

Commax CDV-43K2

COMMAX CDV-43K2 4.3-Inch Color LCD Intercom Monitor User Manual

Model: CDV-43K2

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your COMMAX CDV-43K2 4.3-inch color LCD intercom monitor. Please read this manual thoroughly before using the product to ensure correct usage and to prevent damage.

The CDV-43K2 is a handset-type monitor designed for efficient communication and door entry control. It features a 4.3-inch color display with FINE VIEW technology for clear visuals and outstanding audio quality. The system is expandable, supporting up to two monitors, two cameras, and two interphones per household, and includes a door release control function.

2. PRODUCT OVERVIEW

Familiarize yourself with the components and appearance of the COMMAX CDV-43K2 intercom monitor.



Figure 2.1: Front view of the COMMAX CDV-43K2 intercom monitor. This image displays the white monitor unit with a black screen, control buttons below the screen, and a white handset connected by a coiled cord on the left side.



Figure 2.2: Angled view of the COMMAX CDV-43K2 intercom monitor. This perspective shows the monitor and handset from a slight angle, highlighting the depth and design of the unit.





Figure 2.3: COMMAX CDV-43K2 intercom monitor with power cable. This image shows the monitor unit with its attached power cord and plug, indicating it is a corded electric device.

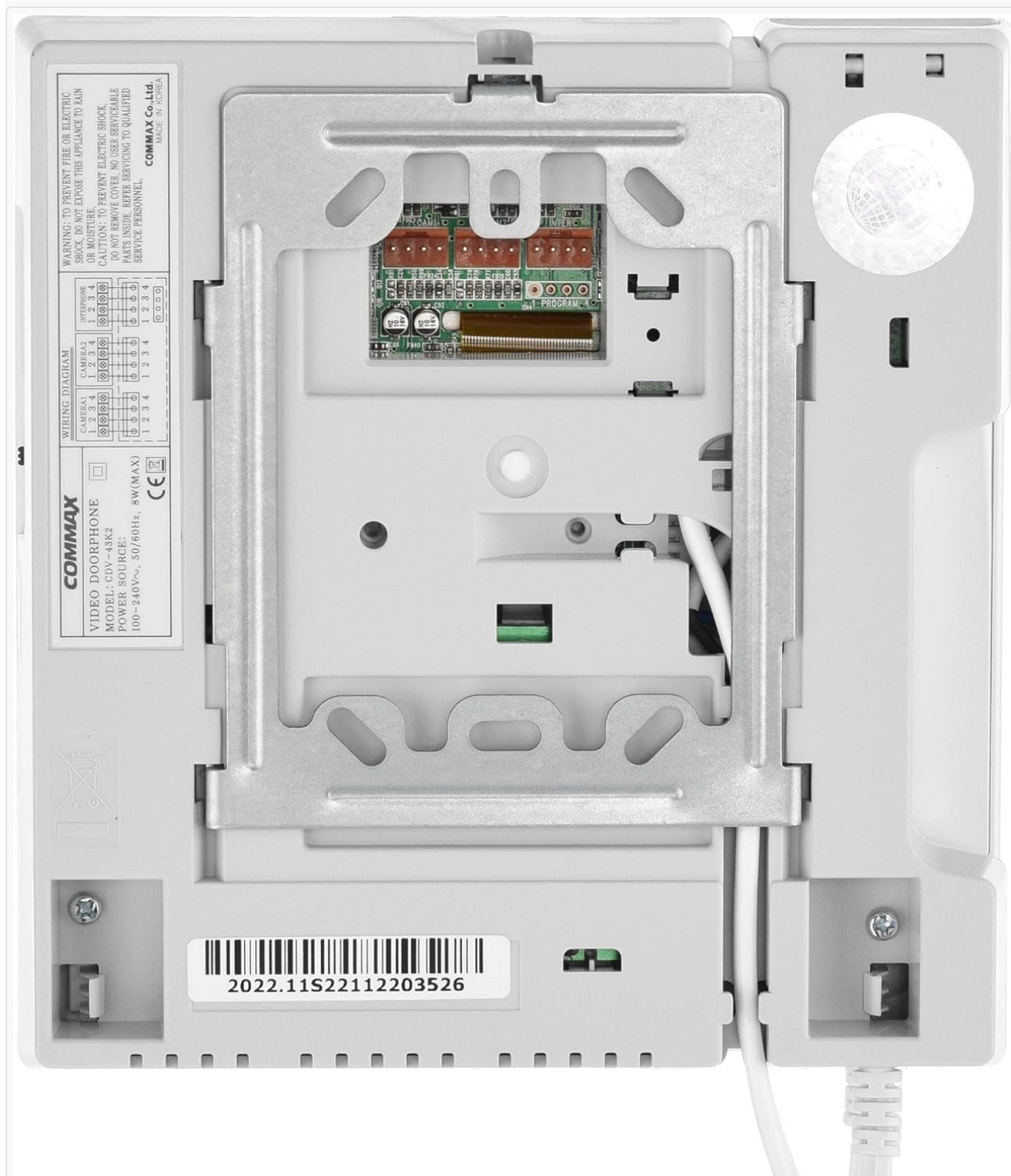


Figure 2.4: Rear view of the COMMAX CDV-43K2 intercom monitor. This image clearly displays the metal mounting bracket, the wiring terminal block with connection points labeled 'CAMERA 1', 'CAMERA 2', 'INTERPHONE', and 'POWER', along with a detailed

wiring diagram. The serial number 2022.11S22112203526 is visible on a label.

3. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your intercom monitor. Refer to Figure 2.4 for wiring details.

3.1 Mounting the Monitor

1. Select a suitable indoor location for the monitor, ensuring it is not exposed to water or excessive humidity.
2. Secure the provided mounting bracket to the wall using appropriate screws and anchors. Ensure the bracket is level and firmly attached.
3. After completing the wiring, carefully align the monitor with the mounting bracket and slide it into place until it clicks securely.

3.2 Wiring Connections

All wiring should be performed by a qualified technician to ensure safety and proper functionality. The monitor operates on a corded electric power source.

- **Power Connection:** Connect the power cable to the designated 'POWER' terminals on the monitor's rear panel, following the polarity indicated in the wiring diagram (Figure 2.4).
- **Camera Connections:** Connect up to two outdoor cameras to the 'CAMERA 1' and 'CAMERA 2' terminals. Ensure correct wiring for video and audio signals as per the diagram.
- **Interphone Connections:** Connect up to two interphones (sub-monitors or audio-only units) to the 'INTERPHONE' terminals for internal communication.
- **Door Release:** Connect the door strike or gate opener to the appropriate terminals as indicated in the wiring diagram for the door entry control function.

Warning: To prevent fire or electric shock, do not expose this appliance to rain or moisture. Refer all servicing to qualified service personnel.

4. OPERATING INSTRUCTIONS

The COMMAX CDV-43K2 monitor offers essential functions for convenient home communication and security.

4.1 Answering a Call

1. When a visitor presses the call button on the outdoor camera unit, the monitor will ring.
2. Lift the handset to answer the call and establish two-way audio communication with the visitor.
3. The 4.3-inch color LCD screen will automatically display the video feed from the outdoor camera.

4.2 Door Release

- During a call with a visitor, press the designated door release button on the monitor to unlock the connected door or gate.

4.3 Intercommunication

- If multiple monitors or interphones are installed within the household, you can initiate internal calls between units. Refer to the specific interphone manual for detailed instructions on initiating internal calls.

4.4 Video Monitoring

- Press the monitor button (often represented by an eye icon) to view the live video feed from the connected outdoor camera(s) without an incoming call.

4.5 SD Memory Storage (Optional)

- The CDV-43K2 supports built-in memory storage via an SD card (SD card not included). Insert a compatible SD card into the designated slot (if available on your model) to record visitor images or video clips. Refer to the on-screen menu for recording and playback options.

5. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the monitor screen and casing. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the surface.
- **Environmental Conditions:** The monitor is designed for indoor use only and is not water resistant. Avoid exposing it to direct sunlight, high temperatures, humidity, or dusty environments.
- **Cable Inspection:** Periodically check all connected cables for any signs of wear or damage. If any damage is found, contact a qualified technician for repair or replacement.

6. TROUBLESHOOTING

If you encounter issues with your COMMAX CDV-43K2 monitor, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No power to the monitor	Power cable disconnected; no electricity; faulty power supply.	Check power cable connection; verify power outlet; consult a technician.
No image on screen	Camera cable disconnected; faulty camera; monitor settings.	Check camera wiring; test camera functionality; ensure monitor is in monitoring mode.
No audio during call	Handset not properly seated; audio cables disconnected; faulty handset/speaker.	Ensure handset is correctly placed; check audio wiring; contact support if issue persists.
Door release not working	Door strike wiring issue; faulty door strike; incorrect button press.	Verify door release wiring; test door strike independently; ensure correct button is pressed during a call.

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

7. SPECIFICATIONS

The following are the technical specifications for the COMMAX CDV-43K2 intercom monitor:

- **Model:** CDV-43K2

- **Display:** 4.3-inch Color LCD
- **Power Source:** Corded Electric
- **Wattage:** 10 watts
- **Dimensions (L x W x H):** 20 x 5 x 15 cm (7.87 x 1.97 x 5.91 inches)
- **Item Weight:** 740 g (1.63 lbs)
- **Color:** Ice
- **Water Resistance Level:** Not Water Resistant
- **Special Features:** Expandable (Supports 2 monitors, 2 cameras, 2 interphones)
- **Connectivity Technology:** Wireless (for system communication, monitor requires wired installation)
- **Indoor/Outdoor Use:** Indoor (Monitor)
- **Compatible Devices:** Camera
- **Light Source Type (associated with system):** Infrared
- **Number of Items:** 1
- **Number of Channels:** 1



8. WARRANTY AND SUPPORT





For warranty information, technical support, or service inquiries regarding your COMMAX CDV-43K2 intercom monitor, please contact your local COMMAX distributor or visit the official COMMAX website. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, please provide the model number (CDV-43K2) and the serial number (if applicable, found on the rear of the unit, e.g., 2022.11S22112203526) when contacting support.

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Related Documents - CDV-43K2

	<p>COMMAX CDV-70H / CDV-70H2 Color Monitor Installation and Operation Manual</p> <p>Comprehensive guide for the COMMAX CDV-70H and CDV-70H2 color video intercom monitor, covering installation, wiring, operation, and technical specifications.</p>
	<p>How to Use the Commax CDV-70QT Video Door Phone: A Simple Manual</p> <p>A concise guide on connecting and using the Commax CDV-70QT video door phone with your smartphone, including features like visitor calls, motion detection, and security settings.</p>

	<p>COMMAX CDV-70K User Manual: Color Video Door Phone</p> <p>Comprehensive user manual for the COMMAX CDV-70K Color Video Door Phone, covering installation, operation, settings, safety precautions, and specifications.</p>
	<p>COMMAX Door Phone DP-4VHP User Manual and Safety Guide</p> <p>Comprehensive user manual for the COMMAX DP-4VHP Door Phone, covering installation, operation, safety precautions, specifications, and contact information. Features clear instructions and warnings.</p>
	<p>Katalog Produktów COMMAX: Wideodomofony, Domofony, Interkomy i Akcesoria</p> <p>Odkryj pełną gamę produktów COMMAX, w tym wideodomofony, domofony, interkomy i akcesoria. Poznaj innowacyjne rozwiązania SmartHome & Security.</p>
	<p>COMMAX CDV-70HM2 Fineview Video Phone User Manual</p> <p>Comprehensive user manual for the COMMAX CDV-70HM2 Fineview Video Phone, covering installation, operation, specifications, and safety guidelines.</p>