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› TMEZON V20 Video Intercom System User Manual

TMEZON MZ-V20*2+MZ-A2

TMEZON V20 Video Intercom System User Manual

Model: MZ-V20*2+MZ-A2

1. INTRODUCTION

Thank you for choosing the TMEZON V20 Video Intercom System. This comprehensive kit provides enhanced security and convenience for your home or office, allowing you to see, hear, and speak with visitors before granting access. This manual will guide you through the installation, operation, and maintenance of your new system.



This image displays the complete TMEZON V20 Video Intercom System, featuring two 7-inch indoor monitors and the outdoor doorbell unit, ready for installation.

2. PACKAGE CONTENTS

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

- 2 x 7-inch Indoor Monitors
- 1 x Outdoor Doorbell Unit with Rain Cover
- 2 x 12V Power Adapters for Indoor Monitors
- 1 x 1m Test Cable
- 1 x Screw Bag + Short Cable
- Mounting Brackets
- User Manual



This image shows all items included in the TMEZON V20 Video Intercom Kit: two indoor monitors, one outdoor doorbell unit, power adapters, mounting brackets, screws, and a user manual.

3. COMPONENTS OVERVIEW

Outdoor Doorbell Unit

The outdoor unit is designed for durability and clear communication:

Platine de rue



This image highlights the key components of the outdoor unit: 1. Rain cover, 2. Microphone, 3. Lens, 4. Photocell, 5. LED light, 6. Nameplate, 7. Call button, 8. Speaker.

- **700TVL Camera:** Provides clear video resolution.
- **Night Vision:** Infrared LEDs enable clear viewing in low-light conditions.
- **Two-Way Audio:** Built-in microphone and speaker for communication.
- **IP55 Weatherproof:** Protected against dust and water splashes.
- **Rain Cover:** Additional protection from elements.

Indoor Monitor

The 7-inch indoor monitor serves as your control center:

- **1024x600 Resolution:** High-resolution display for clear images.

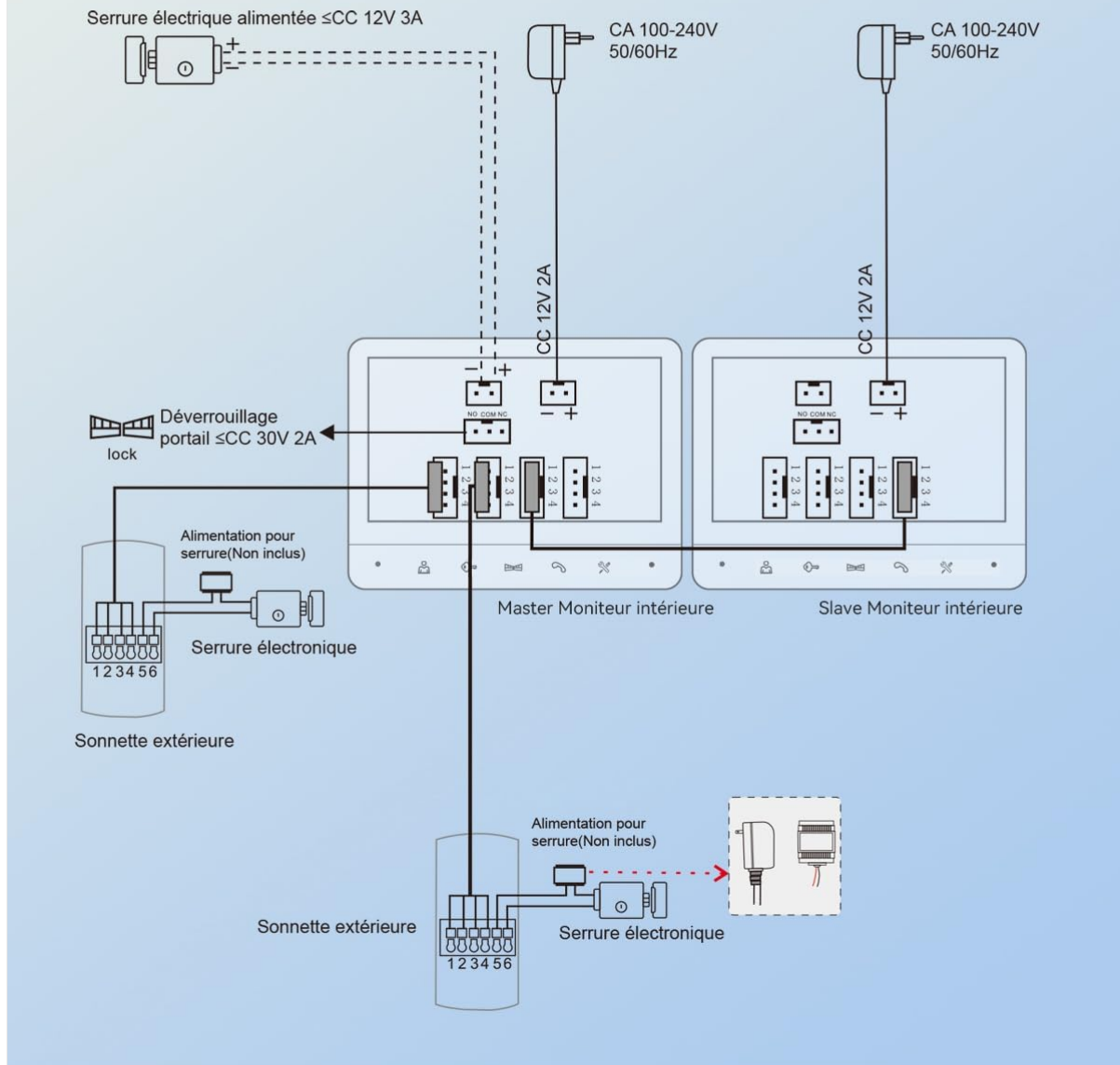
- **Adjustable Brightness:** Customize display settings.
- **16 Ringtones:** Choose from various melodies for incoming calls.
- **Volume Control:** Adjust intercom volume up to 80dB.
- **One-Button Unlock:** Conveniently open electronic locks.

4. SETUP AND INSTALLATION

The TMEZON V20 system uses a 4-wire connection for easy installation. Please follow the wiring diagram carefully.

Wiring Diagram

Schéma de câblage



This diagram illustrates the 4-wire connection setup for the system, including connections for the indoor monitors, outdoor unit, and optional electronic locks.

Key Connection Points:

- Connect the outdoor unit to the indoor monitor using the provided 4-wire cable.
- Each indoor monitor is powered by its dedicated 12V 2-wire power adapter. Ensure the power supply is 12V.
- For electronic lock integration, connect the lock to either the monitor or the doorbell unit. Only one connection point for the lock is supported.

Mounting

Mount the outdoor unit at an appropriate height near your entrance, ensuring a clear view of visitors. Install the indoor monitors at a convenient location inside your home, typically near the main entrance or

in a central area.

5. OPERATING INSTRUCTIONS

Answering a Call

When a visitor presses the call button on the outdoor unit, the indoor monitor(s) will ring and display the visitor's image. Press the 'Answer' button on the monitor to initiate two-way audio communication.



The outdoor unit supports clear two-way audio communication, allowing you to speak with visitors at your door.

Unlocking the Door

If an electronic lock is connected, you can unlock the door directly from the indoor monitor. During a call or while monitoring, press the 'Unlock' button on the monitor. This will activate the electronic lock, allowing entry.



With a single touch on the indoor monitor, you can conveniently unlock an electronic door lock connected to the system.

Multi-Intercom Function

The system supports communication between multiple indoor monitors. This allows family members or colleagues on different floors to communicate with each other.

Fonction multi-interphones

Communiquez avec votre famille à différents étages



The system allows for internal communication between multiple indoor monitors, enabling easy communication within your home or office.

Adjusting Settings

The indoor monitor allows you to adjust various settings, including screen brightness, ringtone selection, and intercom volume. Refer to the on-screen menu for detailed options.

16 sonneries pour égayer votre vie

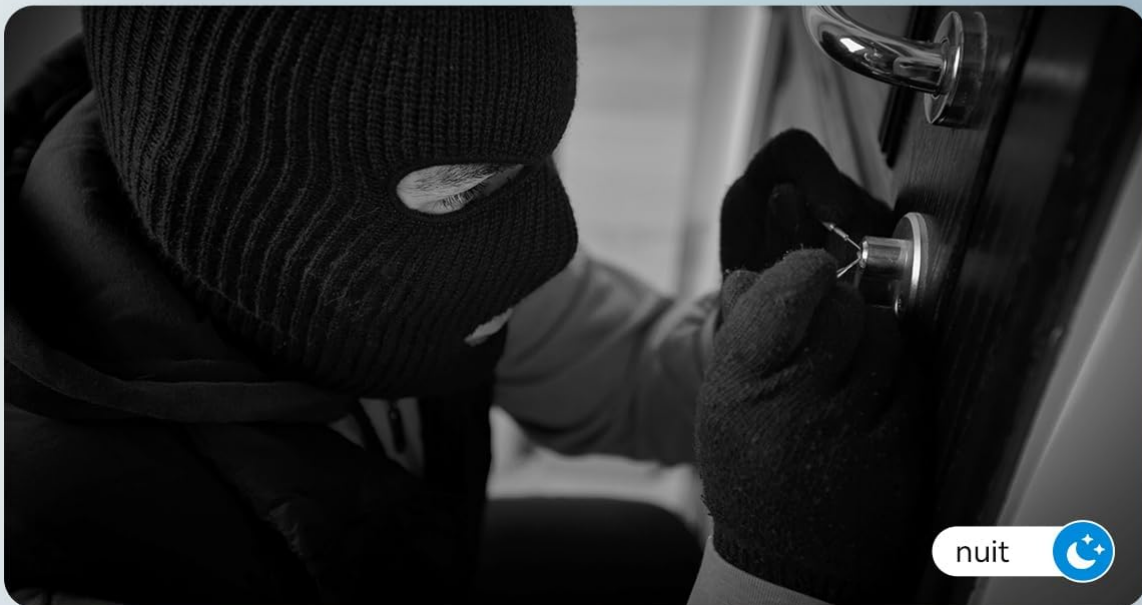


The indoor monitor features 16 selectable ringtones to personalize your doorbell sound.

Day and Night Vision

The outdoor unit automatically switches between day (color) and night (black and white infrared) vision modes to ensure clear visibility at all times.

Jour et nuit



The outdoor unit provides clear video feed both during the day in color and at night in black and white infrared vision.

6. MAINTENANCE

To ensure optimal performance and longevity of your TMEZON Video Intercom System, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to clean the surfaces of both the indoor monitor and outdoor unit. Avoid abrasive cleaners or solvents that could damage the finish or screen.
- **Outdoor Unit:** Regularly check the outdoor unit for any obstructions (dirt, spiderwebs) on the camera lens or microphone/speaker grilles. The IP55 rating protects against rain, but ensure the rain

cover is properly installed.

- **Cabling:** Periodically inspect the wiring for any signs of wear or damage, especially outdoor cables.



The outdoor unit is designed with an IP55 rating, ensuring protection against dust and water splashes, suitable for various outdoor environments.

7. TROUBLESHOOTING

If you encounter any issues with your TMEZON Video Intercom System, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on indoor monitor.	Loose wiring connection; Power supply issue; Damaged cable.	Check all 4-wire connections between the outdoor unit and monitor. Ensure the monitor's power adapter is securely plugged in and providing 12V. Inspect cables for damage.
No audio or poor audio quality.	Microphone/speaker obstruction; Loose audio wires; Volume too low.	Clear any debris from the microphone and speaker grilles. Check the audio wire connections. Adjust the intercom volume on the indoor monitor.
Door lock not opening.	Incorrect wiring to electronic lock; Lock power supply issue; Lock malfunction.	Verify the electronic lock wiring according to the diagram. Ensure the lock has its own power supply if required. Test the electronic lock independently.
Monitor not turning on.	No power to monitor; Faulty power adapter.	Check if the 12V power adapter is correctly plugged into the monitor and a working power outlet. Try a different power outlet.

8. SPECIFICATIONS

Feature	Detail
Model Number	MZ-V20*2+MZ-A2
Indoor Monitor Screen	7-inch (1024x600 RGB Resolution)
Outdoor Unit Camera	700TVL, 80° viewing angle
Weather Resistance	IP55 (Outdoor Unit)
Power Supply	12V (for monitors)
Intercom Volume	Up to 80dB (10 adjustable levels)
Ringtones	16 built-in melodies
Wiring Type	4-wire system
Package Dimensions	21 x 15.4 x 12.5 cm
Package Weight	1.47 kilograms

Taille du produit



This image provides the physical dimensions of both the indoor monitor and the outdoor doorbell unit for installation planning.

9. WARRANTY AND SUPPORT

TMEZON is committed to providing high-quality products and customer satisfaction. For any questions, technical assistance, or support regarding your TMEZON Video Intercom System, please do not hesitate to contact the seller or TMEZON technical personnel.

Please refer to your purchase documentation for specific warranty terms and conditions.

