x Outdoor Doorbell Camera
- 1 x 32V Power Supply Unit
- 4 x 1-meter Connection Cables
- 4 x Bags of Mounting Screws and Anchors

3. Safety Information

Read all safety instructions before installation and operation. Failure to follow these instructions may result in electric shock, fire, or damage to the product.

- **Electrical Safety:** Ensure power is disconnected before performing any wiring. All electrical work should be performed by a qualified electrician if you are unsure.
- **Voltage:** The system operates at 32 Volts. Use only the provided power supply.
- **Outdoor Unit:** The outdoor doorbell camera is IPX5 certified, providing effective resistance against water splashes. However, avoid submerging the unit in water.
- **Cable Protection:** Protect all cables from damage, moisture, and extreme temperatures.

4. Setup and Installation

The TMEZON video intercom system utilizes a 2-wire connection, simplifying the installation process. No complex wiring is required; simply connect the two wires between the camera and each monitor, then connect the monitor's power supply.



Image 4.1: Product Overview Diagram with labeled components.

4.1. 2-Wire Connection

The 2-wire connection ensures stable signal transmission. For optimal performance, it is recommended to use an RVV2 × 0.75 mm² cable between the indoor monitor and the outdoor doorbell, with a maximum connection distance of up to 50 meters.

Product Size



Image 4.2: Illustration of the 2-Wire Technology connection.

4.2. Wiring Diagram

Refer to the following diagram for the complete system wiring, including connections for multiple indoor monitors and an electric lock.

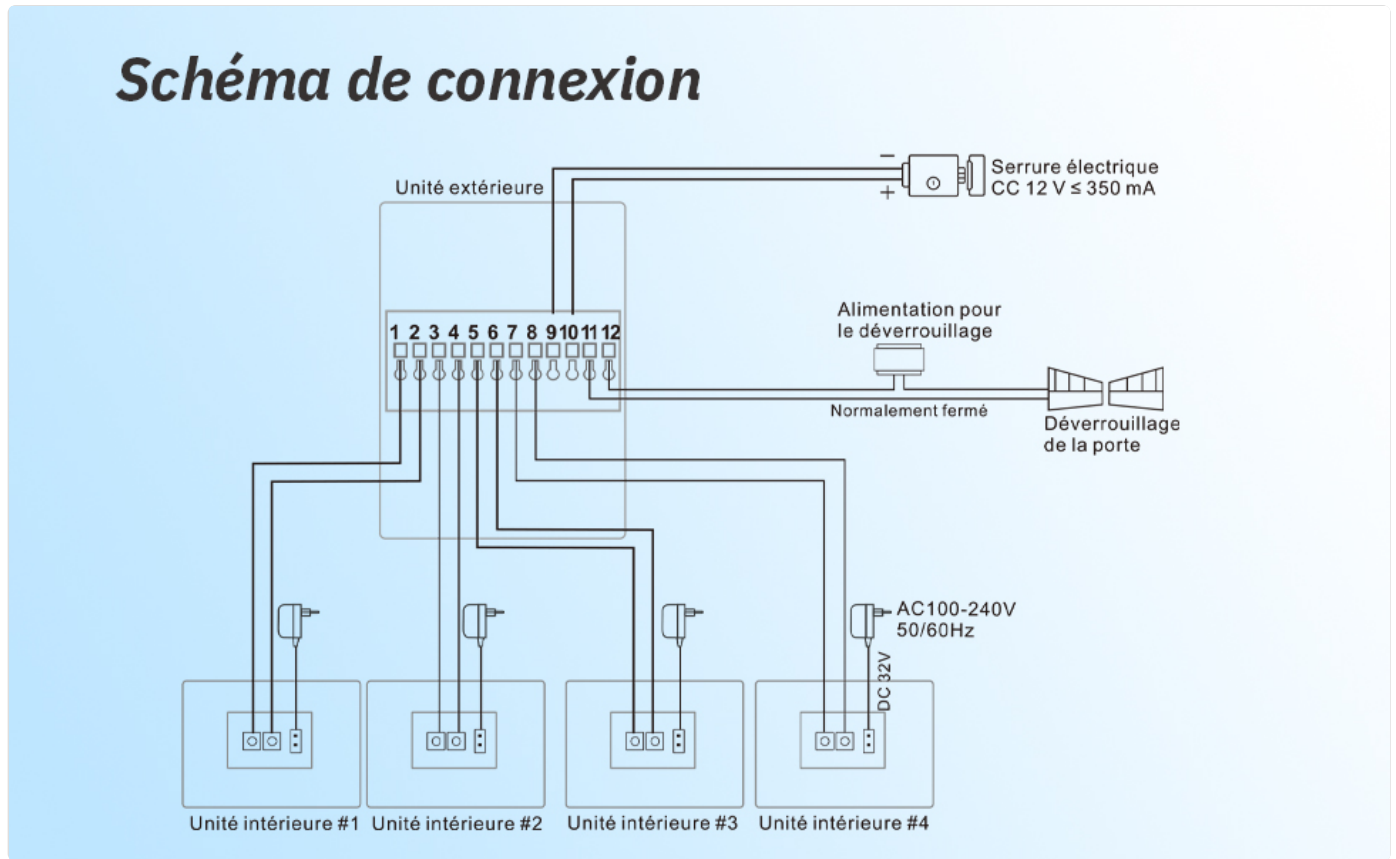


Image 4.3: Comprehensive Connection Diagram for the system.

4.3. Mounting the Units

Follow these general steps for mounting the outdoor doorbell and indoor monitors:

1. **Choose Location:** Select appropriate locations for the outdoor doorbell (near the entrance, at a suitable height) and indoor monitors (conveniently accessible within each apartment).
2. **Mark and Drill:** Use the mounting brackets as templates to mark drilling points on the wall. Drill holes and insert wall anchors if necessary.
3. **Secure Brackets:** Attach the mounting brackets securely to the wall using the provided screws.
4. **Connect Wiring:** Route the 2-wire cable and power cables through the wall and connect them to the respective terminals on the units. Ensure correct polarity.
5. **Mount Units:** Carefully attach the outdoor doorbell and indoor monitors to their respective brackets.



Image 4.4: Visual guide for the installation steps.

4.4. Electric Lock Connection

The outdoor doorbell is compatible with various types of electronic locks, eliminating the need for additional devices. Connect your electric lock to the designated terminals on the outdoor unit.

- **Gate Lock Specifications:** $\leq 30V$ 2A
- **Electronic Lock Specifications:** $\leq 350mA$



Image 4.5: Wiring diagram for connecting an electric lock.

5. Operating Instructions

5.1. Indoor Monitor Functions

The 7-inch TFT color monitor provides a clear and wide view of your visitors. The simple menu interface allows for easy adjustment of volume and brightness.

5.2. Two-Way Audio Communication

When a visitor presses the doorbell, the indoor monitor will ring and display the visitor's image. You can then engage in two-way audio communication without opening the door.

Weatherproof design



Image 5.1: Demonstrating the two-way audio feature.

5.3. Door Unlocking

You can unlock the connected electric door or gate directly from the indoor monitor by pressing the designated unlock button. This provides an added layer of security and convenience.

2 Way Audio



Image 5.2: One-key unlock function from the indoor monitor.

5.4. Night Vision

The outdoor doorbell camera is equipped with integrated infrared night vision, ensuring clear identification of visitors even in complete darkness.

16 Colorful Ringtones



Image 5.3: Night vision capability of the outdoor unit.

5.5. Ringtones and Do Not Disturb Mode

The system features 16 classic melodies. You can select your preferred ringtone through the monitor's menu. If you wish to avoid disturbances, activate the 'Do Not Disturb' mode directly from the device menu.

Electric Lock Connection

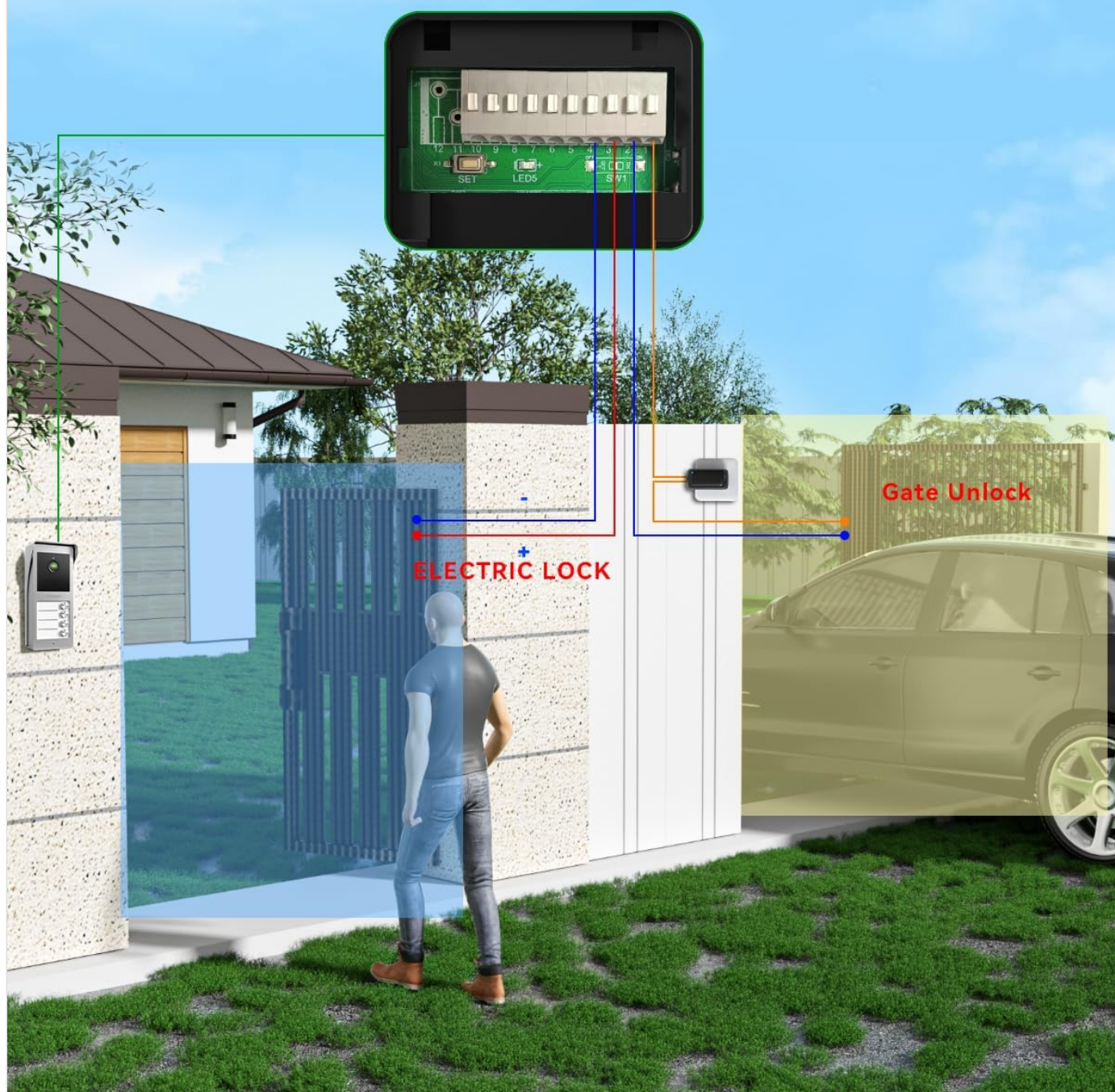


Image 5.4: Visual representation of the 16 selectable ringtones.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your intercom system.

- **Cleaning:** Use a soft, dry cloth to clean the indoor monitors. For the outdoor doorbell, use a damp cloth to wipe away dirt and dust. Avoid abrasive cleaners or solvents.
- **Check Connections:** Periodically inspect all wiring connections to ensure they are secure and free from corrosion.

- **Weather Protection:** While the outdoor unit is weather-resistant, ensure it is not exposed to extreme conditions beyond its IPX5 rating. Clear any obstructions from the camera lens and microphone.

Night Vision with IR Cut



Image 6.1: Weatherproof design of the outdoor doorbell.

7. Troubleshooting

If you encounter issues with your TMEZON video intercom system, refer to the following common troubleshooting steps:

- **No Video/Audio:**

- Check all 2-wire connections between the outdoor unit and indoor monitors.
- Ensure the power supply is correctly connected and receiving power.
- Verify that the monitor is turned on and not in standby mode.

- **Door Not Unlocking:**

- Inspect the wiring between the outdoor unit and the electric lock.
- Confirm that the electric lock is receiving adequate power and meets the specified voltage/current requirements.
- Test the electric lock independently if possible.

- **Poor Night Vision:**

- Clean the camera lens on the outdoor unit to remove any dirt or smudges.
- Ensure there are no obstructions blocking the infrared sensors.

- **No Ringtone:**

- Check the volume settings on the indoor monitor.
- Verify that 'Do Not Disturb' mode is not activated.

If problems persist after attempting these steps, please contact TMEZON customer support for further assistance.

8. Specifications

Feature	Specification
Brand	TMEZON
Model Number	MZ-T30+MZ-C4
ASIN	B0FB8DGDD9
Connectivity Protocol	2-Wire Cable Connector
Indoor Monitor Screen	7-inch TFT Color Display
Number of Monitors	4
Outdoor Unit Features	Camera, Night Vision, Two-Way Audio, IPX5 Weather Resistance
Voltage	32 Volts
Electric Lock Compatibility	Gate Lock $\leq 30V$ 2A, Electronic Lock $\leq 350mA$
Ringtones	16 selectable melodies
Recommended Cable	RVV2 $\times$ 0.75 mm ² (up to 50m)
Package Dimensions	24.5 x 23.4 x 17.6 cm
Package Weight	2.83 kilograms
Country of Origin	China

9. Warranty and Support

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. For technical support or further inquiries, please visit the official TMEZON website or contact their customer service department.

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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