

Comelit KCA0061

Comelit Ciao-Mini 2-Wire Analog Audio Kit User Manual

Model: KCA0061

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Comelit Ciao-Mini 2-Wire Analog Audio Kit (Model KCA0061). This single-family audio kit is designed for reliable two-way communication with visitors at your entrance and includes a door opening function. It is suitable for residential, business, or office installations.

The kit comprises one Ciao series outdoor door station (Art. CA0061) with a call button and one Mini series indoor handset (Art. 2812W), along with all necessary accessories for installation.

2. SAFETY INFORMATION

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

- Installation must be performed by qualified personnel in accordance with local electrical codes and regulations.
- Disconnect power before performing any wiring or maintenance.
- Do not expose the outdoor unit to extreme temperatures or direct water jets beyond its IP rating.
- Do not attempt to repair or modify the unit yourself. Refer all servicing to qualified service personnel.
- Keep packaging materials out of reach of children.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 1 x Ciao Series Outdoor Door Station (Art. CA0061)
- 1 x Mini Series Indoor Handset (Art. 2812W)
- Mounting Screws and Wall Plugs
- Connection Cables (as required for standard installation)
- User Manual (this document)

4. SETUP AND INSTALLATION

The Comelit Ciao-Mini kit utilizes a 2-wire analog system for simplified wiring.

4.1 Pre-installation Checks

- Ensure the installation location is suitable for both indoor and outdoor units.
- Verify that the existing wiring (if any) is compatible with a 2-wire analog system.
- Gather necessary tools: drill, screwdriver, wire strippers, level, pencil.

4.2 Mounting the Outdoor Door Station

The outdoor unit (Art. CA0061) can be surface-mounted or flush-mounted. Choose a location near the entrance, at a height that allows comfortable use for all users.

1. Mark the drilling points on the wall using the mounting template or the unit itself.
2. Drill holes and insert wall plugs.
3. Route the 2-wire cable from the indoor unit location to the outdoor unit.
4. Connect the wires to the designated terminals on the outdoor unit (refer to the wiring diagram provided with the unit).
5. Secure the outdoor unit to the wall using the provided screws.
6. Insert the nameplate with the desired name (e.g., "JOHN SMITH") into the backlit slot.



Image: The Comelit Ciao-Mini 2-Wire Analog Audio Kit. On the left is the grey outdoor door station with a speaker grille at the top and a backlit nameplate area below, currently displaying "JOHN SMITH". On the right are two white indoor handsets, one with a coiled cord, indicating the complete audio intercom system.

4.3 Mounting the Indoor Handset

Choose a convenient location inside your home or office for the indoor handset (Art. 2812W).

1. Mark the drilling points for the handset mounting bracket.
2. Drill holes and insert wall plugs.
3. Route the 2-wire cable from the outdoor unit location to the indoor handset.
4. Connect the wires to the designated terminals on the indoor handset (refer to the wiring diagram).

- Secure the handset mounting bracket to the wall and attach the handset.

4.4 Wiring and Power Connection

The system operates on a 2-wire analog principle. Ensure correct polarity and secure connections.

- Connect the two main wires from the outdoor unit to the corresponding terminals on the indoor handset.
- Connect the power supply (cable electric) to the designated terminals on the indoor handset or power unit as per the wiring diagram.
- Once all connections are secure, restore power to the system.

4.5 System Expansion

The kit can be extended with a second parallel intercom (indoor handset) for additional convenience within the property. Refer to the detailed wiring diagram for connecting an additional handset.

5. OPERATION

5.1 Receiving a Call

When a visitor presses the call button on the outdoor door station, the indoor handset will ring.

5.2 Two-Way Communication

To speak with the visitor, lift the handset. You can then engage in a two-way conversation.

5.3 Door Opening Function

Press the dedicated door opening button on the indoor handset to unlock the connected electric door strike or gate. Ensure the door strike is compatible and correctly wired to the system.

5.4 Volume Control

The indoor handset features controls for adjusting the volume of the microphone, speaker, and ringtone. Locate the volume adjustment dials or buttons on the side or bottom of the handset and adjust to your preferred level.

5.5 Backlit Nameplate

The outdoor door station includes a backlit nameplate for clear visibility, especially in low-light conditions.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Comelit Ciao-Mini kit.

- Cleaning:** Use a soft, damp cloth to clean the surfaces of both the outdoor and indoor units. Do not use abrasive cleaners, solvents, or harsh chemicals.
- Inspection:** Periodically check the outdoor unit for any signs of wear, damage, or obstruction to the speaker/microphone grilles. Ensure the nameplate is clean and legible.
- Wiring:** Ensure all wiring connections remain secure. If you notice any loose wires, disconnect power and re-secure them.

7. TROUBLESHOOTING

If you encounter issues with your Comelit Ciao-Mini kit, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No audio from outdoor unit / indoor handset.	Loose wiring, incorrect connection, volume too low.	Check all 2-wire connections. Ensure power is supplied. Adjust volume controls on the handset.
Indoor handset does not ring.	Call button fault, wiring issue, ringtone volume too low.	Check call button on outdoor unit. Verify wiring. Increase ringtone volume.
Door opening function not working.	Incorrect wiring to door strike, faulty door strike, insufficient power.	Verify wiring to the door strike. Check door strike functionality independently. Consult an electrician if necessary.
Backlight on nameplate not working.	Power issue, LED fault.	Ensure the system is powered. If the issue persists, contact support.

If the problem persists after attempting these solutions, please contact Comelit customer support or a qualified technician.

8. SPECIFICATIONS

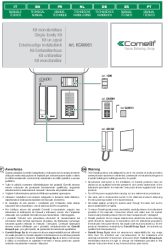
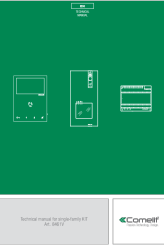
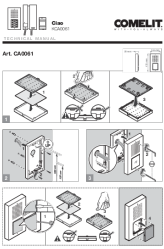

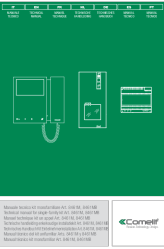
Feature	Detail
Brand	Comelit
Model Number	KCA0061
System Type	2-Wire Analog Audio Intercom
Color	White (Handset), Grey/Silver (Outdoor Unit)
Material	Metal (Outdoor Unit)
Power Source	Cable Electric
Compatible Devices	RTC Network
Phone Type	Wired
Dialer Type	Simple Keypad (Call Button)
Answering System Type	Digital
Multi-line Operation	Multi-line Operation (for system expansion)

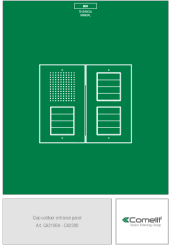
9. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or spare parts availability, please refer to the official Comelit website or contact your local authorized dealer. Keep your proof of purchase for warranty claims.

Comelit Official Website: www.comelitgroup.com



	<p>Comelit KCA0061 Single-Family Audio/Video Intercom System - Technical Manual</p> <p>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.</p>
	<p>Comelit 8461V Technical Manual: Installation and Operation Guide</p> <p>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.</p>
	<p>Comelit CA0061 Technical Manual: Installation and Wiring Guide</p> <p>Comprehensive technical manual for the Comelit CA0061 video intercom system. Includes installation instructions, wiring diagrams, technical specifications, and safety precautions for model CA0061 and related 2812W units.</p>
	<p>Comelit Adam-Mini KVA2101 Video Intercom System Installation & Technical Manual</p> <p>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.</p>
	<p>Comelit Quadra Mini 8461M/8461MB Single-Family Intercom Kit Technical Manual</p> <p>Technical manual for the Comelit Quadra Mini 8461M and 8461MB single-family intercom kits, covering installation, operation, and technical specifications.</p>



[Comelit CA2100A/CA2200 Ciao Outdoor Entrance Panel Technical Manual](#)

Comprehensive technical manual for Comelit's CA2100A and CA2200 Ciao outdoor audio entrance panels. Covers installation, wiring, programming, technical specifications, and special functions for Simplebus2 systems.