

Commax DP-2S / DR-201D

Commax DP-2S / DR-201D Intercom Panel with Audio Handset User Manual

Model: DP-2S (Indoor Unit) / DR-201D (Outdoor Unit)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Commax DP-2S Audio Handset (indoor unit) and DR-201D Intercom Panel (outdoor unit). 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. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the product or injury to users:

- Ensure power is disconnected before performing any installation or maintenance.
- Do not expose the units to water, high humidity, or extreme temperatures.
- Do not attempt to open or repair the units yourself. Refer all servicing to qualified personnel.
- Use only specified wiring and components for installation.
- Keep the product away from strong magnetic fields.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Commax DP-2S Audio Handset (Indoor Unit)
- Commax DR-201D Intercom Panel (Outdoor Unit)
- Mounting Screws and Anchors
- User Manual (this document)



Figure 3.1: Commax DP-2S Audio Handset (left) and DR-201D Intercom Panel (right). The indoor unit features a white casing with a telephone-style handset and a call button. The outdoor unit is a rectangular panel with a speaker grille, microphone, and a call button.

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. It is recommended that installation be performed by a qualified technician.

4.1. Wiring Diagram (General)

The Commax DP-2S and DR-201D typically use a 2-wire connection for audio and power. Ensure correct polarity and secure connections. Refer to the specific wiring diagram provided with your product packaging for detailed instructions, as variations may exist.

- **Wire 1:** Audio/Power (+)
- **Wire 2:** Ground/Power (-)

Note: For longer cable runs, use thicker gauge wire to minimize signal loss.

4.2. Outdoor Unit (DR-201D) Installation

1. **Choose Location:** Select a suitable location near the entrance, protected from direct rain and

sunlight if possible, at a height convenient for visitors.

2. Mounting:

- Carefully open the outdoor unit casing to access the mounting holes.
- Mark the drilling points on the wall using the unit as a template.
- Drill holes and insert wall anchors if necessary.
- Secure the outdoor unit to the wall using the provided screws.

3. Wiring: Connect the 2-wire cable from the indoor unit to the designated terminals on the outdoor unit. Ensure connections are tight and insulated.

4. Close Casing: Securely close the outdoor unit casing.



Figure 4.1: Close-up view of the Commax DR-201D Intercom Panel. This unit is designed for outdoor installation, featuring a speaker grille, a small microphone opening, and a call button for visitors to initiate communication with the indoor unit.

4.3. Indoor Unit (DP-2S) Installation

1. Choose Location: Install the indoor unit in a convenient location within the building, typically near the main entrance or in a central area.

2. Mounting:

- Mark the drilling points on the wall.
- Drill holes and insert wall anchors.
- Secure the mounting bracket (if separate) or the unit directly to the wall.

3. Wiring: Connect the 2-wire cable from the outdoor unit to the designated terminals on the indoor unit. Ensure correct polarity.

4. **Power Connection:** Connect the power adapter (if external) or ensure the unit is connected to the building's power supply as per local electrical codes.
5. **Final Placement:** Place the handset onto the base unit.

5. OPERATING INSTRUCTIONS

5.1. Receiving a Call

1. When a visitor presses the call button on the DR-201D outdoor unit, the DP-2S indoor unit will ring.
2. Lift the handset of the DP-2S indoor unit to answer the call.
3. Speak into the handset to communicate with the visitor.
4. To end the call, place the handset back onto the base unit.

5.2. Making a Call (from Indoor Unit)

The Commax DP-2S / DR-201D system is primarily designed for visitors to initiate calls from the outdoor unit to the indoor unit. The DP-2S indoor unit typically does not have a function to initiate a call to the outdoor unit.

5.3. Volume Adjustment

The DP-2S indoor unit may feature a volume control switch or dial, usually located on the side or bottom of the handset base. Adjust to a comfortable listening level during a call.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the product's lifespan.

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of both units. Do not use abrasive cleaners, solvents, or harsh chemicals.
- **Inspection:** Periodically check wiring connections for looseness or damage. Ensure the outdoor unit is free from debris that might obstruct the speaker or microphone.
- **Environmental Protection:** While the outdoor unit is designed for outdoor use, protecting it from extreme weather conditions (e.g., heavy rain, direct prolonged sunlight) can prolong its life.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No ring from indoor unit when outdoor button is pressed.	No power to indoor unit; loose wiring; faulty outdoor button.	Check power supply to DP-2S. Verify all wiring connections are secure. Inspect outdoor unit button for damage.
No audio or poor audio quality.	Loose wiring; damaged speaker/microphone; incorrect volume setting.	Check all wiring connections. Adjust volume on DP-2S. Ensure speaker/microphone on both units are clear of obstructions.

Problem	Possible Cause	Solution
Intermittent operation.	Loose connections; power fluctuations; environmental interference.	Secure all wiring. Ensure stable power supply. Check for external sources of interference.

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

8. SPECIFICATIONS

Feature	Detail
Brand	Commax
Model (Indoor Unit)	DP-2S
Model (Outdoor Unit)	DR-201D
Type	Audio Intercom System
Color	White
Material	Plastic
Item Weight	850 g (approximate, for the combined package)
Package Dimensions	34 x 19.2 x 7 cm (approximate)
Power Source	Wired (no batteries required for operation)

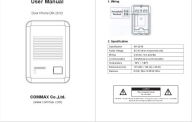
9. WARRANTY AND SUPPORT

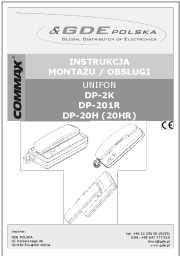




Commax products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your purchase or visit the official Commax website. For technical support, service, or replacement parts, please contact your local Commax distributor or authorized service center. Provide your product model number (DP-2S / DR-201D) and purchase details when seeking support.

Website: www.commax.com

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Related Documents - DP-2S / DR-201D

	<p>COMMAX Door Phone DR-201D User Manual</p> <p>User manual for the COMMAX Door Phone DR-201D, detailing specifications, wiring, installation, and operation.</p>
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	<p>COMMAX DP-2K, DP-201R, DP-20H/20HR Intercom System: Installation and Operation Manual</p> <p>Installation and operation manual for COMMAX DP-2K, DP-201R, DP-20H, and DP-20HR audio intercom systems. Includes safety warnings, component descriptions, connection diagrams, technical specifications, compatibility information, WEEE disposal guidelines, and EU Declaration of Conformity.</p>
	<p>COMMAX DP-LA01M, LA01S Door Phone User Manual</p> <p>User manual for COMMAX DP-LA01M and DP-LA01S door phones, covering warnings, overview, operation, wiring, and specifications. Includes information for the COMMAX DR-2K panel.</p>
	<p>Instrukcja Montażu i Obsługi: Unifon COMMAX DP-2K, DP-201R, DP-20H oraz Stacja Bramowa DR-2K</p> <p>Szczegółowa instrukcja montażu i obsługi dla systemów domofonowych COMMAX, obejmująca modele unifonów DP-2K, DP-201R, DP-20H oraz stacji bramowej DR-2K. Zawiera informacje techniczne, schematy podłączenia i deklaracje zgodności.</p>
	<p>COMMAX DP-2S Door Phone User Manual</p> <p>User manual for the COMMAX DP-2S Door Phone, providing installation, operation, safety precautions, and specifications for this intercom system.</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>