MOES UFO-R1

MOES WiFi Smart IR Remote Controller User Manual

Brand: MOES | **Model:** UFO-R1

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your MOES WiFi Smart IR Remote Controller. This device is designed to centralize control of your infrared (IR) home appliances, such as air conditioners, TVs, fans, DVD players, and set-top boxes, through a single smartphone application and voice commands. It offers convenience by replacing multiple traditional remote controls and enabling remote access to your devices.

Product Overview and Key Features

The MOES WiFi Smart IR Remote Controller is a compact and powerful device that simplifies your home entertainment and climate control.

- **All-in-One Control:** Consolidate control of various IR devices (ACs, TVs, fans, DVDs, STBs, TV BOXes) into one smart device.
- **Remote Control from Anywhere:** Manage your IR devices using the free "Smart Life/Tuya" mobile app on your Android or iOS device, even when you are away from home.
- **Hands-free Voice Control:** Compatible with Amazon Alexa and Google Assistant, allowing you to control your appliances with simple voice commands.
- **Customized DIY Copy Function:** If your specific device brand is not listed in the app, you can use the DIY learning function to copy commands from your original remote control.
- **Wide IR Control Range:** Effective within a diameter of 16 meters in a single room, suitable for most living rooms and bedrooms.



Image: The MOES Smart IR Remote Controller, illustrating its capabilities for wireless remote control via smartphones, including timing, compatibility, voice control, and family sharing features.



Image: This illustration shows how the MOES Smart IR Remote Controller and a mobile phone can replace numerous traditional remote controls for various home appliances, centralizing control.

Package Contents

Please verify that all items are present in your package:

- MOES WiFi Smart IR Remote Controller (UFO-R1)
- UL Certified Power Adapter
- USB 2.0 Cable
- User Manual (this document)



Image: The MOES Smart IR Remote Controller, its packaging, power adapter, and USB cable, representing the typical contents of the product package.

Setup Instructions

1. Physical Placement and Power Connection

Place the MOES Smart IR Remote Controller in a central location within the room where you intend to control IR devices. Ensure there are no obstructions between the controller and the devices it will control, as infrared signals cannot penetrate walls or solid objects. For optimal performance, it is recommended to use one smart IR controller per room.

Connect the provided USB 2.0 cable to the controller and then to the UL certified power adapter. Plug the adapter into a standard wall socket. Alternatively, you can power the device using any available USB port.

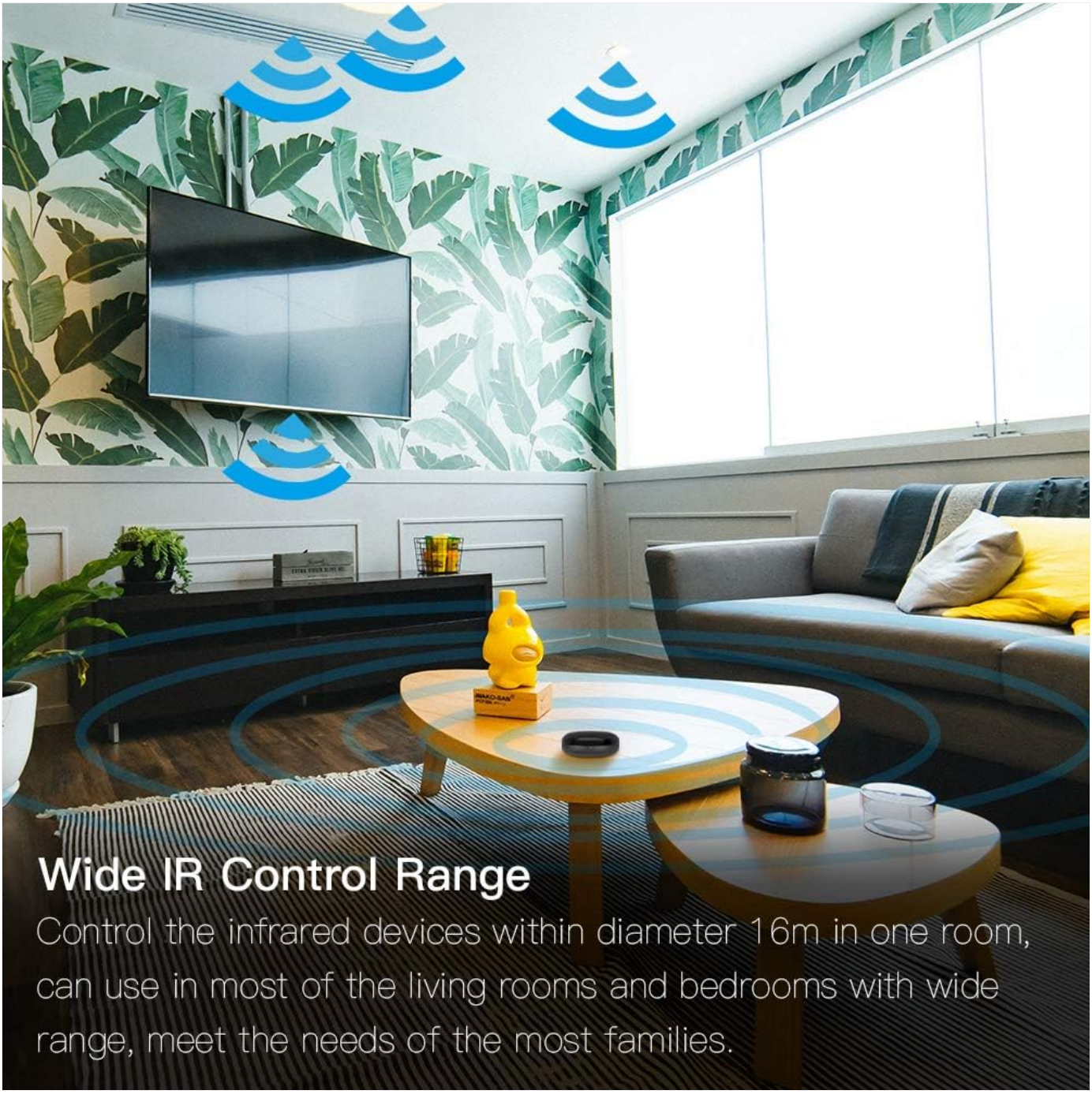


Image: The MOES Smart IR Remote Controller positioned in a living room, illustrating its wide IR control range that covers devices within a 16-meter diameter in a single room.

2. App Installation and Device Pairing

1. Download the "Smart Life" or "Tuya" app from your mobile device's app store (available for Android and iOS).
2. Register or log in to your account within the app.
3. Ensure your mobile device is connected to a**2.4GHz WiFi network**. The MOES Smart IR Remote Controller only supports 2.4GHz WiFi connections.
4. In the app, tap the "+" icon to add a new device.
5. Select "Infrared Universal Remote Control" or a similar option from the device list.
6. Follow the on-screen instructions in the app to put the controller into pairing mode and complete the network configuration. This typically involves resetting the device (refer to app instructions for specific reset steps, usually holding a button until an indicator light flashes).

Operating Instructions

1. Adding and Controlling IR Devices

Once the MOES Smart IR Remote Controller is successfully paired with the app:

1. In the app, select your MOES Smart IR Remote Controller.
2. Tap "Add Remote Control" or a similar option.
3. Choose the type of appliance you wish to control (e.g., TV, Air Conditioner, Fan, DVD).
4. Select the brand of your appliance from the provided list. The app will attempt to find a matching IR code library.
5. Test the controls to ensure proper functionality.

2. Hands-free Voice Control

Integrate your MOES Smart IR Remote Controller with Amazon Alexa or Google Assistant for voice commands.

1. Ensure your Alexa or Google Assistant device is set up and connected to the same network as your MOES controller.
2. In the Alexa or Google Home app, enable the "Smart Life" or "Tuya" skill/action.
3. Link your Smart Life/Tuya account.
4. Discover devices. Your IR controlled appliances will now be accessible via voice commands.

Example Voice Commands:

- "Alexa, turn on the TV."
- "Hey Google, set A/C to 77 degrees Fahrenheit."



Image: The MOES Smart IR Remote Controller facilitating voice control of a television via Amazon Alexa and Google Assistant, demonstrating typical voice commands.

3. Customized DIY Copy Function

If your appliance brand is not found in the app's pre-programmed library, you can use the DIY learning function:

1. In the app, select your MOES Smart IR Remote Controller and choose the "DIY" or "Custom" option.
2. Follow the app's prompts to teach the controller specific IR signals from your original remote control. This usually involves pointing your original remote at the MOES controller and pressing the desired button.
3. Label the learned functions for easy identification.

4. Remote Control from Anywhere

As long as your MOES Smart IR Remote Controller is connected to your home WiFi and your smartphone has internet access, you can control your IR devices from any location. This allows you to turn on your air conditioner before arriving home or switch off the TV if you forgot.



Image: This image demonstrates the ability to remotely control IR devices, such as an air conditioner, from anywhere using the MOES Smart IR Remote Controller and a mobile app, whether you are outside or within your home.

5. Timing Control and Family Sharing

The Smart Life/Tuya app allows you to set schedules and timers for your IR devices. For example, you can program your AC to turn on at a specific time. You can also share control of the MOES Smart IR Remote Controller with family members through the app, allowing multiple users to manage the connected appliances.

Maintenance

To ensure the longevity and optimal performance of your MOES WiFi Smart IR Remote Controller:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Ensure the device is placed in a location where its IR signal is not obstructed.

Troubleshooting

Problem	Possible Cause	Solution
Device not connecting to WiFi.	Incorrect WiFi band (not 2.4GHz), incorrect password, weak signal.	Ensure your router is broadcasting a 2.4GHz network and your phone is connected to it during setup. Verify WiFi password. Move the controller closer to the router.
IR device not responding to commands.	Obstruction between controller and device, controller too far, incorrect IR code, device not powered on.	Ensure clear line of sight. Move controller closer (within 16m). Try different IR codes for the device in the app. Use the DIY learning function if no codes work. Confirm the appliance is powered on.
Voice control not working.	Skill/action not enabled, account not linked, incorrect commands.	Verify that the "Smart Life" or "Tuya" skill/action is enabled in your Alexa/Google Home app and your accounts are linked. Use precise commands as listed in the app.
Cannot find device brand in app.	Brand not pre-programmed.	Use the Customized DIY Copy Function to learn commands from your original remote.

Specifications

Parameter	Value
Product Name	Wi-Fi Remote Control
Product Model	UFO-R1
Power Input	5V DC 1A (Micro USB)
Work Temperature	0-50°C (32-122°F)
Work Humidity	<85% RH
Connection Type	2.4GHz 802.11b/g/n WiFi
IR Distance	<8m (effective range up to 16m diameter)
Dimensions (L x W x H)	65mm x 65mm x 27mm (2.60in x 2.60in x 1.06in)
Item Weight	3.52 ounces



Image: A visual representation of the MOES Smart IR Remote Controller's dimensions and a table summarizing its product parameters, including name, model, power input, and operating conditions.

Warranty and Support

For specific warranty information and customer support, please refer to the documentation included with your purchase or visit the official MOES website. You can also find additional support and product information on the MOES Brand Store on Amazon.

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