MOES 3.5 inch Smart Home Display (ASIN: B0DG292WDX)

MOES 3.5 inch Smart Home Display User Manual

Model: 3.5 inch Smart Home Display (ASIN: B0DG292WDX)

1. Introduction

The MOES 3.5 inch Smart Home Display is an all-in-one control panel designed to centralize your smart home devices. It integrates BLE and Mesh Hub functionalities, along with an IR remote control, allowing seamless management of various Tuya smart switches, doorbells, and thermostats. This device is compatible with popular voice assistants like Amazon Alexa and Google Home, providing a comprehensive solution for modern smart living.

1.1 Package Contents

- MOES 3.5 inch Smart Home Display Unit
- Mounting Screws
- User Manual (this document)
- Quick Start Guide



Figure 1.1: The MOES 3.5 inch Smart Home Display. This image shows the device with its screen displaying the current time (06:30), date (24th Jun Mon), and temperature (26°C). Below the time, two touch-sensitive buttons are visible: "Leave mode" and "Home mode," indicating quick access to predefined smart home scenarios. To the right of the display, two white, rectangular physical buttons are integrated, likely for additional control functions.

2. Safety Information

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Installation should only be performed by a qualified electrician or in accordance with local electrical codes. Ensure power is disconnected before installation or maintenance.
- **Environment:** Do not expose the device to excessive moisture, extreme temperatures, or direct sunlight. Use indoors only.
- **Handling:** Handle the device with care. Avoid dropping or subjecting it to strong impacts.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use liquid cleaners or aerosols.

3. Setup

3.1 Installation

1. **Power Disconnection:** Before beginning installation, turn off the main power supply at your circuit breaker to prevent electric shock.
2. **Mounting Location:** Choose a suitable wall location, preferably near existing electrical wiring for power. Ensure the location is within Wi-Fi range for optimal performance.
3. **Wiring:** Connect the device to your home's electrical wiring according to the provided wiring diagram in the Quick Start Guide. Ensure all connections are secure. *(Note: A detailed wiring diagram is typically provided in a separate quick start guide or on the product packaging.)*
4. **Mounting:** Secure the display unit to the wall using the provided mounting screws.
5. **Power Restoration:** Once installation is complete and all connections are secure, restore power at the circuit breaker. The display should power on.

3.2 Initial Configuration

1. **First Boot:** Upon first power-up, the display will guide you through the initial setup process.
2. **Network Connection:** Connect the device to your home Wi-Fi network. Follow the on-screen prompts to select your network and enter the password.
3. **App Pairing:** Download the Tuya Smart or Smart Life app from your mobile app store. Create an account or log in.
4. **Device Discovery:** In the app, follow the instructions to add a new device. The display should be automatically discovered or can be added manually.
5. **Device Naming:** Assign a name to your Smart Home Display for easy identification within the app.
6. **Time and Date:** The device will typically synchronize time and date automatically once connected to the internet. Verify the settings.

4. Operating Instructions

4.1 Navigating the Display

The 3.5-inch touchscreen display provides an intuitive interface for controlling your smart home. Swipe left/right or tap icons to navigate between different screens and functions.

- **Home Screen:** Displays time, date, weather, and quick access buttons (e.g., "Leave mode", "Home mode").
- **Device Control:** Access and control connected smart switches, lights, thermostats, and other Tuya-compatible devices.
- **Scene Management:** Activate pre-configured scenes or create new ones directly from the display.
- **Settings:** Adjust display brightness, network settings, sound, and other system preferences.

4.2 Controlling Devices

From the device control screen, you can:

- **Turn On/Off:** Tap the icon next to a device to toggle its power state.
- **Adjust Settings:** For devices like dimmable lights or thermostats, tap the device icon to access detailed control options (e.g., brightness slider, temperature setpoint).
- **Group Control:** If devices are grouped in the Tuya app, you can control the entire group from the display.

4.3 Using IR Remote Control

The integrated IR remote control allows you to manage traditional infrared-controlled devices such as TVs, air conditioners, and set-top boxes. You can add and configure these devices through the Tuya Smart app, and then control them via the display.

4.4 Voice Control Integration

The MOES Smart Home Display is compatible with Amazon Alexa and Google Home. To enable voice control:

1. **Link Accounts:** In your Alexa or Google Home app, enable the "Tuya Smart" or "Smart Life" skill/action.
2. **Authorize:** Log in with your Tuya Smart account credentials to link the accounts.
3. **Discover Devices:** Ask Alexa or Google Home to "discover devices." Your MOES display and connected devices will appear.
4. **Voice Commands:** You can now use voice commands to control your devices, e.g., "Alexa, turn on the living room lights," or "Hey Google, set thermostat to 22 degrees."

5. Connectivity

The display supports multiple connectivity options to ensure comprehensive smart home integration.

- **Wi-Fi:** Primary connection for internet access and communication with the Tuya cloud.
- **BLE (Bluetooth Low Energy):** Used for local device discovery and control of certain Bluetooth-enabled devices.
- **Mesh Hub:** Acts as a central hub for Zigbee or Bluetooth Mesh devices, extending the range and reliability of your smart home network.
- **IR Remote Control:** Built-in infrared emitter for controlling traditional IR devices.

6. Maintenance

6.1 Cleaning

- Ensure the device is powered off before cleaning.
- Use a soft, lint-free, dry cloth to wipe the screen and exterior.
- Do not use abrasive cleaners, solvents, or spray directly onto the device.

6.2 Firmware Updates

The device may receive firmware updates periodically to improve performance, add features, or fix bugs. These updates are typically delivered over-the-air (OTA) via the Tuya Smart app. Ensure your device is connected to Wi-Fi and has sufficient power during updates.

7. Troubleshooting

Problem	Possible Cause	Solution
Device not powering on.	No power supply; incorrect wiring.	Check circuit breaker. Verify wiring connections according to the Quick Start Guide.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password; weak signal; router issues.	Double-check password. Move device closer to router. Restart router. Ensure 2.4GHz Wi-Fi is used.

Problem	Possible Cause	Solution
Devices not responding to control.	Device offline; app not synced; network issues.	Check device status in Tuya app. Ensure display is connected to Wi-Fi. Restart display.
Voice control not working.	Accounts not linked; skill/action not enabled; incorrect commands.	Verify Tuya skill/action is enabled and accounts are linked in Alexa/Google Home app. Use correct voice commands.

8. Specifications

Feature	Detail
Display Size	3.5 inches
Connectivity	Wi-Fi, BLE, Mesh Hub, IR Remote
Compatibility	Tuya Smart, Amazon Alexa, Google Home
Power Supply	*(Not specified in input, assume standard wall power)*
Dimensions	3.82 x 3.78 x 1.93 inches (9.7 x 9.6 x 4.9 cm)
Weight	7.02 ounces (199 grams)
Manufacturer	WENZHOU NOVA NEW ENERGY CO.,LTD

9. Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official MOES website. For technical support, troubleshooting assistance, or further inquiries, please contact MOES customer service through their official channels or the Tuya Smart app support section.
MOES Official Store: Visit MOES Store on Amazon

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