

Commax CDV-43U/DRC-4G

Commax CDV-43U/DRC-4G 4.3 Inch Hands-Free Videophone and Door Camera Set User Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Commax CDV-43U 4.3-inch hands-free videophone and DRC-4G door camera set. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.

PACKAGE CONTENTS

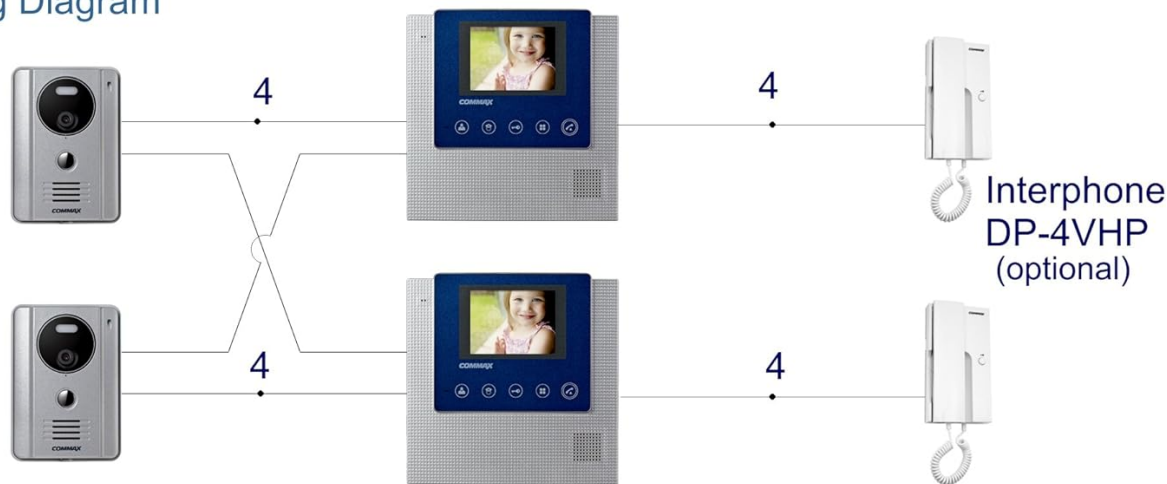
- CDV-43U Videophone Unit (x1)
- DRC-4G Door Camera Unit (x1)
- Mounting Brackets and Screws
- User Manual (this document)
- Connection Cables (as supplied)

SETUP

1. Wiring Diagram

Refer to the following diagram for correct wiring connections between the videophone, door camera, and optional interphone units.

Wiring Diagram



****Diagram is for reference only. The offer includes videophone x1 and door camera x1**

This diagram illustrates the wiring connections for the Commax videophone and door camera system, including an optional interphone unit. It shows how the door camera connects to the videophone units and how optional interphones connect to the videophones. The diagram indicates 4-wire connections between components.

2. Installation Steps

- 1. Mount the Door Camera:** Choose a suitable outdoor location for the DRC-4G door camera, typically near the entrance. Ensure it is at an appropriate height for clear viewing. Secure the mounting bracket and attach the camera.
- 2. Mount the Videophone:** Select an indoor location for the CDV-43U videophone, such as a hallway or living room. Secure the mounting bracket to the wall.
- 3. Connect Wiring:** Following the wiring diagram, connect the 4-wire cable from the door camera to the videophone. Ensure all connections are secure and correctly polarized. If installing an optional interphone (e.g., DP-4VHP), connect it to the videophone as shown in the diagram.
- 4. Power Connection:** Connect the videophone to a suitable power source (12 Volts). Ensure the power supply is stable.
- 5. Initial Power On:** Once all connections are made, power on the system. The videophone display should activate.

OPERATING

1. Answering a Call

When a visitor presses the call button on the DRC-4G door camera, the CDV-43U videophone will ring, and the visitor's image will appear on the screen. To answer the call, press the **Talk** button on the videophone. You can then communicate hands-free with the visitor.

2. Monitoring the Entrance

To view the outdoor area without a visitor call, press the **Monitor** button on the videophone. The camera feed from the DRC-4G will display on the screen. Press the button again to turn off monitoring.

3. Door Release

If your system is connected to an electronic door lock, press the **Door Release** button on the videophone to unlock the door for a visitor. Ensure the door lock system is compatible and correctly wired.

4. Interphone Communication (Optional)

If an optional interphone (e.g., DP-4VHP) is connected, you can communicate with other interphone units within the system. Refer to the interphone's specific manual for detailed operation.

MAINTENANCE

1. Cleaning

- Wipe the videophone screen and body with a soft, dry cloth.
- For the door camera, gently clean the lens and surrounding area with a soft, damp cloth. Avoid abrasive cleaners.
- Do not use strong detergents, solvents, or abrasive materials, as these can damage the product's finish.

2. General Care

- Avoid exposing the units to direct sunlight for prolonged periods or extreme temperatures.
- Ensure the door camera is protected from heavy rain or direct water spray, although it has an IP54 rating for dust and splash resistance.
- Do not attempt to open or repair the units yourself. Refer to qualified service personnel.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on videophone screen.	Power issue, loose wiring, camera malfunction.	Check power connection. Verify all wiring is secure according to the diagram. Ensure the camera lens is clean.
No sound during communication.	Loose wiring, microphone/speaker issue.	Check audio wiring connections. Ensure volume settings are not muted or too low.
Door release not working.	Incorrect wiring to door lock, incompatible lock, power issue to lock.	Verify door lock wiring. Ensure the door lock is compatible with the system. Check power supply to the door lock.
Intermittent operation.	Loose connections, power fluctuations, interference.	Inspect all wiring for secure connections. Ensure stable power supply. Check for potential sources of electrical interference.

SPECIFICATIONS

- **Model:** CDV-43U (Videophone), DRC-4G (Door Camera)
- **Screen Size:** 4.3 inches
- **Hands-Free:** Yes
- **Power Source:** 12 Volts
- **Connectivity Technology:** Wired (4-wire system)
- **Video Capture Resolution:** 720p (for DRC-4G)
- **International Protection Rating (DRC-4G):** IP54
- **Photo Sensor Technology (DRC-4G):** CMOS

- **Low Light Technology (DRC-4G):** Night Color
- **Indoor/Outdoor Usage:** Videophone (Indoor), Door Camera (Outdoor)
- **Manufacturer:** Commax

WARRANTY INFORMATION

Commax products are covered by a limited warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and retailer. Please retain your proof of purchase for warranty claims. For detailed warranty information, refer to the warranty card included with your product or contact Commax customer support.

SUPPORT

For technical assistance, troubleshooting, or service inquiries, please contact your local Commax distributor or authorized service center. You can also visit the official Commax website for additional resources and contact information.