Comelit 4660

COMELIT SIMPLEBUS Audio/Video Intercom Module User Manual

Model: 4660
Brand: Comelit

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Comelit SIMPLEBUS Audio/Video Intercom Module, Model 4660. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

PRODUCT OVERVIEW

The Comelit SIMPLEBUS Audio/Video Intercom Module (Model 4660) is a key component of the SIMPLEBUS audio-video system. It features a black and white pin-hole 1/4' camera with front swivel capability and LED security lighting. The module includes a double amplifier, a tin speaker, and an electret microphone, both of which are front adjustable for optimal performance. This compact unit is designed to integrate seamlessly into your intercom system, supporting addressing for up to 120,000 users.

The image above shows the Comelit SIMPLEBUS Audio/Video Intercom Module. On the left, a white terminal block with green screw terminals is visible, used for electrical connections. On the right, the main module body is shown, featuring a speaker grille, a small black pin-hole camera lens, and a black microphone. The overall color scheme is white and black.

SETUP AND INSTALLATION

This module is designed for integration into an existing Comelit SIMPLEBUS system. No complex assembly is required for the module itself, as it comes pre-assembled. Installation typically involves connecting the module to the SIMPLEBUS wiring infrastructure and mounting it within a compatible housing or panel.

Installation Steps:

1. **Safety First:** Ensure all power to the intercom system is disconnected before beginning installation.

2. **Mounting:** Securely mount the module within its designated position in the intercom panel or housing. Refer to the overall system's installation guide for specific mounting instructions.

3. **Wiring Connections:** Connect the SIMPLEBUS wiring to the terminal block on the module. Pay close attention to polarity and connection points as indicated in the system's wiring diagram. The terminal block features green screw terminals for secure wire connections.

4. **Camera and Microphone Adjustment:** The pin-hole camera and microphone are front adjustable. Carefully rotate or pivot these components to achieve the desired field of view and audio pickup.

5. **Power On:** Once all connections are secure and verified, restore power to the intercom system.

6. **System Configuration:** Perform any necessary system configuration or addressing as per the main SIMPLEBUS system manual to integrate the new audio/video module. This module supports addressing for up to 120,000 users.

For detailed wiring diagrams and system-specific integration, consult the complete Comelit SIMPLEBUS system documentation.

OPERATING INSTRUCTIONS

The Comelit SIMPLEBUS Audio/Video Intercom Module operates as an integrated part of your overall Comelit intercom system. Its primary function is to capture audio and video from the entrance panel and transmit it to indoor units.

Key Functions:

- **Audio Transmission:** The integrated electret microphone and speaker facilitate two-way audio communication between the outdoor panel and indoor monitors. The audio levels are managed by the double amplifier.

- **Video Capture:** The 1/4' pin-hole camera captures black and white video footage, which is then transmitted to compatible indoor video monitors. The camera's front swivel allows for precise aiming.

- **LED Security Lighting:** The module includes LED lighting to illuminate the immediate area for improved video clarity, especially in low-light conditions.

- **User Addressing:** The module supports addressing for a large number of users (up to 120,000), allowing for complex system configurations.

Operation of the audio and video functions is typically initiated from the indoor monitor or by a visitor pressing a call button on the outdoor panel. Refer to your indoor monitor's user manual for specific instructions on how to view video, answer calls, and communicate with visitors.

MAINTENANCE

The Comelit SIMPLEBUS Audio/Video Intercom Module is designed for low maintenance. Regular cleaning and occasional checks will ensure its longevity and optimal performance.

Cleaning:

- **Exterior:** Use a soft, damp cloth to gently wipe the exterior surfaces of the module. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electronic components.

- **Camera Lens:** If the camera lens appears dirty, gently clean it with a soft, lint-free cloth specifically designed for optics. Do not apply excessive pressure.

General Checks:

- Periodically inspect the module for any visible damage or loose connections.

- Ensure the camera and microphone are still correctly aimed and have not been inadvertently moved.

Always disconnect power to the system before performing any maintenance that involves opening the panel or accessing internal components.

TROUBLESHOOTING

If you experience issues with your Comelit SIMPLEBUS Audio/Video Intercom Module, refer to the following common problems and solutions. For more complex issues, consult a qualified technician or the complete Comelit system manual.

Problem	Possible Cause	Solution
No audio from module.	Loose wiring connection; Microphone/speaker fault; System configuration issue.	Check wiring at the terminal block. Ensure microphone and speaker are not obstructed. Verify system configuration.
No video from module.	Loose wiring connection; Camera lens obstructed/dirty; Camera fault; System configuration issue.	Check wiring. Clean camera lens. Verify system configuration. Ensure adequate lighting.
Poor audio quality (static, low volume).	Microphone/speaker misaligned; Environmental noise; Wiring interference.	Adjust microphone/speaker position. Check for sources of interference. Consult system manual for audio settings.
Poor video quality (blurry, dark).	Camera lens dirty/damaged; Insufficient lighting; Camera misaligned.	Clean camera lens. Ensure LED security lighting is functional. Adjust camera angle.
Module not recognized by system.	Incorrect addressing; Wiring error; Power issue.	Verify module addressing. Check all wiring connections. Ensure power supply to the module.

Always power cycle the entire intercom system (turn off and on again) after making any wiring changes or configuration adjustments.

SPECIFICATIONS

Feature	Detail
Model Number	4660
Brand	Comelit
System Compatibility	SIMPLEBUS Audio-Video System
Camera Type	Pin-hole 1/4' (Black and White)
Adjustability	Front swivel camera, front adjustable microphone and speaker
Lighting	LED Security Lighting
Amplifier	Double amplifier

Feature	Detail
Max. User Addressing	Up to 120,000 users
Product Dimensions (L x W x H)	4.5 x 11.8 x 20.7 cm (approx. 1.8 x 4.6 x 8.1 inches)
Product Weight	200 grams (approx. 0.44 lbs)
Assembly Required	No (comes pre-assembled)

SAFETY INFORMATION

- Always disconnect power to the intercom system before installing, maintaining, or servicing the module.

- Installation should be performed by qualified personnel in accordance with local electrical codes and regulations.

- Do not expose the module to excessive moisture, rain, or extreme temperatures unless specifically rated for such conditions.

- Do not attempt to open or repair the module yourself. Refer all servicing to authorized Comelit service centers.

- Keep packaging materials (plastic bags, foam, etc.) away from children to prevent suffocation hazards.
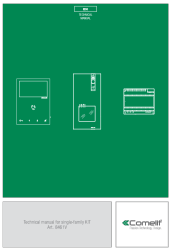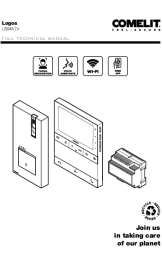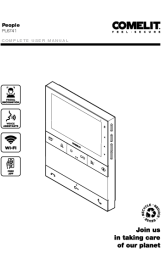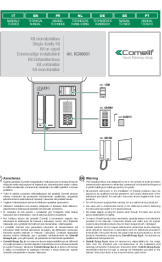
WARRANTY AND SUPPORT

For information regarding the warranty period and terms for your Comelit SIMPLEBUS Audio/Video Intercom Module, please refer to the warranty documentation provided with your complete Comelit intercom system or visit the official Comelit website.

For technical support, troubleshooting beyond this manual, or spare parts, please contact your authorized Comelit dealer or Comelit customer service. Contact details can typically be found on the Comelit website or in your system's main documentation.

Comelit Official Website: www.comelitgroup.com

Related Documents - 4660

[Comelit 8461V Technical Manual: Installation and Operation Guide](#)
Comprehensive technical manual for the Comelit 8461V single-family door entry kit. Covers installation, configuration, operation, and wiring diagrams for the Comelit Quadra series video intercom system.

[Comelit Adam-Mini KVA2101 Video Intercom System Installation & Technical Manual](#)
Detailed installation guide and technical specifications for the Comelit Adam-Mini KVA2101 audio/video intercom system. Includes wiring diagrams, programming instructions, and operating distances for Simplebus 2 systems.

[Comelit Kit Video Quadra: Quadra and Maxi BM Simplebus System](#)
Detailed specifications and components of the Comelit Kit Video Quadra, an intercom system featuring the Quadra outdoor unit and Maxi BM indoor monitor, operating on the Simplebus system.

[Comelit Logos LS9451V: Full Technical Manual for Wi-Fi Video Entry System](#)
Comprehensive technical manual for the Comelit Logos LS9451V kit, detailing installation, programming, and features of this advanced Wi-Fi video entry system with facial recognition and voice assistant compatibility.

[Comelit PL6741 People Series Wi-Fi Door Entry Monitor User Manual](#)
Comprehensive user manual for the Comelit PL6741 People series Wi-Fi color door entry monitor. Learn about installation, features like facial recognition and voice assistant integration, app pairing, settings, and troubleshooting.

[Comelit KCA0061 Single-Family Audio/Video Intercom System - Technical Manual](#)
Technical manual for the Comelit KCA0061 single-family audio/video intercom system, detailing installation, components, and operating guidelines for associated products like the Art. 1200 power supply and Art. 2812W handset.