

Came 62100180

CAME PERLA 3.5" LCD Video Intercom User Manual

Model: 62100180

1. INTRODUCTION

The CAME PERLA 3.5" LCD Video Intercom is a state-of-the-art hands-free video intercom system designed for secure residential and commercial access management. It features a 3.5-inch color LCD display, offering clear and high-quality video. This manual provides detailed instructions for the installation, operation, and maintenance of your PERLA video intercom.

Key features include:

- 3.5" color LCD display for clear images.
- Hands-free audio communication.
- Adjustable color saturation and screen brightness.
- Up to 8 intercom calls supported.
- Automatic video insertion from outdoor units with cyclic selection.
- Two programmable auxiliary buttons for additional functions (e.g., gate opening, light activation).
- Adjustable ringtone volume with mute LED indicator.
- "Panic" button for emergency calls to the concierge.
- Customizable ringtones based on call type.
- Video bounce function between indoor units during simultaneous calls.
- Master/slave function.
- Compatible with CAME X1 and XIP systems.



Figure 1: Front view of the CAME PERLA 3.5" LCD Video Intercom, showing the display and control buttons.

VIDEOCITOFONO PERLA



Tre batterie
alcaline LR03
ministilo AAA
1,5V



Installazione a
parete,
compatibile con
sistemi X1 e XIP



Audio e video di
alta qualità



Display LCD
da 3,5"

CAME 

Figure 2: Overview of CAME PERLA features, including high-quality audio/video, 3.5" LCD, and compatibility with X1/XIP systems.

2. INSTALLATION

2.1 Package Contents

Before beginning installation, ensure all components are present:

- CAME PERLA 3.5" LCD Video Intercom unit
- Wall mounting bracket (for horizontal or vertical 503 type box or Ø 60 mm round box)
- Instruction Manual (this document)

2.2 Mounting the Unit

The PERLA video intercom is designed for wall installation. It comes with a bracket suitable for mounting on a standard 503 type box (horizontal or vertical) or a Ø 60 mm round box.

1. Ensure power to the intercom system is disconnected before installation.
2. Secure the wall mounting bracket to the desired location using appropriate screws. Ensure it is level and firmly attached.
3. Connect the necessary wiring (power, video, audio, data) to the terminals on the back of the PERLA unit, following the wiring diagram provided with your CAME X1 or XIP system.
4. Carefully align the PERLA unit with the mounted bracket and snap it into place. Ensure it is securely fastened.



Figure 3: Product dimensions (145mm width, 170mm height, 31mm depth) and visual representation of wall mounting.

2.3 System Compatibility

The CAME PERLA video intercom is fully compatible with CAME X1 and XIP systems, making it suitable for both single and multi-user installations in residential or commercial environments.

3. OPERATION

3.1 Basic Functions

The PERLA video intercom offers an intuitive interface for easy use.



Figure 4: Diagram illustrating the functions of the control buttons on the CAME PERLA unit.

- **Call Activation:** Press the dedicated button (typically with a phone icon) to answer an incoming call or initiate an intercom call.
- **Door Opening:** Press the key icon button to unlock the door or gate connected to the system. These buttons are backlit for visibility.
- **Auxiliary Buttons:** The two programmable AUX buttons (labeled 1-5, 2-6, 3-7, 4-8 on the right side of the display) can be configured for various functions such as activating a second gate, turning on lights, or other system-specific actions. Refer to your system's configuration guide for programming details.
- **Panic Button:** The "panic" button (often marked with a bell icon) is used to send an emergency call to the concierge or a pre-programmed emergency contact.

3.2 Display and Audio Adjustments

- **Brightness and Color Adjustment:** Use the controls on the left side of the display (up/down arrows next to

sun and color icons) to adjust the screen's brightness and color saturation for optimal viewing.

- **Ringtone Volume:** Adjust the ringtone volume using the dedicated buttons (typically up/down arrows next to a speaker icon). A LED indicator will light up when the ringtone is muted.

3.3 Intercom Calls

The PERLA unit supports up to 8 intercom calls within the system. Consult your system administrator or installation guide for specific intercom dialing procedures.

4. MAINTENANCE

To ensure the longevity and optimal performance of your CAME PERLA video intercom, follow these simple maintenance guidelines:

- **Cleaning:** Regularly wipe the display and casing with a soft, dry, lint-free cloth. For stubborn marks, slightly dampen the cloth with water. Avoid using abrasive cleaners, solvents, or aerosol sprays, as these can damage the surface.
- **Environmental Conditions:** Ensure the unit is not exposed to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Professional Checks:** For complex system checks or internal component maintenance, it is recommended to contact a qualified technician.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your CAME PERLA video intercom. For problems not listed here, please contact CAME technical support.

Problem	Possible Cause	Solution
No image on display.	<ul style="list-style-type: none">• Power supply issue.• Loose video cable connection.• Brightness/contrast settings too low.	<ul style="list-style-type: none">• Check if the unit is powered on.• Verify all video cable connections are secure.• Adjust brightness and color settings using the side controls.
No audio during calls.	<ul style="list-style-type: none">• Volume set to minimum or muted.• Loose audio cable connection.	<ul style="list-style-type: none">• Increase the volume using the volume control buttons. Check for mute indicator.• Ensure audio cables are properly connected.
Unit not responding.	<ul style="list-style-type: none">• Power interruption.• System malfunction.	<ul style="list-style-type: none">• Check the power supply to the unit and the overall system.• If the problem persists, contact CAME technical support.

6. SPECIFICATIONS

Feature	Detail
Model Number	62100180
Display	3.5" LCD Color Screen
Color	White
Dimensions (W x H x D)	145 mm x 170 mm x 31 mm (approx.)
Weight	530 g
Material	Tin or Brass (as per product data, likely casing material)
Style	Modern
Compatibility	CAME X1 and XIP systems
Power Source	No batteries required (system powered)

7. WARRANTY AND SUPPORT

For warranty information, technical support, or service requests, please contact CAME directly or your authorized CAME dealer.

You can typically find contact details on the official CAME website or through the retailer where you purchased the product.

- **Manufacturer:** Came
- **Online Store:** [Visit the Came Store on Amazon](#)