Comelit HFX-7000M

Comelit HFX-7000M Video Intercom Kit User Manual

Model: HFX-7000M

1. Introduction

Welcome to the user manual for the Comelit HFX-7000M Video Intercom Kit. This system provides secure and convenient communication with visitors at your entrance, featuring high-definition video and two-way audio. Designed for ease of use and reliable performance, the HFX-7000M enhances your property's security and accessibility. Please read this manual thoroughly before installation and operation to ensure proper use and to maximize the system's capabilities.

2. Package Contents

Verify that all components are present in the package before proceeding with installation. If any items are missing or damaged, please contact your supplier.

- HFX-7000M Outdoor Station (Doorbell Unit with Camera)
- HFX-7000M Indoor Monitor (Display Unit)
- Mounting Brackets and Screws
- Power Adapter(s) (may vary by region/kit)
- Connection Cables (if applicable)
- User Manual (this document)

3. Product Overview

The Comelit HFX-7000M system consists of two primary units: the outdoor station and the indoor monitor.



Figure 3.1: Comelit HFX-7000M System Components. The image displays the outdoor station on the left, featuring a call button and nameplate, and the indoor monitor on the right, showing a screen displaying a live video feed and control buttons below.

3.1 Outdoor Station

- **Camera Lens:** Captures 1080p video of visitors.
- **Microphone:** For audio communication from the visitor.
- **Speaker:** For audio communication to the visitor.
- **Call Button:** Initiates a call to the indoor monitor.
- **Nameplate:** For displaying resident's name or unit number.

3.2 Indoor Monitor

- **Display Screen:** Shows live video feed from the outdoor station.
- **Microphone:** For audio communication from the resident.
- **Speaker:** For audio communication to the resident.
- **Control Buttons:** Typically include answer/hang-up, door release, monitoring, and settings.
- **Wi-Fi Antenna:** For wireless connectivity (802.11 ac/b/g/n).

4. Setup and Installation

Proper installation is crucial for optimal performance. It is recommended to consult a qualified technician for complex wiring or mounting.

4.1 Outdoor Station Installation

1. **Choose Location:** Select a suitable location near your entrance, protected from direct rain and sunlight, at a height that allows clear viewing of visitors.
2. **Mounting:** Use the provided mounting bracket as a template to mark drill holes. Secure the bracket to the wall using appropriate screws and anchors.
3. **Wiring (if applicable):** Connect power and signal cables (e.g., BNC, RJ45) according to the wiring diagram provided with your specific kit. Ensure all connections are secure.
4. **Attach Unit:** Secure the outdoor station to the mounted bracket.

4.2 Indoor Monitor Installation

1. **Choose Location:** Select a central location inside your property, such as a hallway or living area, where the monitor is easily accessible.
2. **Mounting:** Similar to the outdoor station, use the mounting bracket to mark and drill holes, then secure the bracket to the wall.
3. **Power Connection:** Connect the power adapter to the indoor monitor and plug it into a standard electrical outlet.
4. **Attach Unit:** Secure the indoor monitor to its mounted bracket.

4.3 Network Configuration (Wireless)

1. **Power On:** Ensure both the outdoor station and indoor monitor are powered on.
2. **Access Settings:** On the indoor monitor, navigate to the network settings menu.
3. **Connect to Wi-Fi:** Select your Wi-Fi network (802.11 ac/b/g/n) from the list of available networks and enter the password.
4. **Pairing:** Follow the on-screen prompts to pair the outdoor station with the indoor monitor. This may involve pressing a pairing button on the outdoor unit or scanning a QR code.
5. **Test Connection:** Once connected, test the system by pressing the call button on the outdoor station to ensure the indoor monitor rings and video/audio transmission is clear.

5. Operating Instructions

5.1 Receiving a Call

- When a visitor presses the call button on the outdoor station, the indoor monitor will ring and display the live video feed.
- Press the **Answer** button (often represented by a phone icon) on the indoor monitor to establish two-way communication.

5.2 Two-Way Communication

- Speak clearly into the indoor monitor's microphone. Your voice will be transmitted to the outdoor station.
- Listen for the visitor's response through the indoor monitor's speaker.
- To end the conversation, press the **Hang Up** button (often represented by a red phone icon).

5.3 Monitoring

- To view the live video feed from the outdoor station without a call, press the **Monitor** button (often represented by an eye or camera icon) on the indoor monitor.
- This feature allows you to check your entrance at any time.

5.4 Door Release (Optional Feature)

- If your system is connected to an electronic door lock, press the **Door Release** button (often represented by a key or unlock icon) on the indoor monitor to remotely unlock the door.
- *Ensure you have visually identified the visitor before using this function.*

5.5 Recording

- **Motion Detection Recording:** The system can be configured to automatically record video when motion is detected near the outdoor station. Refer to the indoor monitor's settings menu to enable and adjust motion detection sensitivity.
- **Manual Recording:** During a call or while monitoring, you may have the option to manually initiate a recording by pressing a dedicated **Record** button.
- Recordings are typically stored on an internal memory or an inserted SD card (if supported).

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Comelit HFX-7000M system.

- **Cleaning:** Use a soft, damp cloth to gently wipe the surfaces of both the outdoor station and indoor monitor. Avoid abrasive cleaners or solvents. Ensure the camera lens on the outdoor unit is clean for clear video.
- **Firmware Updates:** Periodically check the manufacturer's website or the indoor monitor's settings for available firmware updates. Updates can improve performance, add features, or address security vulnerabilities.
- **Power Supply:** Ensure the power connections are secure and the power adapter is not damaged.
- **Wireless Signal:** If experiencing connectivity issues, check your Wi-Fi router's signal strength and position relative to the indoor monitor.

7. Troubleshooting

If you encounter issues with your HFX-7000M system, refer to the following common problems and solutions.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No video on indoor monitor.	Loose connection, power issue, camera obstruction, pairing issue.	Check all cable connections. Ensure both units are powered on. Clean camera lens. Re-pair units if necessary.
No audio during communication.	Microphone/speaker obstruction, volume too low, connection issue.	Check for obstructions on microphone/speaker. Adjust volume settings. Verify stable connection.
Indoor monitor not ringing.	Ringer volume off, silent mode enabled, pairing issue, outdoor station malfunction.	Check ringer volume settings. Disable silent mode. Re-pair units. Test outdoor station call button.
Poor video quality.	Dirty lens, poor lighting, weak Wi-Fi signal.	Clean camera lens. Ensure adequate lighting. Improve Wi-Fi signal strength or relocate units.
Cannot connect to Wi-Fi.	Incorrect password, out of range, router issue.	Verify Wi-Fi password. Move monitor closer to router. Restart router.

8. Specifications

Feature	Detail
Model	HFX-7000M
Brand	Comelit
Video Capture Resolution	1080p
Connectivity Technology	Wireless (802.11 ac/b/g/n)
Compatible Devices	Cameras, DVRs, NVRs
Video Input	BNC, RJ45
Power Source	Battery Powered (Note: Batteries not included/required for operation, typically implies external power supply or specific battery type)
Number of Channels	8
Recording Mode	Motion Detection, Manual
Optical Sensor Technology	CMOS

9. Warranty and Support

Comelit products are designed for reliability and performance. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Comelit website.

For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact Comelit customer service. Contact information can typically be found on the Comelit official website or on your product packaging.

Online Resources: For the latest information, FAQs, and additional support documents, please visit the official Comelit website.

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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.

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