Commax CL-302i

Commax CL-302i Lamp Instruction Manual
Model: CL-302i

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Commax CL-302i Lamp. Please read this manual thoroughly before attempting to install or operate the device to ensure proper function and safety. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The Commax CL-302i is an accessory lamp designed for integration into various systems, providing illumination with a color temperature of 3000 Kelvin. Its compact design allows for discreet installation.

Figure 2.1: Front view of the Commax CL-302i Lamp. This image displays the external casing of the lamp, which is white and

features a minimalist design with the "COMMAX" logo visible on the lower right.
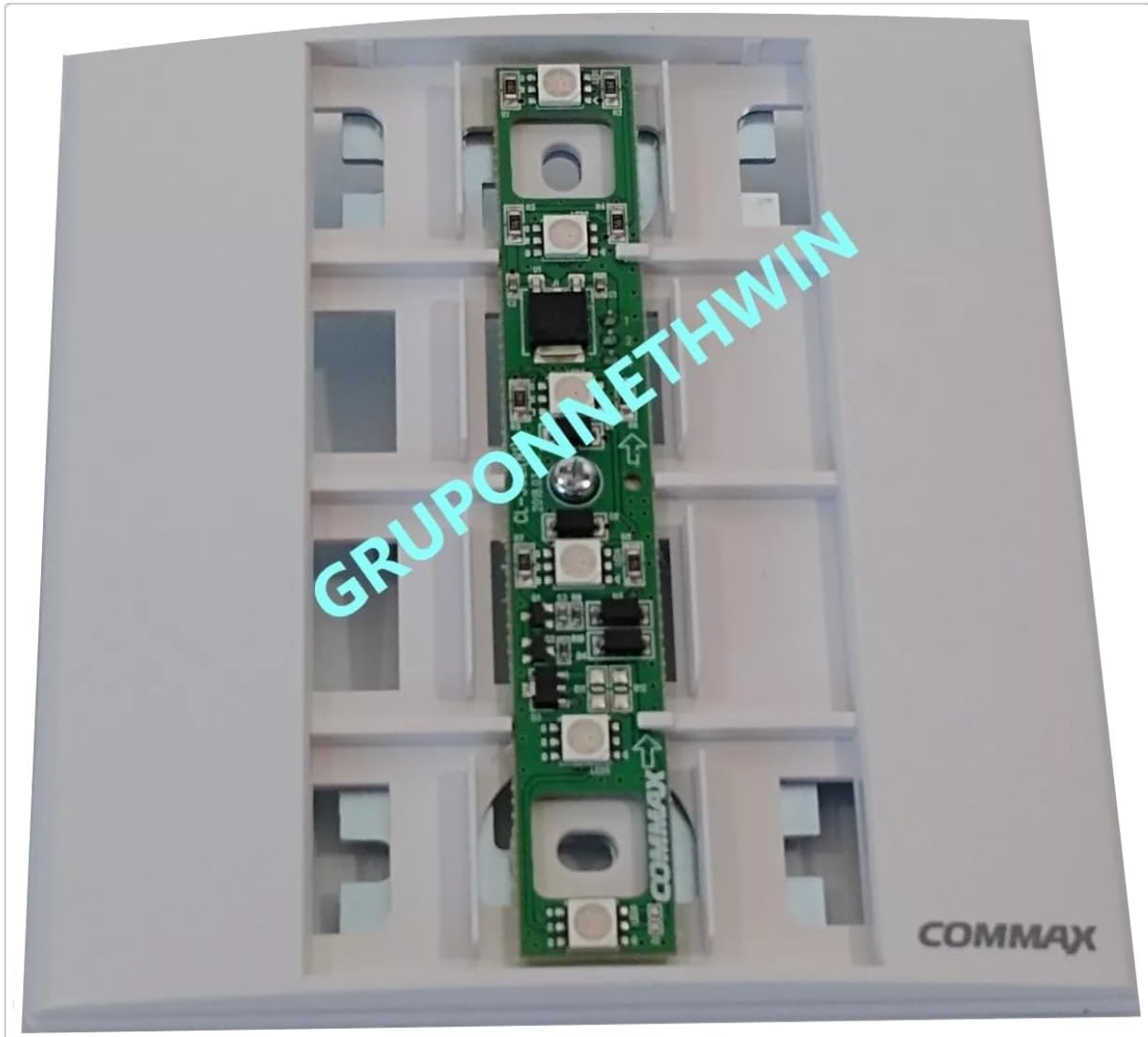
Figure 2.2: Internal view of the Commax CL-302i Lamp, showing the circuit board. The image reveals the internal electronic components, including several small LEDs and other circuitry mounted on a green PCB, indicating the lamp's internal structure.

Figure 2.3: Close-up of the Commax CL-302i Lamp circuit board. This detailed view clearly shows the model number "CL-302I(N1)" and the manufacturing date "2018.03.06". It also highlights the wiring connection points labeled "1: 24V+", "2: RED", and "3: GREEN", which are crucial for installation.

Figure 2.4: Package contents of the Commax CL-302i Lamp. The image displays the lamp unit, partially wrapped in bubble wrap, alongside a small plastic bag containing wiring and a screw, indicating the included installation accessories.

3. SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of the Commax CL-302i Lamp. It is recommended that installation be performed by a qualified professional.

3.1 Safety Precautions

- Always disconnect power to the installation area before beginning any wiring.
- Ensure the power supply matches the lamp's requirements (24V DC).
- Do not expose the lamp to moisture or extreme temperatures.

3.2 Installation Steps

1. **Unpack:** Carefully remove all components from the packaging. Verify that all parts, including the lamp unit, wiring, and mounting hardware, are present as shown in Figure 2.4.

2. **Mounting:** Select a suitable location for the lamp. The lamp is designed for a center position installation. Secure the lamp unit using the provided mounting hardware.

3. **Wiring Connections:** Refer to Figure 2.3 for wiring details.

   - Connect the **24V+** wire to the positive terminal of your 24V DC power supply.
   - Connect the **RED** wire to the designated control input (if applicable).
   - Connect the **GREEN** wire to the designated control input or ground (if applicable).

Note: Ensure all connections are secure and insulated to prevent short circuits.

4. **Test:** Once all connections are made, restore power to the installation area and test the lamp's functionality.

4. OPERATION

The Commax CL-302i Lamp functions as an accessory light. Its operation is typically controlled by an external switch or integrated system to which it is connected. Once properly installed and powered, the lamp will illuminate when activated by the controlling system.

5. MAINTENANCE

The Commax CL-302i Lamp requires minimal maintenance to ensure long-term performance.

- **Cleaning:** Periodically wipe the exterior of the lamp with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the finish.
- **Inspection:** Regularly inspect the wiring and connections for any signs of wear, damage, or loose contacts. Address any issues promptly.
- **Component Replacement:** The lamp utilizes integrated LED components and is not designed for user-serviceable bulb replacement. If the lamp malfunctions, consult the troubleshooting section or contact support.

6. TROUBLESHOOTING

If you encounter issues with your Commax CL-302i Lamp, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lamp does not illuminate.	No power supply. Incorrect wiring. Faulty lamp unit.	Check if power is supplied to the circuit. Verify wiring connections according to Figure 2.3. If power and wiring are correct, the unit may be faulty; contact support.
Lamp flickers or dims.	Unstable power supply. Loose connection. Overheating.	Ensure a stable 24V DC power source. Check all wiring connections for tightness. Ensure adequate ventilation around the lamp.

If the problem persists after attempting these solutions, please contact customer support.

7. SPECIFICATIONS

Model	CL-302i
Manufacturer	Commax
Seller Brand	Generic
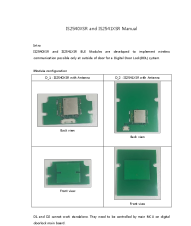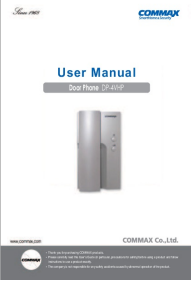
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Color Temperature	3000 Kelvin
Item Package Quantity	1
Position	Center
ASIN	B09NZMSXZ2
First Available Date	July 25, 2023

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact your retailer. Specific warranty terms may vary depending on the region and point of sale. If you require technical assistance or have questions not covered in this manual, please reach out to the manufacturer or authorized service center.

Related Documents - CL-302i

	COMMAX JNS-4CS Product User Manual - Nurse Call Bed Console Unit Official user manual for the COMMAX JNS-4CS Nurse Call / Bed Console Unit. Learn how to use the device, its specifications, and compatibility with other COMMAX systems.
	IS2540XSR and IS2541XSR BLE Modules for Digital Door Locks Technical manual detailing the IS2540XSR and IS2541XSR BLE modules used in COMMAX Digital Door Lock systems, explaining their configuration, connection, and wireless communication functionality.
	COMMAX Door Phone DP-4VHP User Manual and Safety Guide Comprehensive user manual for the COMMAX DP-4VHP Door Phone, covering installation, operation, safety precautions, specifications, and contact information. Features clear instructions and warnings.
	How to Use the Commax CDV-70QT Video Door Phone: A Simple Manual 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.
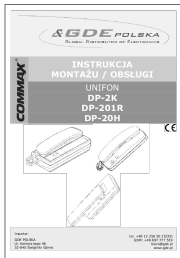
[Instrukcja Montażu i Obsługi: Unifon COMMAX DP-2K, DP-201R, DP-20H oraz Stacja Bramowa DR-2K](#)

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.

[COMMAX NURESCALL SYSTEM JNS-4CM User Manual](#)

Comprehensive user manual for the COMMAX NURESCALL SYSTEM JNS-4CM, detailing system introduction, specifications, features, functions, operation, programming, and installation procedures.