Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

BroadLink RM4 PRO

BroadLink RM4 Pro Universal IR & RF Smart Remote Control User Manual

Model: RM4 PRO

Introduction

The BroadLink RM4 Pro is a universal remote control designed to integrate your infrared (IR) and radio frequency (RF) controlled devices into a smart home ecosystem. It allows you to control various appliances such as TVs, air conditioners, set-top boxes, fans, motorized curtains, and projectors using a single smartphone application or voice commands through compatible smart assistants like Alexa and Google Home. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your RM4 Pro device.



The BroadLink RM4 Pro integrates with popular smart home platforms for enhanced control.

Setup Guide

Follow these steps to set up your BroadLink RM4 Pro and connect it to your home network and devices.

1. Download the BroadLink App

The BroadLink app is essential for configuring and controlling your RM4 Pro. It is available for both iOS and Android devices.

- Search for "BroadLink" in the Apple App Store or Google Play Store.
- Download and install the app on your smartphone or tablet.
- Register for a new account or log in if you already have one.

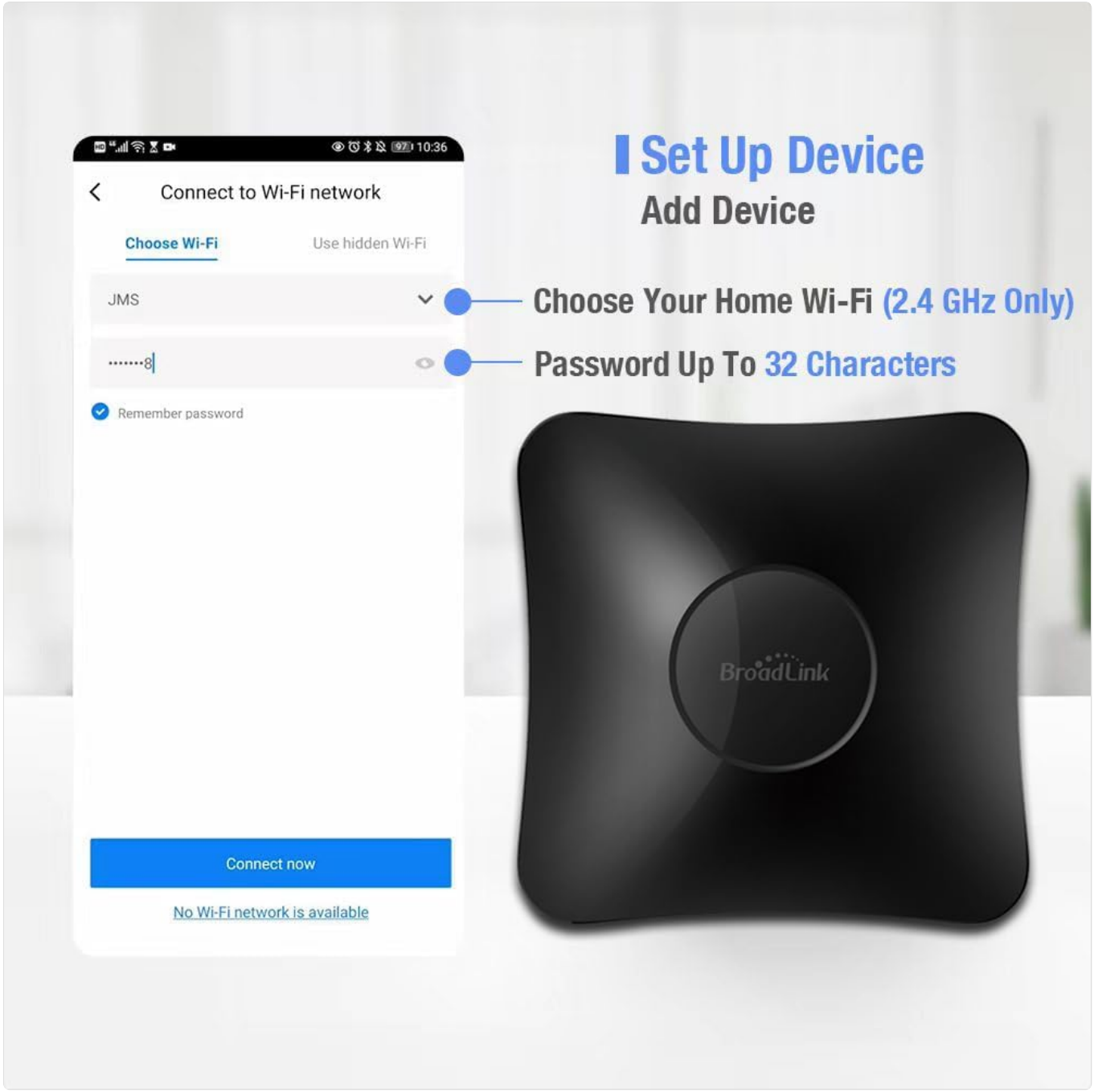


Download the official BroadLink app from your device's app store.

2. Power On and Connect to Wi-Fi

Connect the RM4 Pro to a power source using the provided USB cable and a 5V 1A adapter (not included). The device will power on and its LED indicator will begin to flash.

1. Plug the USB cable into the RM4 Pro and a 5V 1A power adapter.
2. Open the BroadLink app and tap 'Add Device'.
3. Follow the on-screen instructions to connect the RM4 Pro to your **2.4 GHz Wi-Fi network**. The RM4 Pro does not support 5 GHz Wi-Fi or mesh routers.
4. Enter your Wi-Fi password (up to 32 characters) when prompted.

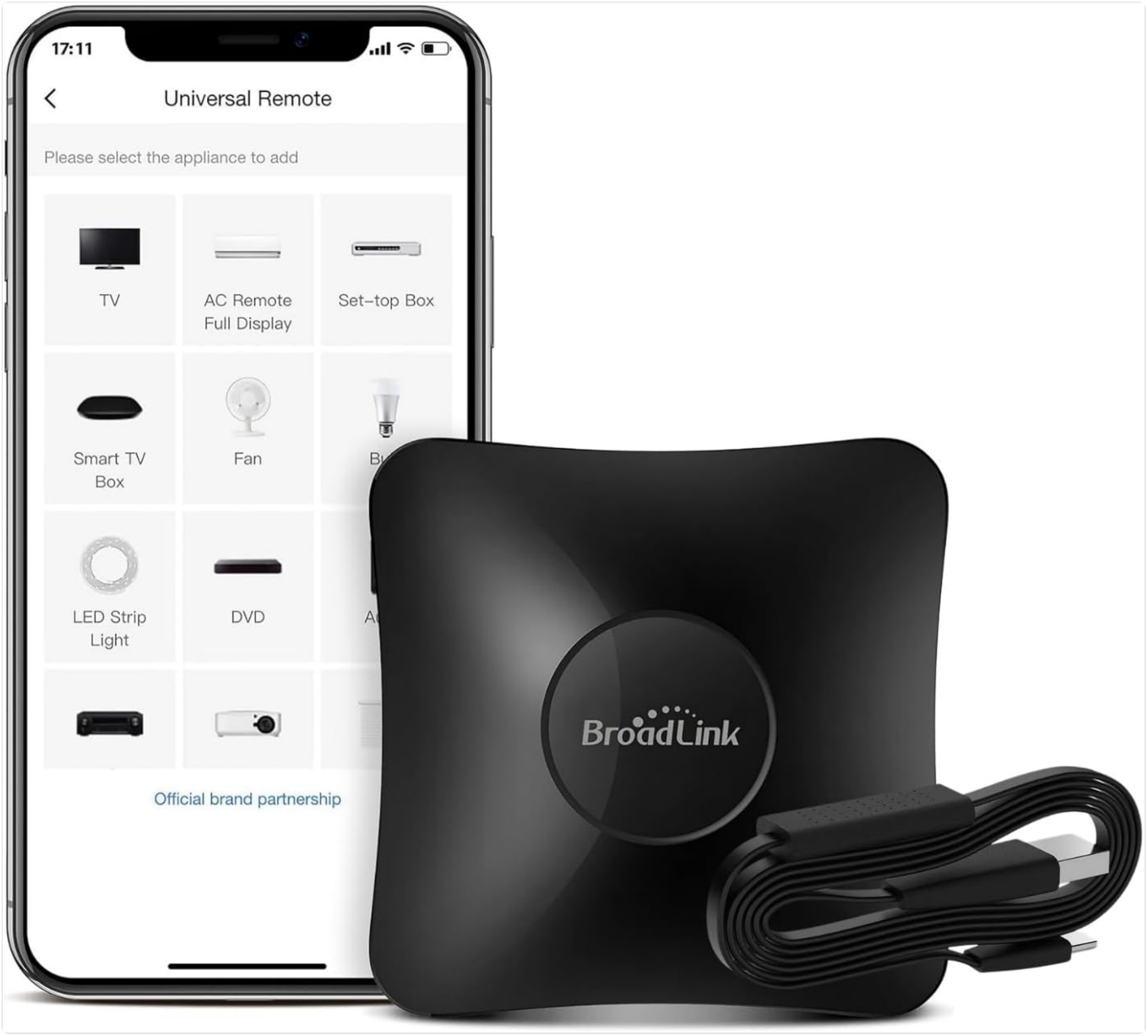


Ensure you connect to a 2.4 GHz Wi-Fi network during setup.

3. Add Devices (IR/RF Learning)

Once connected to Wi-Fi, you can start adding your IR and RF controlled appliances.

- In the BroadLink app, select the type of device you want to add (e.g., TV, AC, STB).
- The app will guide you through the learning process, where you point your original remote at the RM4 Pro to teach it commands.
- For IR devices, ensure the RM4 Pro has a clear line of sight to the appliance.
- For RF devices, the RM4 Pro supports 433MHz fixed code. It does**not** support RF Rolling Code. Verify your device's RF type before attempting to learn commands.

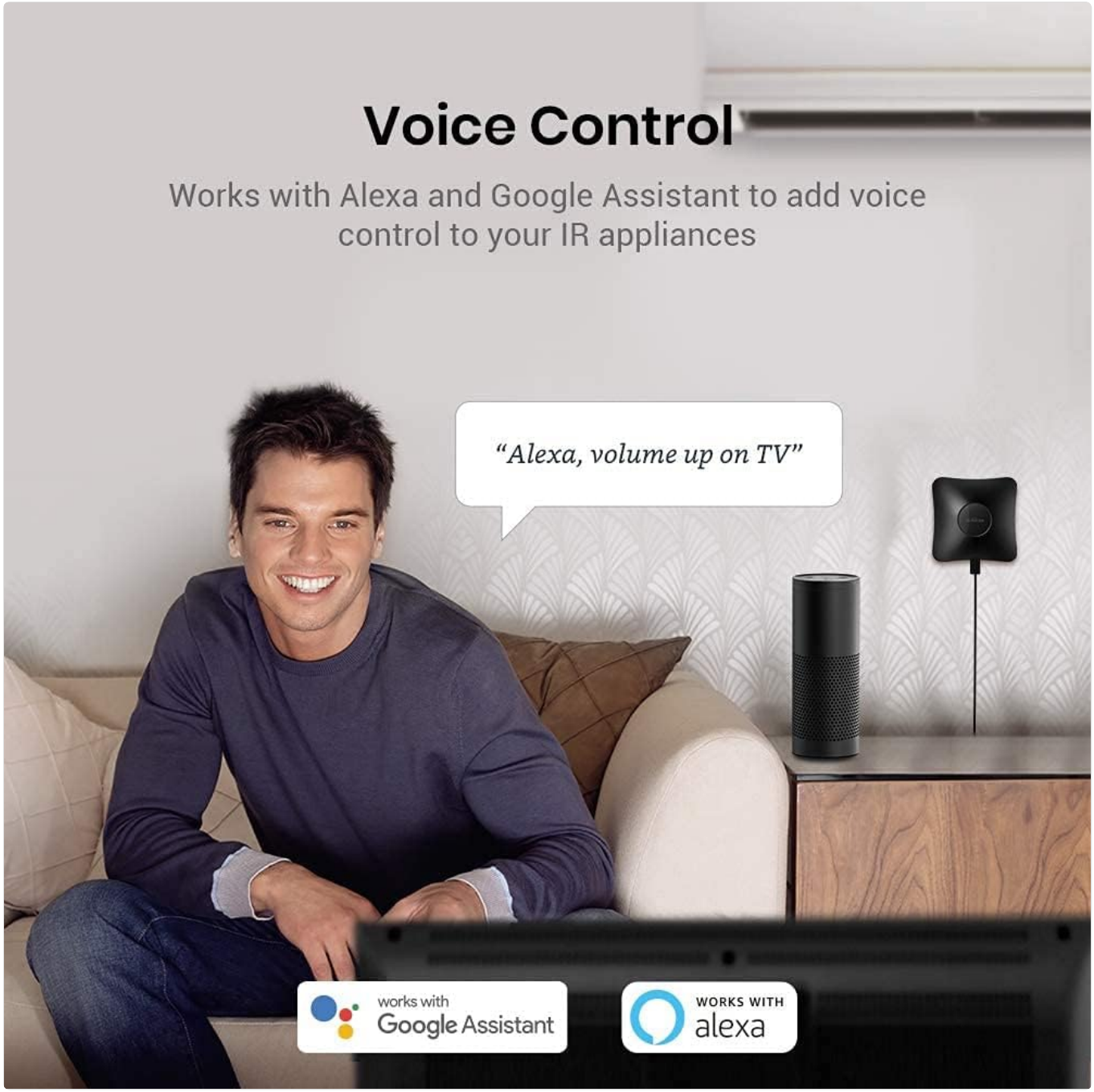


The BroadLink app allows you to easily add and manage various IR and RF appliances.

4. Voice Control and IFTTT Integration

Enhance your smart home experience by connecting your RM4 Pro with voice assistants and IFTTT.

- **Alexa/Google Home:** In the Alexa or Google Home app, enable the "BroadLink" skill/service. Link your BroadLink account and discover devices. You can then use voice commands to control your paired appliances.
- **IFTTT:** Connect your BroadLink account to IFTTT to create custom applets and automate actions based on various triggers (e.g., turn on TV to news when you arrive home).



Control your devices hands-free using Alexa or Google Assistant.

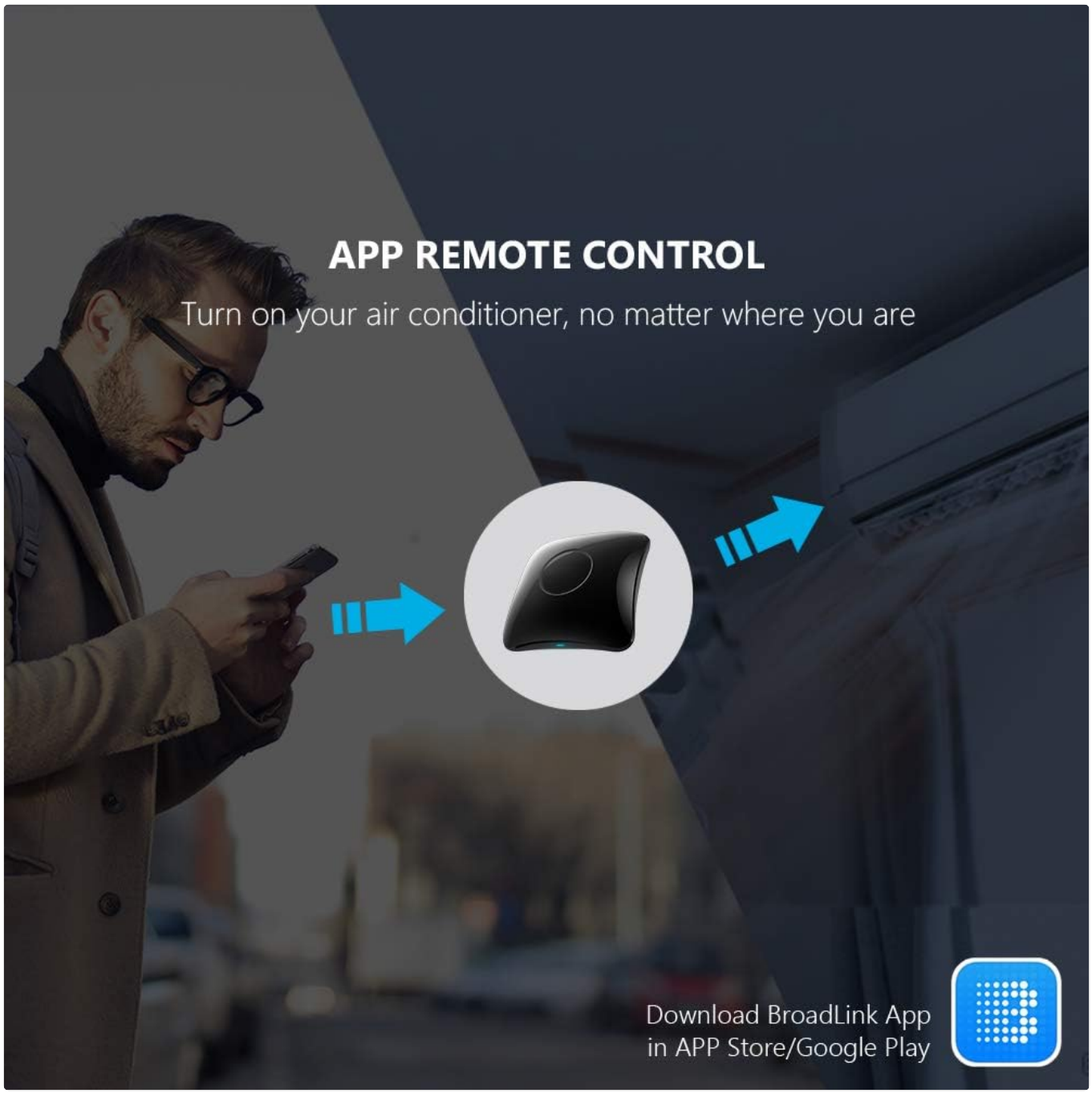
Operating Instructions

The BroadLink RM4 Pro offers versatile control options for your home appliances.

Remote Control via App

Use the BroadLink app on your smartphone to control all configured IR and RF devices from anywhere with an internet connection.

- Open the BroadLink app.
- Select the device you wish to control.
- Use the virtual remote interface to send commands (e.g., change channels, adjust volume, set AC temperature).



Control your appliances remotely using the BroadLink app.

Automation and Scenes

Create custom scenes and timers to automate your home routines.

- **Scenes:** Combine multiple actions into a single command. For example, a "Movie Night" scene could turn on the TV, dim the lights, and close the curtains.
- **Timers:** Schedule devices to turn on or off at specific times.
- **Routines:** Use the app's automation features or IFTTT to trigger actions based on conditions like time of day, temperature, or location.



Automate your daily routines with custom scenes and timers.

External Sensor Support

The RM4 Pro supports an external USB cable with temperature and humidity sensors (sold separately).

- Connect the sensor cable to the RM4 Pro.
- The BroadLink app will display real-time room temperature and humidity.
- This data can be used in automation routines (e.g., turn on AC if temperature exceeds a certain level).



Monitor room conditions with an optional external sensor.

Maintenance

To ensure the longevity and optimal performance of your BroadLink RM4 Pro, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the device regularly with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Placement:** Place the RM4 Pro in a central location within the room for optimal IR signal coverage. Ensure it has a clear line of sight to IR-controlled devices. For RF devices, line of sight is not strictly required, but avoid placing it inside metal enclosures.
- **Power Supply:** Always use a stable 5V 1A power adapter. Avoid using adapters with higher voltage or unstable power output.

- **Software Updates:** Keep the BroadLink app updated to the latest version to benefit from new features and bug fixes. The device firmware may also update automatically via the app.

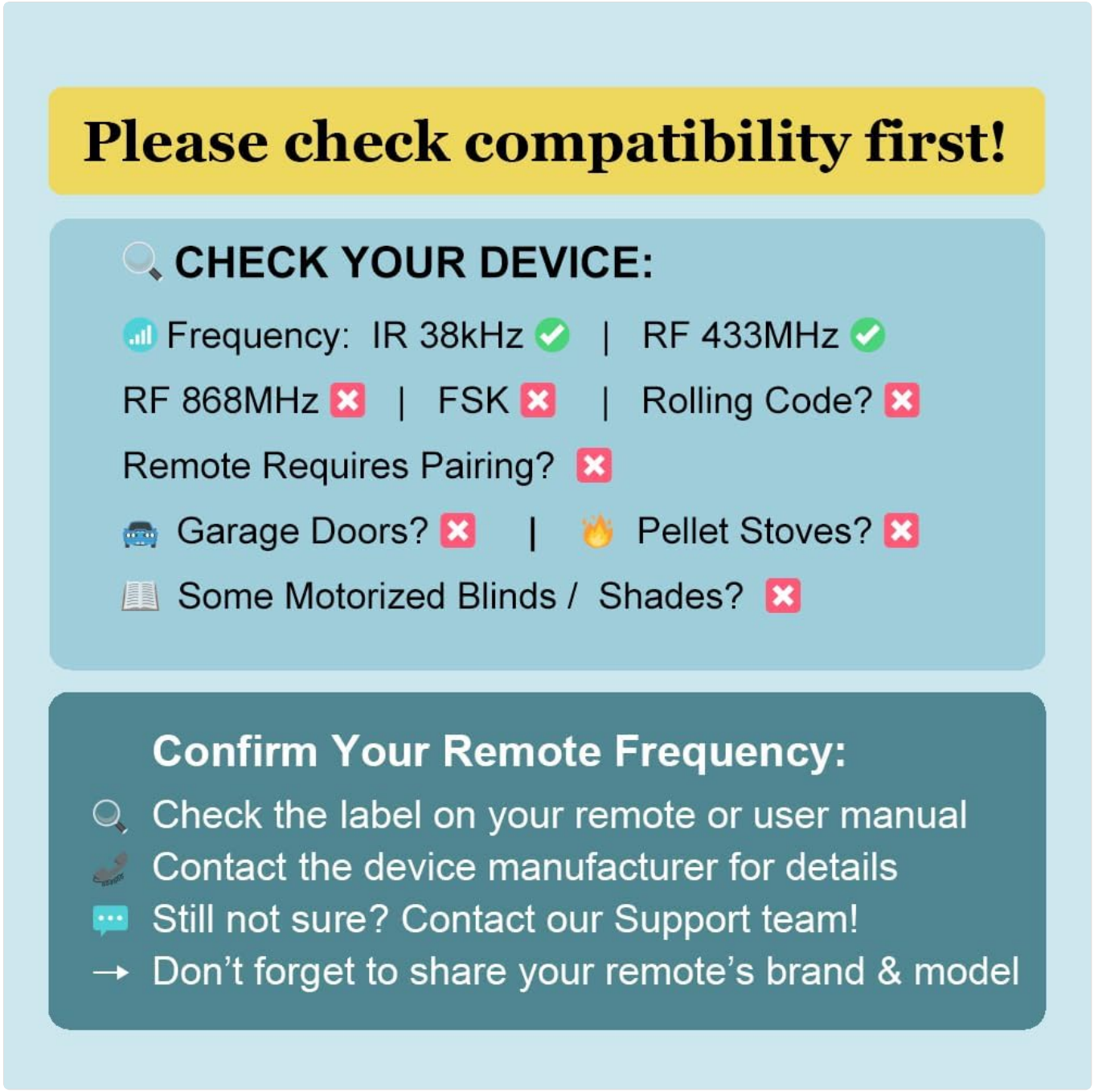
TROUBLESHOOTING

If you encounter issues with your BroadLink RM4 Pro, refer to the following common problems and solutions.

Common Issues & Solutions

- **Device not connecting to Wi-Fi:**
  - Ensure your Wi-Fi network is 2.4 GHz. The RM4 Pro does not support 5 GHz or mesh networks.
  - Check that your Wi-Fi password is correct and within 32 characters.
  - Move the RM4 Pro closer to your Wi-Fi router.
- **IR devices not responding:**
  - Verify that the RM4 Pro has a clear line of sight to the IR device. Obstructions like walls or furniture will block IR signals.
  - Ensure the RM4 Pro is within 8 meters of the IR device.
  - Re-learn the IR commands in the BroadLink app.
- **RF devices not responding:**
  - Confirm that your RF device uses a 433MHz fixed code. The RM4 Pro does **not** support RF Rolling Code (e.g., some garage doors, Somfy blinds).
  - Re-learn the RF commands in the BroadLink app.
  - If unsure about your RF device's compatibility, contact BroadLink support with the brand and model.
- **Voice control not working:**
  - Ensure the BroadLink skill/service is enabled and linked in your Alexa or Google Home app.
  - Discover devices again in the smart assistant app.
  - Check that the device names in BroadLink match those recognized by your voice assistant.
- **LED Indicator Status:**

Status	Indication
Flashes quickly (2-3 times / sec)	Device is in smart configuration mode (waiting to be added).
Flashes quickly and off alternatively	Device is in AP configuration mode (waiting to be added).
Flashes from quickly to slowly then off	Device is being configured and then added to network.
Flashes slowly (once / sec)	Device failed to connect network.
Flash once	IR / RF signal is sent.



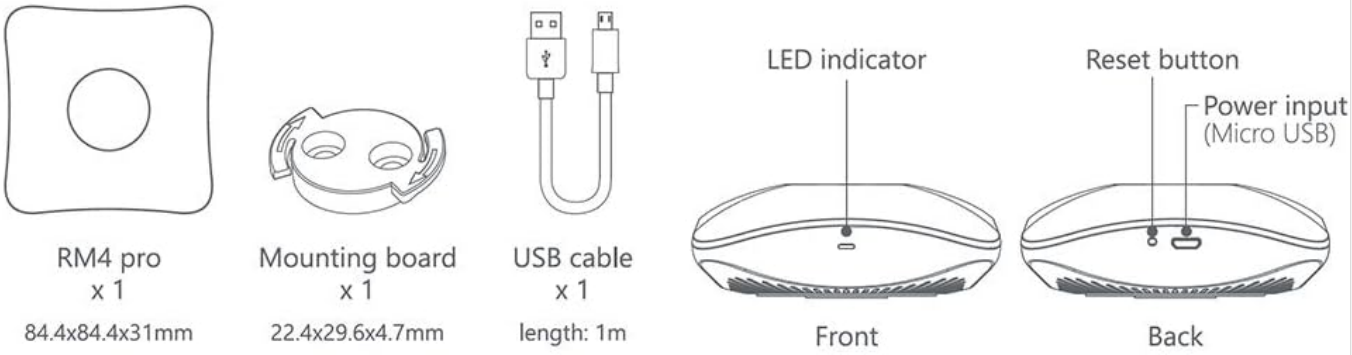
Always check device compatibility before attempting to add it to the RM4 Pro.

Reset Procedures

If troubleshooting steps do not resolve the issue, you may need to reset your device.

- **Reset for Smart Configuration:** Press and hold the reset button (using a needle) for 6 seconds until the LED flashes quickly. Do NOT hold longer than 10 seconds, otherwise it will go to AP configuration mode.
- **Reset for AP Configuration:** In any condition, press and hold the reset button (using a needle) for 10 seconds until the LED flashes quickly and off alternatively.

Overview



Indications

Status	Indication
Flashes quickly (2-3 times / sec)	Device is in smart configuration mode (waiting to be added).
Flashes quickly and off alternatively	Device is in AP configuration mode (waiting to be added)
Flashes from quickly to slowly then off	Device is being configured and then added to network.
Flashes slowly (once / sec)	Device is failed to connect network
Flash once	IR / RF signal is sent

Reset for Smart Configuration

- Press and hold the reset (on/off) button using a needle for 6s until the LED flashes quickly. DO NOT hold longer than 10s, otherwise it will go to AP configuration mode.

Reset for AP Configuration

- In any conditions, press and hold the reset (on/off) button using a needle for 10s until the LED flashes quickly and off alternatively.

Overview of RM4 Pro components and LED indicator meanings for troubleshooting.

SPECIFICATIONS

Feature	Detail
Model Number	RM4 PRO
Dimensions (L x W x H)	8.4 x 8.4 x 3.1 cm
Weight	150 g
Connectivity Technology	Infrared (IR), Wi-Fi
Wi-Fi Frequency	2.4 GHz (only, no 5 GHz or mesh)
IR Frequency	38 kHz
RF Frequency	433 MHz (fixed code only, no rolling code)
Maximum IR Range	8 Meters
Maximum RF Range	50m (line of sight), 10m (with wall)
Power Input	5V 1A (via Micro USB)

Feature	Detail
Compatible Devices	TV, STB, Air Conditioner, Fan, Motorized Curtains, Projectors, Switches
Voice Control Compatibility	Amazon Alexa, Google Home
Automation Compatibility	IFTTT
Special Features	Supports external temperature/humidity sensor (sold separately)
Country of Origin	China

Warranty and Support

Warranty Information

The BroadLink RM4 Pro comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

Technical Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact BroadLink customer support. You can typically find contact information within the BroadLink app under the 'Help Center' or 'Feedback' section, or by visiting the official BroadLink website.

- **Online Resources:** Visit the BroadLink official website for FAQs, updated manuals, and support articles.
- **In-App Support:** Use the 'Help Center' or 'Feedback' feature within the BroadLink app to submit inquiries directly.

© 2023 BroadLink. 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

Open the live page

https://manuals.plus/asin/B083LLLVPN

More documents and user manuals: **https://manuals.plus/**