Broadlink RM4 Pro

Broadlink RM4 Pro Universal Remote Instruction Manual

Model: RM4 Pro

1. INTRODUCTION

The Broadlink RM4 Pro is a universal remote designed to integrate and control various infrared (IR) and radio frequency (RF) devices within your smart home ecosystem. It supports a wide range of appliances, enabling smart automation and voice control through compatible platforms like Amazon Alexa and Google Home. This manual provides detailed instructions for setting up, operating, and maintaining your RM4 Pro device.

2. SAFETY INFORMATION

- Ensure the device is powered by a 5V 1A adapter. Using an incorrect power adapter may damage the device or cause malfunction.

- Do not expose the device to water, moisture, or extreme temperatures.

- Avoid placing the device in direct sunlight or near heat sources.

- Keep the device out of reach of children.

- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.

- For optimal IR signal transmission, ensure there are no obstacles between the RM4 Pro and the IR-controlled appliance.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x Broadlink RM4 Pro Universal Remote

- 1x USB Charger Cable (Note: Power adapter not included)

- 1x Mounting board

- 1x User Manual (this document)

Image: Broadlink RM4 Pro device and its packaging.

4. PRODUCT OVERVIEW

The Broadlink RM4 Pro is a compact, black device with a sleek design. It features an indicator light on the front that provides status feedback. The device acts as a central hub for controlling your IR and RF appliances.

Image: Front view of the Broadlink RM4 Pro, showing its compact design and blue indicator light.

5. SETUP

5.1 Powering On the Device

Connect the provided USB charger cable to the RM4 Pro and plug the other end into a 5V 1A USB power adapter (not included). The indicator light will illuminate, indicating the device is powered on.

5.2 App Download and Installation

Download the BroadLink App from the App Store (for iOS) or Google Play Store (for Android). Search for "BroadLink" and install the official application.

5.3 Wi-Fi Configuration

The RM4 Pro supports 2.4 GHz Wi-Fi networks only. It does not support 5 GHz Wi-Fi or mesh router configurations. Ensure your Wi-Fi password contains no more than 32 characters and avoids special characters not available on a standard keyboard layout.

1. Open the BroadLink App and create an account or sign in.

2. Follow the in-app instructions to add a new device. The app will guide you through connecting the RM4 Pro to your Wi-Fi network.

3. For the first FastCon device, add it as usual. Subsequent FastCon devices will be automatically discovered when powered on.
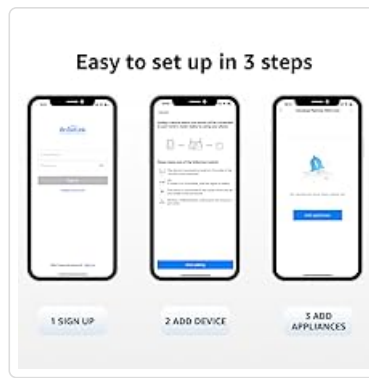
Image: Visual representation of the three-step setup process: Sign Up, Add Device, Add Appliances.

6. OPERATING INSTRUCTIONS

6.1 Adding and Controlling Appliances

The RM4 Pro supports over 50,000 IR 38KHz controlled devices (TVs, STBs, Air conditioners, Fans) and RF 433/315MHz fixed code controlled devices (curtain/shades motors, projectors). It does not support Bluetooth or RF Rolling Code control.
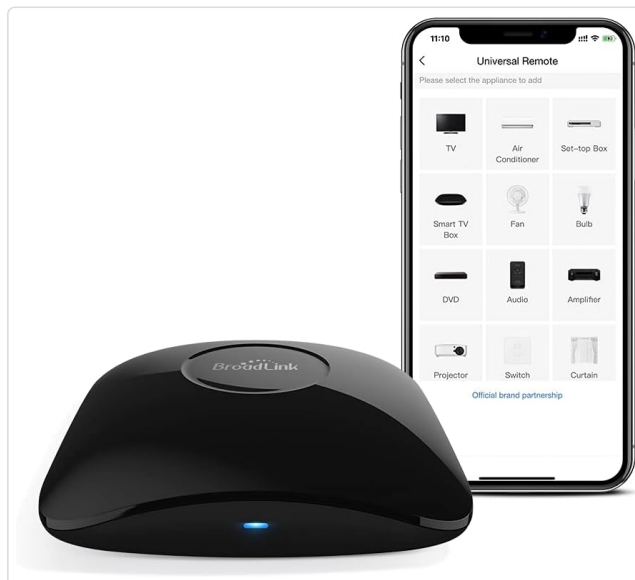

Image: The Broadlink RM4 Pro shown with a smartphone displaying the app interface for selecting appliances to add, such as TV, Air Conditioner, Set-top Box, Fan, and Projector.

To add a device:

1. In the BroadLink App, select the type of appliance you wish to add.

2. Follow the on-screen prompts to either select from the cloud-based device library or use the learning function to program your device's remote control signals.

3. For RF devices, ensure they are fixed code. If your remote requires pairing for first use, it is likely a rolling code and not supported.

Image: Diagram illustrating the learning mode feature, where the Broadlink device can learn signals from existing remote controls and connect to a global cloud service for device compatibility.
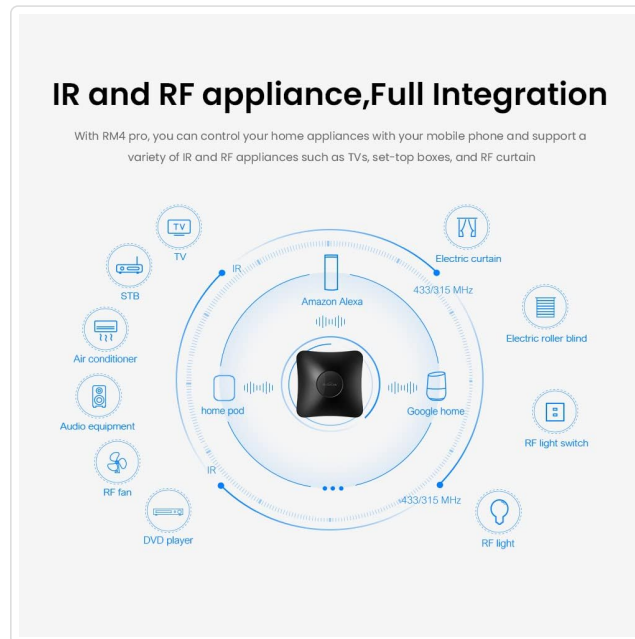

Image: A comprehensive diagram demonstrating the full integration of IR and RF appliances with the Broadlink RM4 Pro, including TVs, STBs, air conditioners, fans, audio equipment, electric curtains, roller blinds, light switches, and lights, all controllable via mobile phone, Amazon Alexa, and Google Home.

6.2 Voice Control Integration

The RM4 Pro is compatible with Amazon Alexa and Google Home for voice control of your TV, STB, Air Conditioner, and Fans. Ensure your devices can be remotely controlled from external networks.

1. In the Amazon Alexa App or Google Home App, enable the skill/service named "BroadLink".

2. Link your BroadLink account and discover devices.

3. You can now use voice commands such as "Alexa, turn on TV" or "Hey Google, set AC to AUTO mode."
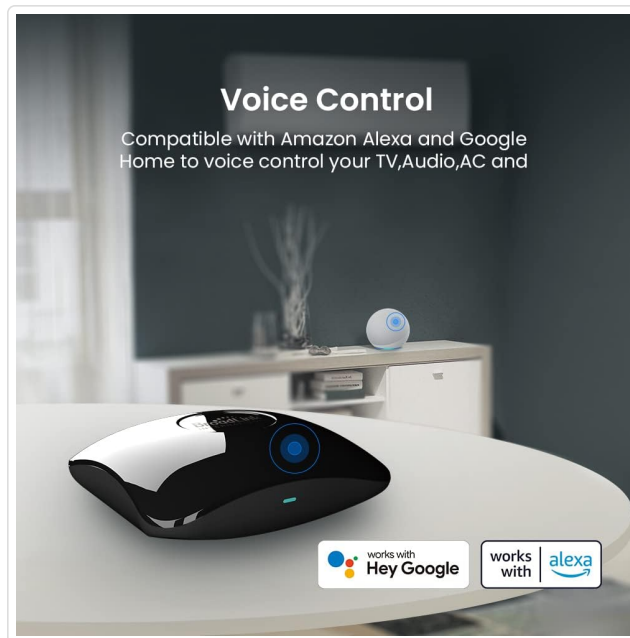
Image: The Broadlink RM4 Pro positioned to illustrate its compatibility with Amazon Alexa and Google Home for voice control of various devices.
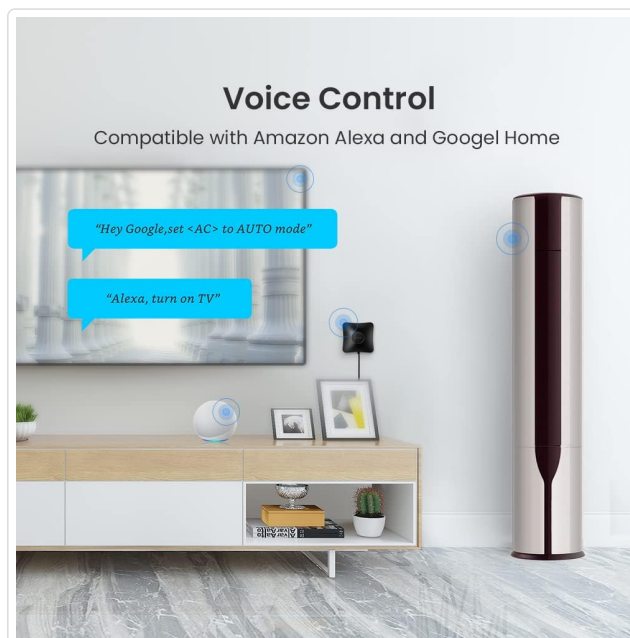

Image: A user interacting with a smart speaker to control a TV via voice commands, demonstrating the Broadlink RM4 Pro's integration with voice assistants.

6.3 IFTTT Integration

The RM4 Pro supports IFTTT (If This Then That) for advanced automation scenarios. Enable the BroadLink service in the IFTTT App to create custom applets.

Image: An example of IFTTT integration, showing a scenario where entering a location triggers the TV to turn on.

6.4 Temperature and Humidity Sensor (Optional)

An external Temperature and Humidity Sensor USB Cable (purchased separately) can be connected to the RM4 Pro. Once connected, the BroadLink App will display the room's temperature and humidity, allowing for more precise environmental control.

6.5 Scheduling and Scenes

Utilize the BroadLink App to create schedules and scenes for your devices. For example, you can set your air conditioner to adjust temperature at specific times or create a "Good Night" scene that turns off lights and adjusts the bedroom air conditioner.
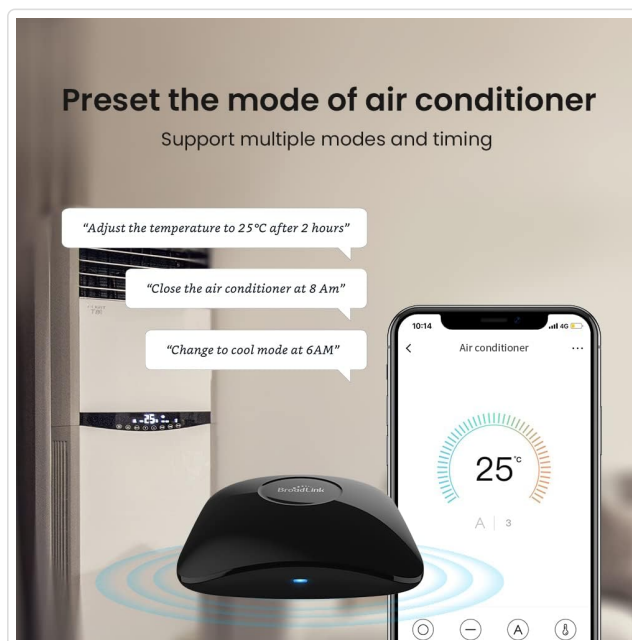

Image: A smartphone screen displaying options to preset air conditioner modes and timing, such as adjusting temperature or turning off at specific hours.
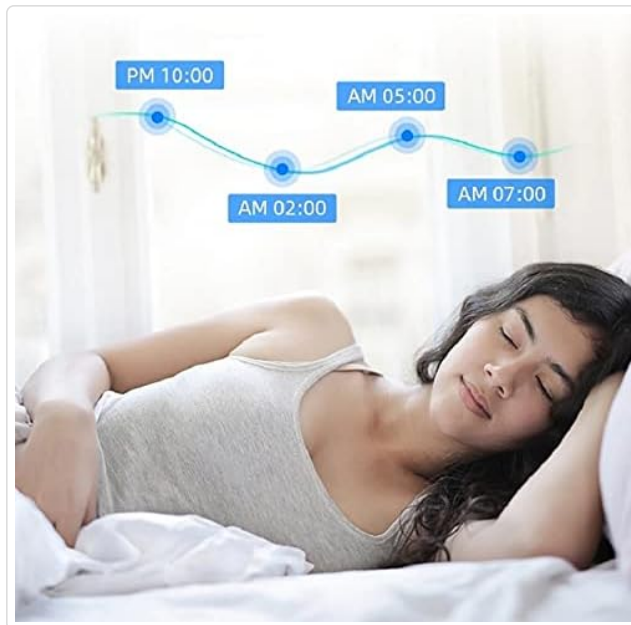
Image: A visual representation of automated temperature adjustments throughout the night, illustrating the scheduling capabilities for comfort during sleep.
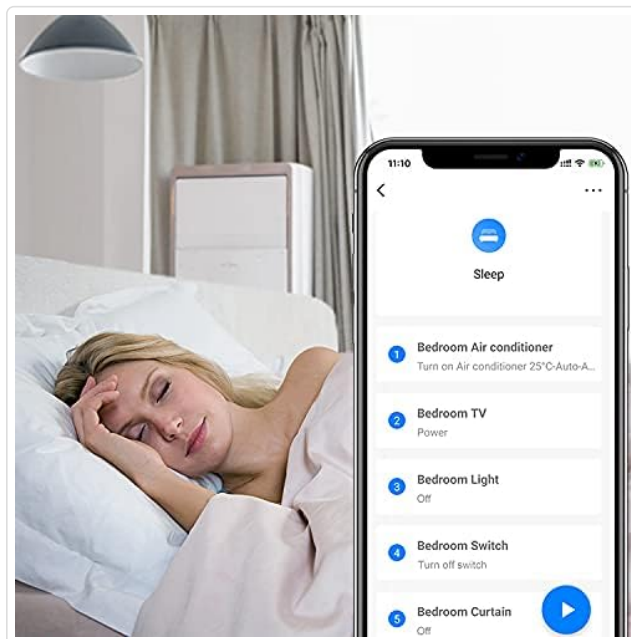

Image: A smartphone app displaying a 'Sleep' scene, detailing automated actions for bedroom devices like turning on the air conditioner, powering off the TV, turning off lights, and closing curtains.

7. MAINTENANCE

- Keep the device clean by wiping it with a soft, dry cloth. Do not use liquid cleaners or aerosols.

- Ensure the device is placed in a location with good ventilation to prevent overheating.

- Regularly check for BroadLink App updates to ensure optimal performance and access to new features.

8. TROUBLESHOOTING

8.1 Device Not Connecting to Wi-Fi

- Ensure your Wi-Fi network is 2.4 GHz. The RM4 Pro does not support 5 GHz networks.

- Check your Wi-Fi password for special characters or length exceeding 32 characters.

- Verify that your router is not a mesh router, as these are not supported for configuration.

- Move the RM4 Pro closer to your Wi-Fi router during the setup process.

- Restart your router and the RM4 Pro.

8.2 Remote Control Signals Not Learning/Working

- For IR devices, ensure there are no physical obstacles between the RM4 Pro and the appliance.

- Confirm that the remote control you are trying to learn is not an RF Rolling Code. The RM4 Pro only supports fixed code RF devices.

- Ensure the remote control is pointed directly at the RM4 Pro during the learning process.

- Try learning the signal multiple times.

8.3 Voice Control Not Responding

- Verify that the BroadLink skill/service is enabled and linked in your Alexa or Google Home app.

- Ensure the devices are discovered by your voice assistant. Try rediscovering devices.

- Check your internet connection.

- Confirm that the device can be controlled remotely via the BroadLink App (outside your home network).

9. SPECIFICATIONS

Product Dimensions	3.94 x 3.54 x 1.18 inches
Item Weight	5.3 ounces
Connectivity Technology	Infrared, RF 433/315MHz (No encryption, fixed code), Wi-Fi 802.11b/g/n (2.4GHz)
Max Number of Supported Devices	18
Compatible Devices	Air Conditioner, Fan, Set Top Box, Television, Projector
Power Input	5V 1A (USB)

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Broadlink website or contact their customer service. Details can typically be found on the product packaging or the Broadlink official website.

No official product videos with 'Seller' creator type were found in the provided data to embed in this manual.

Related Documents - RM4 Pro

	BroadLink RM4 Pro Universal Remote - User Guide and Specifications
	Comprehensive guide for the BroadLink RM4 Pro Universal Remote, covering what's included, overview, indications, troubleshooting, and important notices. Learn about setup, device compatibility, and product features.

	[BroadLink RM4 TV mate Quick Setup Guide](#) Step-by-step instructions for setting up the BroadLink RM4 TV mate universal remote, connecting it to your network, and integrating it with smart home services.
	[BroadLink RM4 Pro Universal Remote Quick Start Guide](#) Quick start guide for the BroadLink RM4 Pro Universal Remote, detailing setup, app preparation, device addition, integrations with Google/Alexa/IFTTT, FAQs, and important notes.
	[BroadLink Quick Start Guide: Setup and Configuration](#) Comprehensive guide to setting up BroadLink smart devices, covering app installation, device connection, IR/RF programming, and integration with Google Assistant and Amazon Alexa.
	[BroadLink Universal Remote Quick Setup Guide](#) Comprehensive guide to setting up your BroadLink Universal Remote. Learn to connect to Wi-Fi, add IR and RF appliances, and integrate with voice assistants like Amazon Alexa and Google Assistant.
	[BroadLink RM4 Pro Univerzálny Diaľkový Ovládač Návod na Použitie](#) Podrobný návod na použitie univerzálneho diaľkového ovládača BroadLink RM4 Pro, vrátane jeho funkcií, nastavenia, technických špecifikácií a kompatibility so smart domácimi systémami ako Google Home a Amazon Alexa.