

Broadlink RM4 Pro

BroadLink RM4 Pro IR/RF Universal Remote User Manual

Model: RM4 Pro | Brand: Broadlink

1. INTRODUCTION

The BroadLink RM4 Pro is a versatile IR/RF universal remote control designed to integrate and manage various smart home and entertainment devices. It supports both Infrared (IR) and Radio Frequency (RF 433MHz) controlled appliances, allowing you to consolidate control of your TV, set-top box, air conditioner, fans, curtain motors, and more through a single application on your smartphone or via voice commands.

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your BroadLink RM4 Pro to ensure optimal performance and a seamless smart home experience.

2. PRODUCT OVERVIEW



Figure 2.1: BroadLink RM4 Pro Device. This image shows the compact, black, oval-shaped BroadLink RM4 Pro universal remote with a subtle blue LED indicator on the front, designed to blend seamlessly into any home environment.

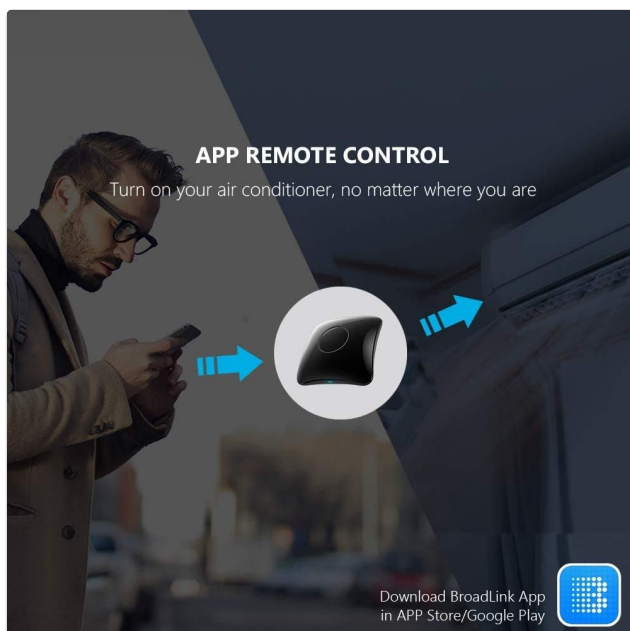


Figure 2.2: App Remote Control. A user is shown controlling an air conditioner remotely via the BroadLink app on their smartphone, illustrating the convenience of managing appliances from anywhere.



Figure 2.3: IR and RF Appliance Integration. This diagram highlights the BroadLink RM4 Pro's ability to integrate various IR (TV, STB, Air Conditioner, Audio Equipment, RF Fan, DVD Player) and RF (Electric Curtain, Electric Roller Blind, RF Light Switch, RF Light) appliances for full home automation.

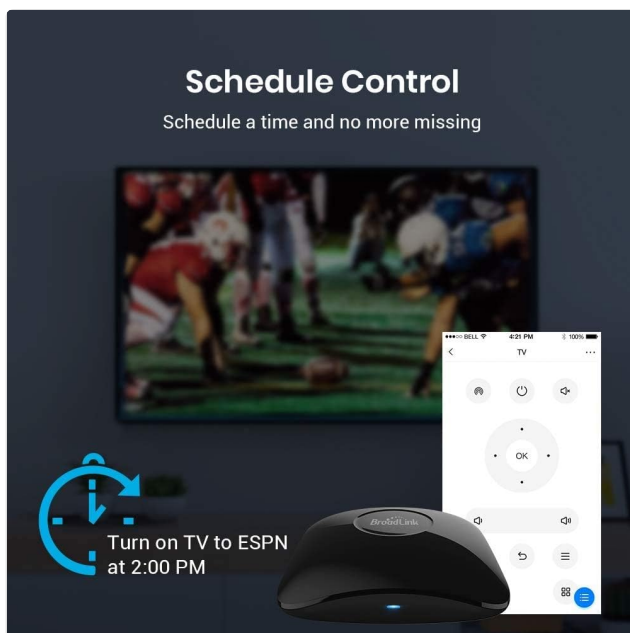


Figure 2.4: Schedule Control. The image depicts the scheduling capability of the RM4 Pro, allowing users to set specific times for actions, such as turning on a TV to a particular channel at 2:00 PM.

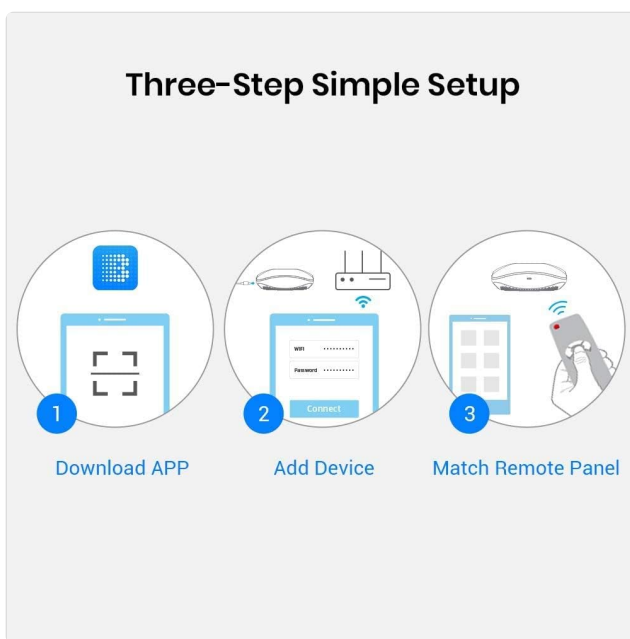


Figure 2.5: BroadLink RM4 Pro with USB Cable and Sensor.

This image provides a detailed view of the RM4 Pro unit, its micro USB power input, and the reset button. It also shows the included USB cable which can support an external temperature and humidity sensor (sold separately).

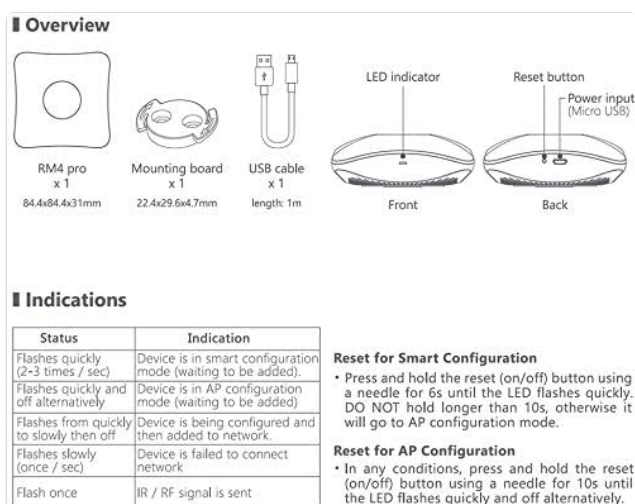


Figure 2.6: BroadLink RM4 Pro Overview. A diagram illustrating the components included with the RM4 Pro: the device itself, a mounting board, and a USB cable. It also details the LED indicator and reset button functions.

3. SETUP GUIDE

Follow these steps to set up your BroadLink RM4 Pro universal remote.

3.1. Powering the Device

Connect the provided USB cable to the micro USB port on the RM4 Pro. Plug the other end of the USB cable into a 5V 1A (or 5V 2A) USB power adapter (not included). The device will power on, and the LED indicator will begin to flash.

3.2. App Installation

Download the latest BroadLink App from the App Store (for iOS) or Google Play Store (for Android). Search for "BroadLink" or "BroadLink - Universal TV Remote".



Figure 3.1: BroadLink App. Screenshot of the BroadLink App download page in an app store.

3.3. Device Connection (Wi-Fi)

1. Open the BroadLink App and sign in or create a new account.
2. Tap "+" on the top right corner and choose "Add device". The app will start scanning for devices.
3. Choose your home Wi-Fi network (**2.4 GHz only**) and enter the password. The RM4 Pro does not support 5 GHz Wi-Fi networks. If you have a dual-band router, temporarily disable the 5 GHz band during setup if you encounter connection issues.
4. Tap "Connect to Wi-Fi". The LED indicator on the RM4 Pro will flash slower and then turn off once successfully connected.
5. Choose a room and name your device for easy identification.

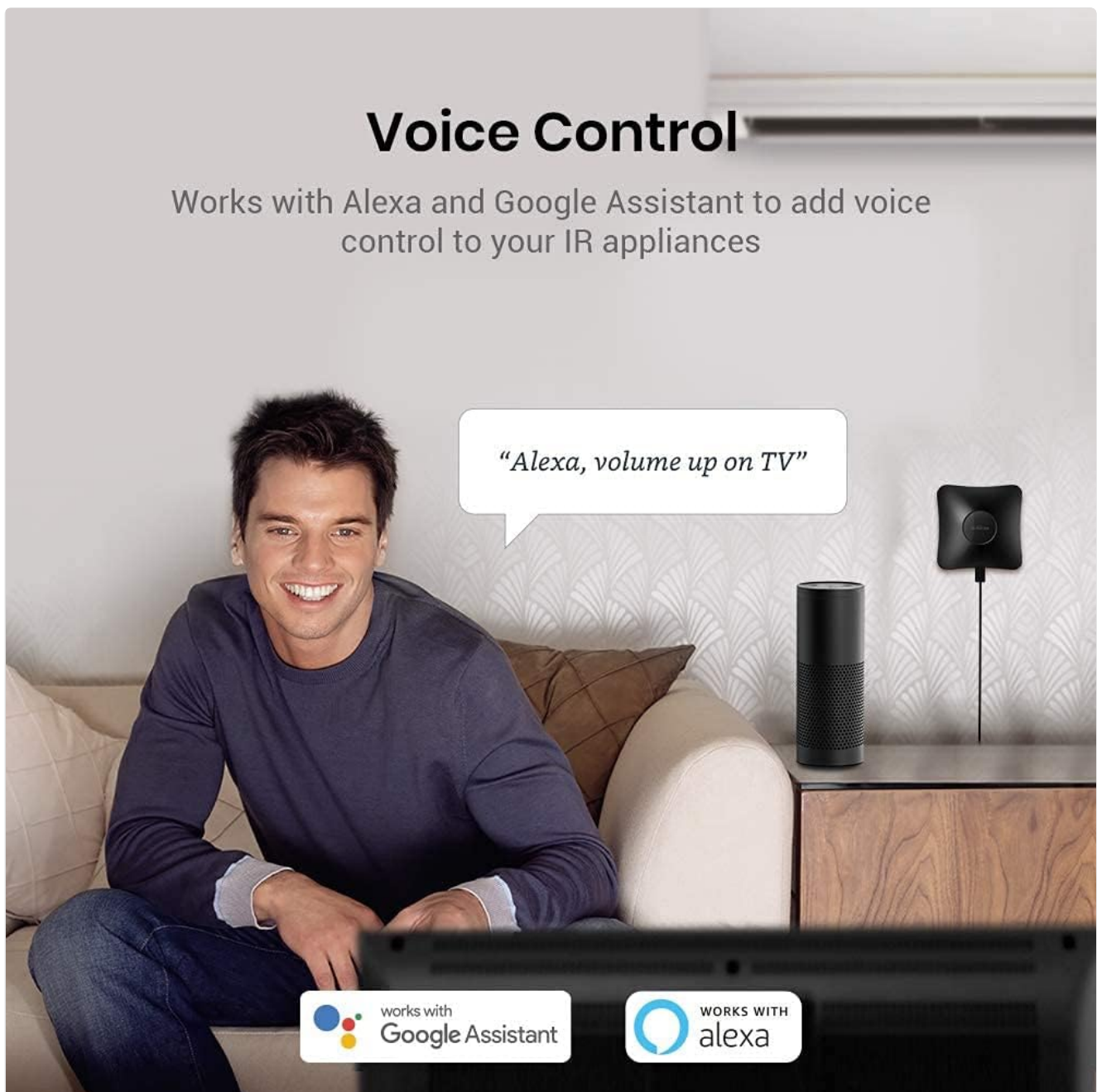


Figure 3.2: Wi-Fi Setup. This image shows the BroadLink app interface for connecting the device to a 2.4 GHz Wi-Fi network, emphasizing the need to select the correct frequency.


3.4. Adding IR/RF Appliances

After connecting the RM4 Pro to your Wi-Fi network, you can start adding your appliances.

1. In the app, tap "Add appliances".
2. Choose the type of appliance (e.g., TV, A/C, STB) and its brand. The app will attempt to find a matching code from its cloud library.
3. If your brand or model is not found, you can use the "Learn button" or "Continue match" options to manually teach the RM4 Pro commands from your original remote.
4. For IR code learning, aim your appliance remote control at the RM4 Pro. Wait for the device LED indicator to light up, then briefly press the remote button you want to learn.
5. For RF appliances, follow the specific instructions in the app for RF code learning, which may involve pressing buttons multiple times or for a longer duration.

Please check compatibility first!

CHECK YOUR DEVICE:

 Frequency: IR 38kHz  | RF 433MHz 
RF 868MHz  | FSK  | Rolling Code? 
Remote Requires Pairing? 
 Garage Doors?  |  Pellet Stoves? 
 Some Motorized Blinds / Shades? 

Confirm Your Remote Frequency:




-  Check the label on your remote or user manual
-  Contact the device manufacturer for details
-  Still not sure? Contact our Support team!
- Don't forget to share your remote's brand & model

Figure 3.3: Adding Appliances. The BroadLink app interface displaying various appliance categories (TV, STB, A/C, Fan, etc.) for adding and controlling via IR and RF signals.

4. OPERATING INSTRUCTIONS

Once your devices are set up, you can control them using the BroadLink App or voice commands.

4.1. App Control

The BroadLink App provides a virtual remote interface for each added appliance. You can power devices on/off, change channels, adjust volume, set temperatures, and perform other functions just as you would with their original remote controls. The app also allows for creating custom scenes and routines.

4.2. Voice Control (Alexa & Google Home)

The RM4 Pro is compatible with Amazon Alexa and Google Home for voice control. To enable this feature:

1. Open the Alexa or Google Home app.
2. Enable the "BroadLink" skill/service.
3. Link your BroadLink account with your Alexa/Google Home account.

4. Discover devices. Your configured appliances from the BroadLink App should now appear in your voice assistant app.

You can then use voice commands such as: "Alexa, turn on TV" or "Hey Google, set A/C to 24 degrees."

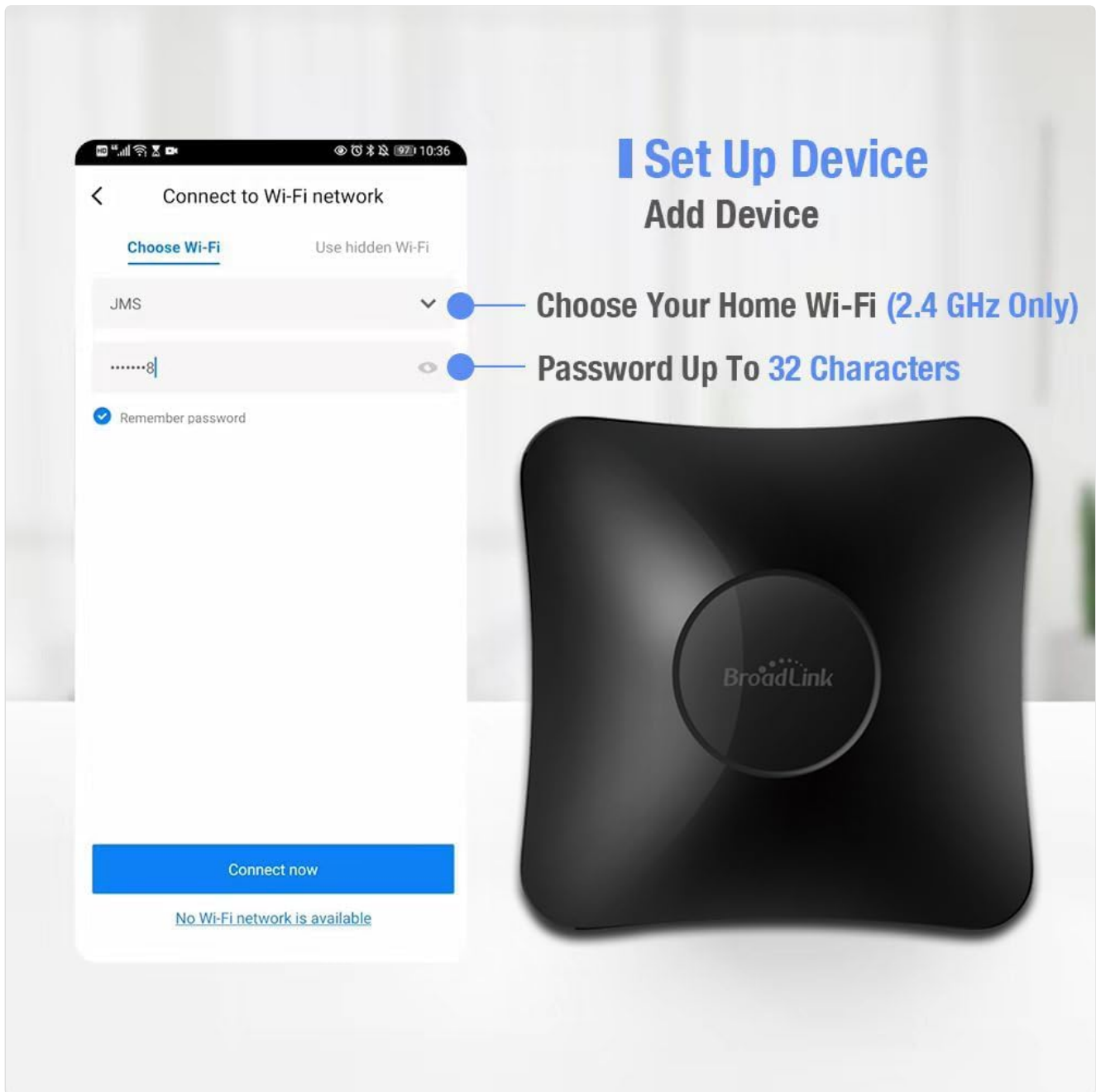


Figure 4.1: Voice Control. A user interacting with an Alexa device to control an IR appliance, demonstrating seamless voice integration with the BroadLink RM4 Pro.

4.3. Scheduling and Routines

Create schedules and routines within the BroadLink App or your voice assistant app to automate your devices. For example, you can set your air conditioner to turn on before you arrive home or schedule your curtains to open at sunrise.

4.4. Temperature and Humidity Monitoring

If you have purchased the external Temperature and Humidity Sensor USB Cable (sold separately), connect it to the RM4 Pro. The BroadLink App will then display real-time room temperature and humidity, allowing for more intelligent automation based on environmental conditions.

5. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to wipe the device. Avoid using liquid cleaners or aerosols, as they may damage the device.
- **Placement:** Place the RM4 Pro in a central location within the room where it can have a clear line of sight to IR-controlled devices. Avoid placing it behind obstacles or in direct sunlight.
- **Firmware Updates:** Regularly check for and install firmware updates through the BroadLink App. Updates often include performance improvements, bug fixes, and new features.
- **Power Supply:** Always use a stable 5V 1A/2A USB power adapter. Unstable power can affect device performance and lifespan.

6. TROUBLESHOOTING

If you encounter issues with your BroadLink RM4 Pro, refer to the following common troubleshooting steps:

- **Device Not Connecting to Wi-Fi:**
 - Ensure your Wi-Fi network is 2.4 GHz. The RM4 Pro does not support 5 GHz networks.
 - Verify your Wi-Fi password is correct.
 - Try temporarily disabling the 5 GHz band on your router during the setup process.
 - Move the RM4 Pro closer to your Wi-Fi router.
 - Perform a factory reset on the RM4 Pro (refer to Figure 2.6 for reset button location) and attempt setup again.
- **IR/RF Commands Not Working:**
 - Ensure the RM4 Pro has a clear line of sight to the IR-controlled appliance.
 - During the learning process, ensure the original remote is aimed directly at the RM4 Pro and pressed firmly.
 - Verify the frequency of your RF device (RM4 Pro supports 433MHz). Some older or specialized RF devices may use different frequencies (e.g., 308MHz, 868MHz) or rolling codes, which are not supported.
 - Re-learn the problematic commands if they are not consistently working.
- **Voice Control Issues:**
 - Confirm that the BroadLink skill/service is enabled and linked correctly in your Alexa/Google Home app.
 - Ensure your devices are discovered by the voice assistant.
 - Check your internet connection.

7. SPECIFICATIONS

Feature	Specification
Model Number	RM4 Pro
Product Dimensions	4.33 x 4.33 x 1.18 inches
Item Weight	5 ounces
Connectivity Technology	Infrared, Radio Frequency 433 MHz, Wi-Fi (2.4 GHz Only)
Max Number of Supported Devices	18
Compatible Devices	Television, STB, Air Conditioner, Fan, Video Recorder, DVD, Curtain Motor, Light Switch, etc.
Power Input	5V 1A/2A (USB Micro-B)

Manufacturer	Hangzhou BroadLink Technology Co., Ltd.
Date First Available	August 24, 2017







8. WARRANTY AND SUPPORT

BroadLink offers a **One-Year Warranty** for the RM4 Pro. For technical assistance, you can access 24/7 Technical Support. Video guides are available on the BroadLink Amazon Brand Store and YouTube channels.

You can also find the Global Hotline on the product manual (PDF) or get help and provide feedback directly through the BroadLink Community within the App.

For additional resources, please refer to the official user guide: [BroadLink RM4 Pro User Guide \(PDF\)](#)

Related Documents - RM4 Pro

	<p>BroadLink RM4 Pro Univerzálny Diaľkový Ovládač Návod na Použitie</p> <p>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.</p>
	<p>BroadLink RM4 Pro Universal Remote Quick Start Guide</p> <p>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.</p>
	<p>BroadLink RM4 Pro Universal Remote - User Guide and Specifications</p> <p>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.</p>
	<p>BroadLink RM4 TV mate Quick Setup Guide</p> <p>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.</p>
	<p>BroadLink Quick Start Guide: Setup and Configuration</p> <p>Comprehensive guide to setting up BroadLink smart devices, covering app installation, device connection, IR/RF programming, and integration with Google Assistant and Amazon Alexa.</p>
	<p>BroadLink Universal Remote Quick Setup Guide</p> <p>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.</p>

