

Kocom DP-203HA

Kocom DP-203HA Door Phone User Manual

Model: **DP-203HA** | Brand: **Kocom**

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Kocom DP-203HA Door Phone system. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The Kocom DP-203HA is a two-wire door phone system designed for clear audio communication between an indoor unit (handset) and an outdoor unit (door panel). It allows for visitor identification and remote door release functionality.

2.1 Key Components

- **Indoor Unit (Handset):** This unit is placed inside the premises. It features a handset for communication, a call button, and a door release button.
- **Outdoor Unit (Door Panel - Model DS-2D):** This unit is installed outside the door. It includes a call button for visitors and a speaker/microphone for two-way audio.

2.2 Features

- Two-wire connection for simplified installation.
- Communication range up to 300 meters.
- Clear two-way audio communication.
- Door release function from the indoor unit.
- Durable plastic construction.

2.3 Product Diagram



Figure 1: Kocom DP-203HA Door Phone system, illustrating both the indoor handset and the outdoor door panel.

This image displays the complete Kocom DP-203HA Door Phone system. On the left is the outdoor unit (door panel) with its call button and speaker grille. On the right is the indoor unit (handset) with its receiver, speaker, call button, and door release button.





Figure 2: Detailed view of the Kocom DP-203HA indoor unit.

This image provides a close-up view of the indoor unit. It clearly shows the handset, the speaker grille, the red indicator light, the call button, and the door release button marked with a key icon.



Figure 3: Detailed view of the Kocom DP-203HA outdoor unit (door panel).

This image shows a detailed view of the outdoor unit, also known as the door panel. It features a speaker grille, a large call button with braille-like markings, and the Kocom logo with a red indicator light.

3. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your Kocom DP-203HA Door Phone. It is recommended that installation be performed by a qualified technician.

3.1 Wiring Requirements

- The system uses a 2-wire connection between the indoor and outdoor units. Ensure the wiring is correctly polarized if specified in the full wiring diagram (not provided in this manual).
- Maximum wire length: 300 meters. Use appropriate gauge wiring for the distance to prevent signal degradation.

3.2 Power Supply

- **Indoor Unit:** Requires DC 12V power supply. Ensure the power source meets this specification.
- **Outdoor Unit (DS-2D):** Requires DC 6V / 1.5 Watt power supply. This is typically supplied by the indoor unit or a separate dedicated power source. Refer to the full wiring diagram for specific power connection details.

3.3 Mounting

- **Indoor Unit:** Mount the indoor unit at a convenient height for easy access and communication. Ensure it is securely fastened to a wall.
- **Outdoor Unit:** Install the outdoor unit at a suitable height near the entrance, typically at eye level for visitors. Ensure it is protected from direct heavy rain and harsh weather conditions, although it is designed for outdoor use.

Note: Detailed wiring diagrams and mounting templates are typically included in the full product packaging. Always consult these specific documents for precise installation steps.

4. OPERATING INSTRUCTIONS

4.1 Receiving a Call

1. When a visitor presses the call button on the outdoor unit, the indoor unit will ring.
2. Lift the handset of the indoor unit to answer the call and establish two-way communication.
3. Speak clearly into the handset. The visitor will hear you through the outdoor unit's speaker, and you will hear them through the handset's earpiece.
4. To end the call, simply place the handset back onto the indoor unit cradle.

4.2 Door Release Function

If your system is connected to an electronic door lock (sold separately), you can remotely open the door for a visitor.

1. During an active call with a visitor (handset lifted), press the door release button (marked with a key icon) on the indoor unit.
2. The electronic door lock will momentarily disengage, allowing the visitor to enter.
3. Confirm that the door has opened and closed properly.

Note: The door release function requires a compatible electronic door lock and proper wiring during installation.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Kocom DP-203HA Door Phone, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the indoor and outdoor units with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the plastic surfaces.
- **Environmental Protection:** Ensure the outdoor unit remains free from excessive dirt, dust, and debris. While designed for outdoor use, extreme weather conditions may affect performance over time.
- **Wiring Check:** Periodically inspect visible wiring for any signs of damage or wear. If any damage is found, contact a qualified technician for repair.

6. TROUBLESHOOTING

If you encounter issues with your door phone system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to indoor unit.	Power adapter unplugged or faulty; no power from outlet.	Check power connection to the indoor unit. Ensure the power outlet is functional. Test with another compatible power adapter if available.
No ring from indoor unit when outdoor button is pressed.	Wiring issue between units; outdoor unit faulty; indoor unit faulty.	Verify all wiring connections are secure and correct. Check for any visible damage to the outdoor unit's button. If problem persists, professional inspection may be required.
No sound or poor sound quality during communication.	Loose wiring; damaged speaker/microphone; interference.	Check all wiring connections. Ensure the handset is properly seated. Reduce potential sources of electrical interference.
Door release function not working.	Incorrect wiring to door lock; faulty door lock; insufficient power to lock.	Verify wiring to the electronic door lock. Ensure the door lock itself is functional. Consult a technician for complex electrical issues.

If these troubleshooting steps do not resolve the issue, please contact customer support or a qualified technician.

7. SPECIFICATIONS

Feature	Detail
Brand	Kocom
Model	DP-203HA
Indoor Unit Power	DC 12V
Outdoor Unit (DS-2D) Power	DC 6V / 1.5 Watt

Feature	Detail
Wiring Type	2-wire
Maximum Range	300 meters
Material	Plastic
Item Weight	11 g <i>(Note: This weight may refer to a single component or be an approximation.)</i>
Manufacturer	Kocom
ASIN	B099DBL786
Manufacturer Reference	2724333171302.0
Date First Available	30 March 2021

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. Kocom products typically come with a manufacturer's warranty covering defects in materials and workmanship.

For technical support or service inquiries, please contact Kocom customer service or your local distributor. Contact details can usually be found on the manufacturer's website or in the product packaging.