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## GOLMAR GS5110/ART7W

# Golmar S5110/ART 7W Video Intercom Kit User Manual

Model: GS5110/ART7W

## 1. INTRODUCTION

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Thank you for choosing the Golmar S5110/ART 7W Video Intercom Kit. This manual provides detailed instructions for the installation, operation, and maintenance of your new video intercom system. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image 1.1: Golmar S5110/ART 7W Video Intercom Kit. This image displays the main components of the kit, including the 7-inch indoor monitor and the outdoor call panel.

## 2. SAFETY INFORMATION

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Please observe the following safety precautions to prevent damage to the product and ensure user safety:

- **Electrical Safety:** Installation should be performed by a qualified electrician to avoid electric shock or fire hazards.
- **Power Supply:** Use only the specified power adapter and voltage.
- **Environment:** Do not expose the device to rain, moisture, direct sunlight, or extreme temperatures.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Disassembly:** Do not attempt to disassemble or repair the unit yourself. Contact qualified service personnel.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- 1 x Golmar 7-inch Monitor
- Cables for Wi-Fi connection
- User Manual
- *(Outdoor call panel and mounting accessories are typically included in a kit, though not explicitly listed in the provided product data, it is standard for a video intercom kit.)*

## 4. PRODUCT OVERVIEW

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### 4.1. Indoor Monitor (ART 7W)

The 7-inch indoor monitor serves as the central control unit for your video intercom system. It features a high-resolution display, touch-sensitive buttons, and integrated Wi-Fi for remote access.

- **Display:** 7-inch color screen for clear video feed.
- **Buttons:** Call answer, door release, monitor view, and menu navigation.
- **Microphone & Speaker:** For two-way audio communication.
- **Wi-Fi Module:** Enables connection to your home network and mobile app.

### 4.2. Outdoor Call Panel (S5110)

The outdoor call panel is equipped with a camera, microphone, speaker, and a call button. It is designed for outdoor use and provides clear video and audio transmission.

- **Camera:** Captures video of visitors.
- **Call Button:** Initiates a call to the indoor monitor.
- **Night Vision:** For visibility in low-light conditions.
- **Weather-resistant:** Designed to withstand outdoor elements.

## 5. INSTALLATION

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**Important:** Installation of this video intercom system involves electrical wiring. It is highly recommended that installation be performed by a qualified professional to ensure safety and proper functionality.

### 5.1. Mounting the Outdoor Call Panel

1. Choose a suitable location near your entrance, at a height that allows visitors to be clearly seen by the camera (typically 1.5-1.6 meters from the ground).

2. Mark the drilling points using the mounting bracket as a template.
3. Drill holes and insert wall plugs.
4. Secure the mounting bracket to the wall.
5. Connect the necessary wiring (power, video, audio, door release) to the outdoor unit terminals as per the wiring diagram (refer to the full wiring diagram provided in the physical manual).
6. Attach the outdoor call panel to the mounting bracket.

## 5.2. Mounting the Indoor Monitor

1. Select an indoor location for the monitor, typically near the main entrance or in a central area.
2. Mark drilling points and secure the monitor mounting bracket to the wall.
3. Connect the wiring from the outdoor unit and power supply to the indoor monitor terminals. Ensure correct polarity.
4. Attach the indoor monitor to its mounting bracket.

## 5.3. Powering On

Once all connections are secure, connect the system to the main power supply. The monitor should power on and display the standby screen.

# 6. OPERATING INSTRUCTIONS

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## 6.1. Answering a Call

When a visitor presses the call button on the outdoor panel, the indoor monitor will ring and display the visitor's image.

- Press the **Answer** button (often depicted as a telephone icon) on the monitor to establish two-way audio communication.
- To end the call, press the **End Call** button.

## 6.2. Door Release

During a call or while monitoring the outdoor unit, you can unlock the door (if an electronic lock is connected).

- Press the **Door Release** button (often depicted as a key or unlock icon) on the monitor.

## 6.3. Monitoring Outdoor View

You can view the outdoor camera feed at any time without a visitor pressing the call button.

- Press the **Monitor** button (often depicted as a camera icon) on the monitor.
- Press it again to cycle through multiple outdoor units (if applicable) or to end monitoring.

## 6.4. Adjusting Settings

Access the monitor's menu to adjust settings such as ringtone, volume, display brightness, and date/time.

- Press the **Menu** button to enter the settings interface.
- Use the navigation buttons to select and adjust options.
- Press **Exit** or **Back** to return to the main screen.

# 7. WI-FI SETUP AND APP USAGE

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The integrated Wi-Fi feature allows you to connect your video intercom to your home network and manage calls and monitoring via a mobile application.

## 7.1. Connecting to Wi-Fi

1. On the indoor monitor, navigate to the **Settings** menu.
2. Select **Network** or **Wi-Fi Settings**.
3. Enable Wi-Fi and select your home network from the list of available networks.
4. Enter your Wi-Fi password and confirm. The monitor should indicate a successful connection.

## 7.2. Mobile App Installation and Pairing

1. Download the official Golmar video intercom app from your smartphone's app store (iOS App Store or Google Play Store).
2. Register for an account if required.
3. Follow the in-app instructions to add your device. This typically involves scanning a QR code displayed on the indoor monitor or manually entering the device ID.
4. Once paired, you will receive notifications for incoming calls, view live video, and unlock the door remotely via the app.

## 8. MAINTENANCE

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

- **Cleaning:** Use a soft, slightly damp cloth to clean the monitor screen and outdoor panel. Avoid abrasive cleaners or solvents.
- **Outdoor Unit:** Periodically check the outdoor call panel for any obstructions to the camera or microphone, and ensure it is free from dirt or spiderwebs.
- **Software Updates:** Check the manufacturer's website or the mobile app for any available firmware updates for your device.

## 9. TROUBLESHOOTING

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If you encounter issues with your Golmar S5110/ART 7W Video Intercom Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on indoor monitor.	Loose wiring, power issue, faulty camera.	Check all wiring connections. Ensure power supply is active. Contact support if problem persists.
No audio or poor audio quality.	Microphone/speaker obstruction, loose wiring, volume too low.	Check for obstructions. Verify wiring. Adjust volume settings on the monitor.
Monitor not ringing when call button is pressed.	Ringtone volume too low, faulty call button, wiring issue.	Increase ringtone volume. Check wiring between outdoor unit and monitor.
<b>Mobile app does not connect or takes long to connect.</b>	Weak Wi-Fi signal, incorrect Wi-Fi password, app server issues, firewall.	Ensure strong Wi-Fi signal at the monitor location. Re-enter Wi-Fi password. Restart monitor and router. Check app for updates.
<b>Poor night vision.</b>	Infrared (IR) illuminators obstructed or faulty, external light interference.	Ensure the outdoor camera lens and IR illuminators are clean and unobstructed. Avoid placing the unit directly under bright lights that might interfere with IR.
Door release not working.	Incorrect wiring to electric lock, faulty lock, power issue to lock.	Verify wiring to the electric lock. Test the lock independently. Consult a professional.

## 10. SPECIFICATIONS

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Feature	Detail
Brand	Golmar
Model Number	GS5110/ART7W
Product Dimensions	18.5 x 9 x 2.4 cm; 1.88 kg
Screen Size	7 Inches
Max Resolution	HD (720p video capture resolution)
Wireless Connectivity Type	802.11a/b/g/n/ac (Wi-Fi)
Operating System	Proprietary
Special Feature	Integrated Wi-Fi
Photo Sensor Technology	CMOS
Video Capture Format	MP4
Supported Audio Format	AAC or MP3

## 11. WARRANTY AND SUPPORT

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For warranty information, please refer to the documentation provided with your purchase or contact your retailer. Golmar provides technical support for its products.

If you require further assistance or have questions not covered in this manual, please contact Golmar customer service or your authorized dealer.