MOES CCP-US-MS

MOES Smart Home Touchscreen Control Panel User Manual

Model: CCP-US-MS
Brand: MOES

Product Overview

The MOES Smart Home Touchscreen Control Panel is an in-wall smart panel designed to centralize control of various Smart Life devices. It features a 5-inch full touchscreen display and integrated Alexa voice assistant for hands-free operation. This panel also includes Zigbee gateway functionality, eliminating the need for a separate hub for Zigbee devices. It supports both wired and wireless network connections and offers flexible power supply options.



Figure 1: The MOES Smart Home Touchscreen Control Panel and its retail packaging.

Safety Information

- Installation should be performed by a qualified electrician or in accordance with local electrical codes.
- Ensure power is disconnected at the circuit breaker before installation or maintenance.
- This device requires a neutral wire for proper operation.
- Do not expose the device to moisture or extreme temperatures.

- Avoid using abrasive cleaners on the touchscreen.

Package Contents

Verify that all items are present in the package:

- MOES Smart Home Touchscreen Control Panel (Model: CCP-US-MS)
- User Manual (this document)
- Mounting Screws

Setup and Installation

The Smart Control Panel supports two power supply methods: direct circuit connection (requiring live and neutral wires) and TYPE-C mode for power supply. It is designed for installation in North and Latin American electrical boxes.

1. Wiring Diagram

Refer to the diagram below for correct wiring. Ensure the power is off before proceeding.

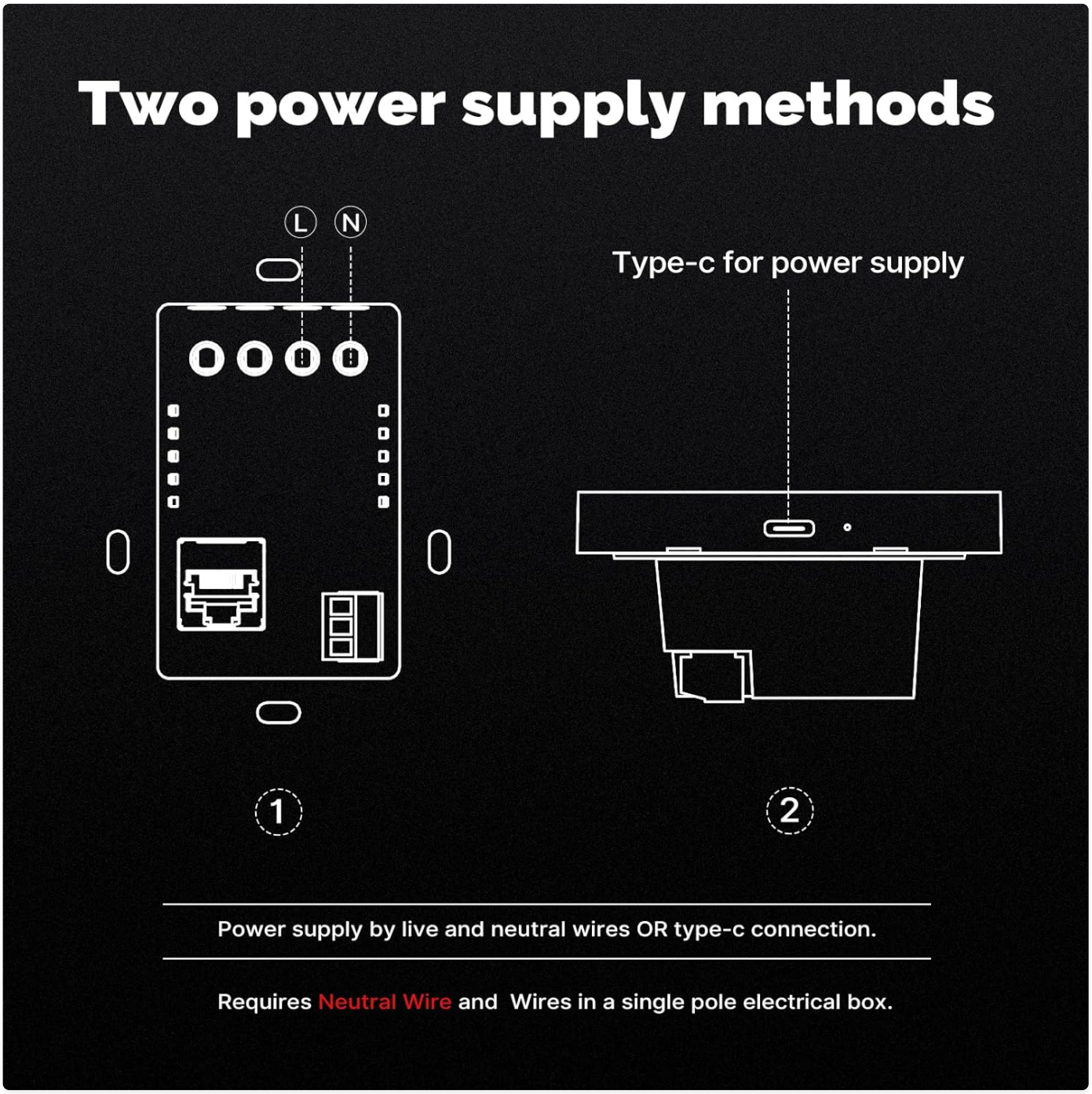


Figure 2: Wiring diagram illustrating the two power supply methods (circuit and Type-C) and the required neutral wire connection. It also shows the Ethernet port for stable internet connection.

2. Physical Installation

1. **Power Off:** Turn off the power at the circuit breaker for the switch you are replacing.
2. **Remove Old Switch:** Carefully remove the existing wall plate and switch.
3. **Identify Wires:** Identify the Live (L), Neutral (N), and Load (L1, L2 for dual switch models) wires. This panel requires a neutral wire.
4. **Connect Wires:** Connect the corresponding wires from your wall box to the terminals on the back of the MOES Smart Control Panel.
    - Connect the Live wire to the 'L' terminal.
    - Connect the Neutral wire to the 'N' terminal.
    - Connect the Load wires (for lights/devices) to the 'L1' and 'L2' terminals (if applicable for your model).
    - For stable internet connection, an Ethernet cable can be connected to the RJ45 port.
5. **Mount Panel:** Secure the panel into the electrical box using the provided screws.

6. **Restore Power:** Turn the power back on at the circuit breaker.



Figure 3: Rear view of the control panel, highlighting the RJ45 Ethernet port and the 485 interface for wired connectivity, along with the L, N, L1, L2 terminals.



Figure 4: Detailed view of the control panel's front display and rear wiring terminals, including the Ethernet port.

3. Initial Setup and App Connection

After installation, the panel will power on. Follow the on-screen prompts to select your language and connect to your Wi-Fi network. The panel features a dTOF sensor to detect motion and automatically light up the screen when approached.

Your browser does not support the video tag.

Video 1: Unboxing and initial setup guide for the MOES Smart Control Panel, demonstrating screen features, rear connections, and the process of connecting to Wi-Fi and the Tuya app.

To integrate with your smart home ecosystem, download the Tuya Smart or Smart Life app on your smartphone. Use the app to scan the QR code displayed on the panel to bind the device. Once connected, you can manage your smart devices and scenes directly from the panel or through the app.

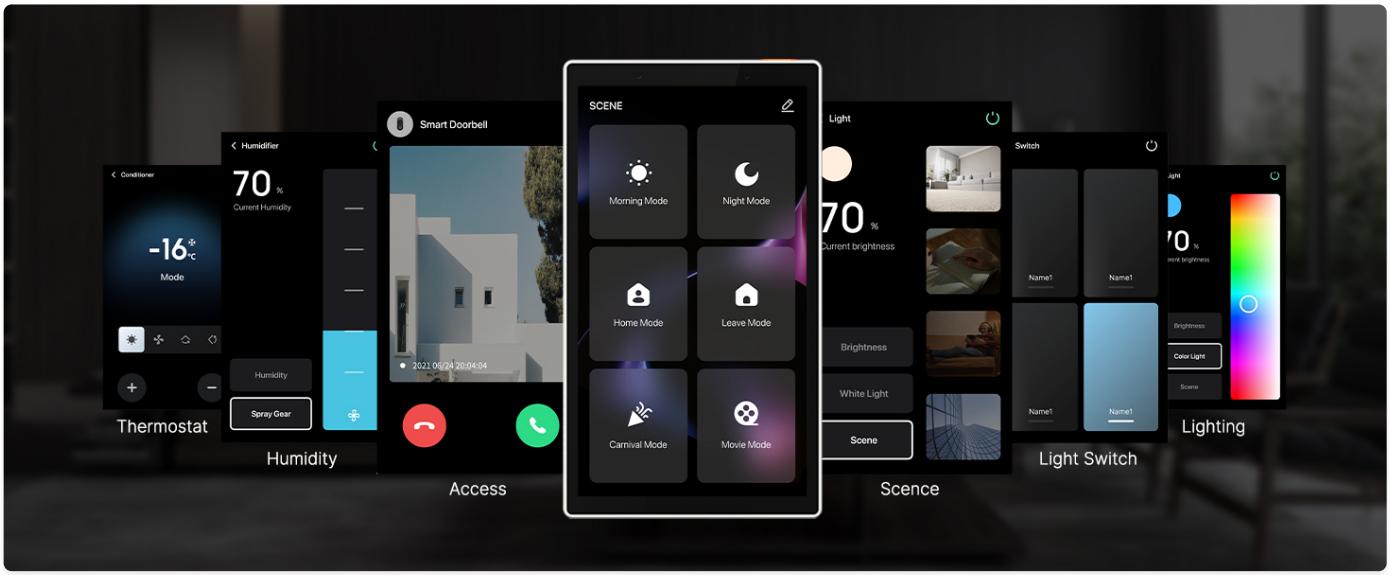


Figure 5: Examples of the intuitive user interface on the control panel, displaying various smart home controls and scenes.

Operating Instructions

1. Touchscreen Control

The 5-inch full touchscreen allows for seamless management of your smart devices and scenes. Swipe through different screens to access various device categories and customize settings. The panel's high resolution (226 PPI) ensures a clear and responsive experience.



Figure 6: A user demonstrating the intuitive touch control functionality of the panel.

2. Voice Control with Alexa Built-in

The panel features a built-in Alexa voice assistant, enabling hands-free control of your smart home devices, scenes, and other Alexa skills. Simply use voice commands to interact with your smart home. A physical mute button is available for privacy.

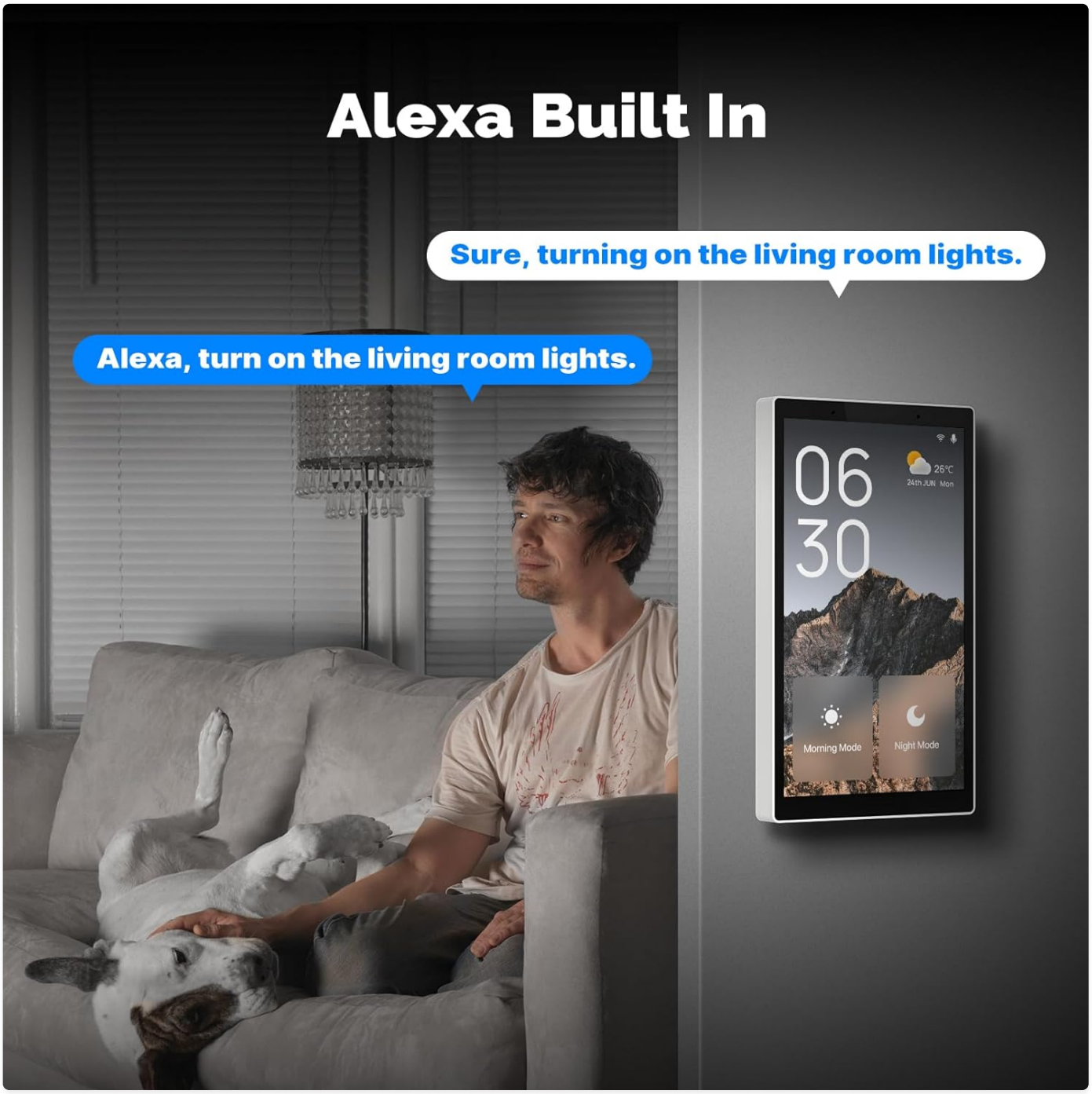


Figure 7: Illustration of the Alexa Built-in feature, allowing users to control smart devices with voice commands.



Figure 8: The control panel integrates with Alexa for voice commands, offering a convenient way to manage your smart home.

3. Managing Smart Home Ecosystem

The panel acts as a central hub, compatible with a wide range of Smart Life devices including switches, light bulbs, sockets, cameras, and door locks. Its integrated Zigbee gateway allows for localized control and expands your smart home capabilities without needing an additional hub.



Figure 9: The control panel serves as a central point for managing a diverse range of smart home devices.



Figure 10: An overhead view illustrating how the control panel integrates various smart devices throughout a home.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the screen and outer casing. Do not use liquid or aerosol cleaners directly on the device.
- **Firmware Updates:** Periodically check the Tuya Smart/Smart Life app for available firmware updates to ensure optimal performance and access to new features.

Troubleshooting

Problem	Possible Cause	Solution
Panel does not power on.	No power supply or incorrect wiring.	Check circuit breaker. Verify live, neutral, and load connections are correct. Ensure neutral wire is connected.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password, weak signal, or router issues.	Double-check Wi-Fi password. Move router closer or use Ethernet connection. Restart router. Ensure 2.4GHz Wi-Fi is used.
Alexa voice commands not responding.	Microphone muted or internet connectivity issue.	Check the physical mute button on the side of the panel. Verify internet connection. Re-link Alexa account in the app if necessary.
Smart devices not appearing on the panel.	Devices not properly paired with the app or panel.	Ensure devices are added to your Tuya Smart/Smart Life app. Verify Zigbee devices are within range of the panel's gateway.

Specifications

- **Model Number:** CCP-US-MS
- **Brand:** MOES
- **Screen:** 5-inch full touchscreen, 226 PPI resolution
- **Processor:** ARM chip up to 1.3GHz
- **Connectivity:** Wi-Fi, Zigbee gateway, Bluetooth mesh, Ethernet (RJ45)
- **Voice Assistant:** Built-in Alexa
- **Power Supply:** TYPE-C mode and circuit connection (requires Neutral Wire)

- **Dimensions:** Approximately 5.01 x 2.85 x 1.43 inches (12.73 x 7.24 x 3.63 cm)
- **Item Weight:** 13.1 ounces (371.4 grams)
- **Color:** Black
- **Included Components:** Smart Home Touchscreen Control
- **Manufacturer:** WENZHOU NOVA NEW ENERGY CO.,LTD
- **First Available:** January 17, 2024



Figure 11: Product dimensions for installation planning.

Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official MOES website. You can also contact MOES customer service through the contact information available on their Amazon store page or product packaging.

MOES Store Link: Visit the MOES Store on Amazon

© 2024 MOES. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question