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Broadlink RM4 pro

BroadLink RM4 pro Smart Remote and Sensor Cable Set Instruction Manual

Model: RM4 pro | Brand: Broadlink

Introduction

The BroadLink RM4 pro is a universal remote control hub designed to integrate and manage your infrared (IR) and radio frequency (RF) controlled devices. This device supports a wide range of home appliances, including TVs, air conditioners, fans, and RF-controlled devices like curtain motors and light switches. It also features an integrated HTS2 Sensor Accessory for real-time temperature and humidity monitoring, enhancing your smart home automation capabilities. The RM4 pro works with popular voice assistants like Alexa and Google Assistant, and supports IFTTT for advanced automation.



Image: BroadLink RM4 pro Smart Remote and Sensor Cable Set, showing the main unit and sensor cable.

Setup

Follow these steps to set up your BroadLink RM4 pro device and connect it to your home Wi-Fi network. Ensure your Wi-Fi is 2.4 GHz, as 5 GHz networks are not supported for initial setup.

1. Powering On and LED Indication

Connect the RM4 pro to a 5V 1A USB power adapter (not included) using the provided USB cable. Observe the LED indicator on the device:

- **Blue LED (Flashing Intermittently):** AP Setup mode. Flashes four times, then pauses for one second. This is the default mode for setup.
- **Blue LED (Flashing Quickly):** Smart Setup mode. Flashes five times per second.
- **Orange LED:** Indicates IR/RF signal learning or emitting.



Image: BroadLink RM4 pro showing its blue LED indicator, signifying network connection status.

2. Resetting the Device (If Needed)

If the LED is not flashing intermittently or quickly, or if you encounter issues during setup, you may need to reset the device. Press and hold the reset button located at the back of the device for approximately 5 seconds until the LED indicator changes to the desired setup mode.

3. App Installation and Initial Configuration

1. Download the BroadLink App from your device's app store (App Store for iOS, Google Play for Android).
2. Open the app and tap on 'Add device' or the '+' icon.
3. Accept the privacy terms and grant location permission when prompted.
4. Select 'Add A New Device' and then choose 'Universal Remote' from the list of device types.
5. Select 'RM4 pro' (or 'RM4 mini' if applicable, as shown in the video for demonstration) and tap 'Next'.
6. The app will guide you to connect your phone to the device's Wi-Fi network (e.g., 'BroadLink_WiFi_Device'). After connecting, return to the BroadLink App.
7. Input your home 2.4 GHz Wi-Fi network name and password (up to 32 characters). Tap 'Connect now'.
8. Wait for the setup process to complete. The device LED will flash slowly then turn off upon successful setup.
9. Once setup is successful, choose a room for the device and assign a name to it. This name will be used for voice control with Alexa or Google Home.



Image: Visual representation of the three-step setup process: Download App, Add Device, Match Remote Panel.

Your browser does not support the video tag.

Video: A detailed guide on setting up the BroadLink RM4 pro, including LED indications, app navigation, and Wi-Fi connection steps.

Operating Instructions

1. Universal IR & RF Control

The RM4 pro can control over 50,000 IR-controlled devices (TV, STB, Air conditioner, Fan, Video Recorder, DVD) and RF 433MHz fixed code devices (curtain/shade motors, projectors, light switches). It does not support RF Rolling Code control devices.

- **Manual Learning:** If a device is not in the cloud database, you can program the RM4 pro by manually learning signals from your original remote control.
- **One-Button Match:** For common devices, the app offers a quick matching function.



Image: BroadLink RM4 pro illustrating its capability to control both IR and RF appliances, with notes on supported frequencies and limitations.

2. Temperature and Humidity Monitoring

The included HTS2 Sensor Accessory integrates temperature and humidity monitoring. Connect this sensor cable between the RM4 pro and the USB adapter. The BroadLink app will display real-time temperature and humidity data of the room where the sensor is located.



Image: BroadLink RM4 pro connected to the HTS2 sensor cable, displaying temperature and humidity readings on the app.

3. Voice Control and IFTTT

The RM4 pro is compatible with Alexa, Google Assistant, and IFTTT. This allows for hands-free control and advanced automation:

- **Voice Commands:** Use simple voice commands to turn devices on/off, change TV channels, or adjust AC temperature.
- **IFTTT Integration:** Create custom automation routines. For example, set triggers to automatically turn on your air conditioner when the temperature rises, or turn on a humidifier if humidity is low.

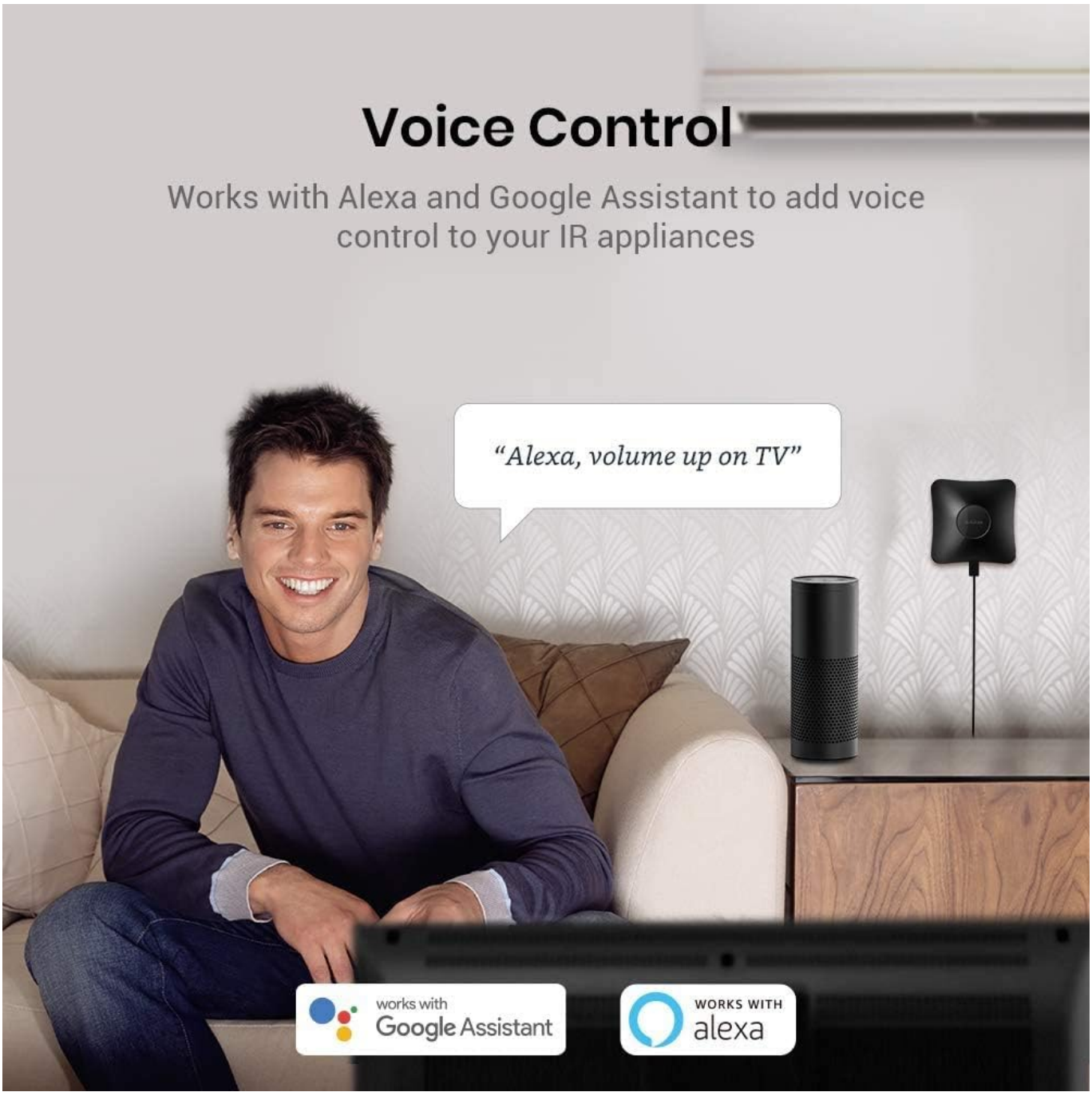


Image: A user interacting with a voice assistant to control a device via the BroadLink RM4 pro.

4. Scene and Routine Automation

Utilize the BroadLink app to create various timers, scenes, and routines for automated control of your appliances:

- **Scheduled Control:** Schedule specific times for devices to turn on or off, such as turning on your TV to a favorite channel at a set time.
- **Scene Creation:** Combine multiple actions into a single command or schedule, e.g., a 'Good Morning' scene that opens curtains and turns on the coffee maker.



Image: BroadLink RM4 pro demonstrating scheduled control, such as turning on a TV at a specific time.

5. Device Sharing

The app allows you to share control of the RM4 pro and connected devices with family members through an invite and join function.

Maintenance

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Ensure proper ventilation around the device to prevent overheating.
- Regularly check for app updates to ensure optimal performance and access to new features.

Troubleshooting

1. Wi-Fi Connection Issues

- **2.4 GHz Wi-Fi Only:** The RM4 pro only supports 2.4 GHz Wi-Fi. Ensure your router is configured to broadcast a 2.4 GHz network, and your phone is connected to it during setup. It does not work with 5 GHz Wi-Fi or mesh routers that do not allow band separation.
- **Router Settings:** Some routers with 'Smart Connect' or similar features may automatically switch devices between 2.4 GHz and 5 GHz. Temporarily disable 5 GHz or create a separate SSID for 2.4 GHz during setup if you face issues.
- **Network Name/Password:** Avoid special characters in your Wi-Fi network name (SSID) or password, as this can sometimes cause connectivity problems.
- **Signal Strength:** Ensure the RM4 pro is placed within good range of your Wi-Fi router.
- **Reset Device:** If connection fails, try resetting the device as described in the Setup section.

2. Device Control Issues (IR/RF)

- **Line of Sight (IR):** For IR-controlled devices, ensure there is a clear line of sight between the RM4 pro and the appliance.
- **RF Rolling Code:** The RM4 pro does not support RF Rolling Code control. Verify your RF device uses a fixed code (e.g., 433MHz fixed code). If your original remote needs to be paired for first use, it is likely a rolling code.
- **Learning Process:** If manual learning fails, ensure you are holding the original remote close enough to the RM4 pro and pressing the buttons correctly during the learning process.

3. Voice Control Not Working

- **Account Linking:** Ensure your BroadLink account is correctly linked to your Alexa or Google Assistant app.
- **Device Naming:** Use simple, clear names for your devices in the BroadLink app for better voice recognition.
- **Skill/Service Enabled:** Verify that the 'BroadLink' skill/service is enabled in your voice assistant app.

Specifications

Feature	Detail
Model Number	RM4 pro
Brand	Broadlink
Connectivity	2.4 GHz Wi-Fi Only
IR Control	Supports 50,000+ IR controlled devices
RF Control	Supports RF 433MHz fixed code devices (Does not support RF Rolling Code)
Sensor Accessory	HTS2 Sensor Cable for Temperature & Humidity monitoring
Voice Control Compatibility	Alexa, Google Assistant, IFTTT
Power Input	5V 1A USB adapter (not included)
Dimensions	4.45 x 3.58 x 1.38 inches (approx. 9cm x 9cm)
Item Weight	5.3 ounces (0.15 Kilograms)
Material	Plastic

Color	Black
UPC	692482670521

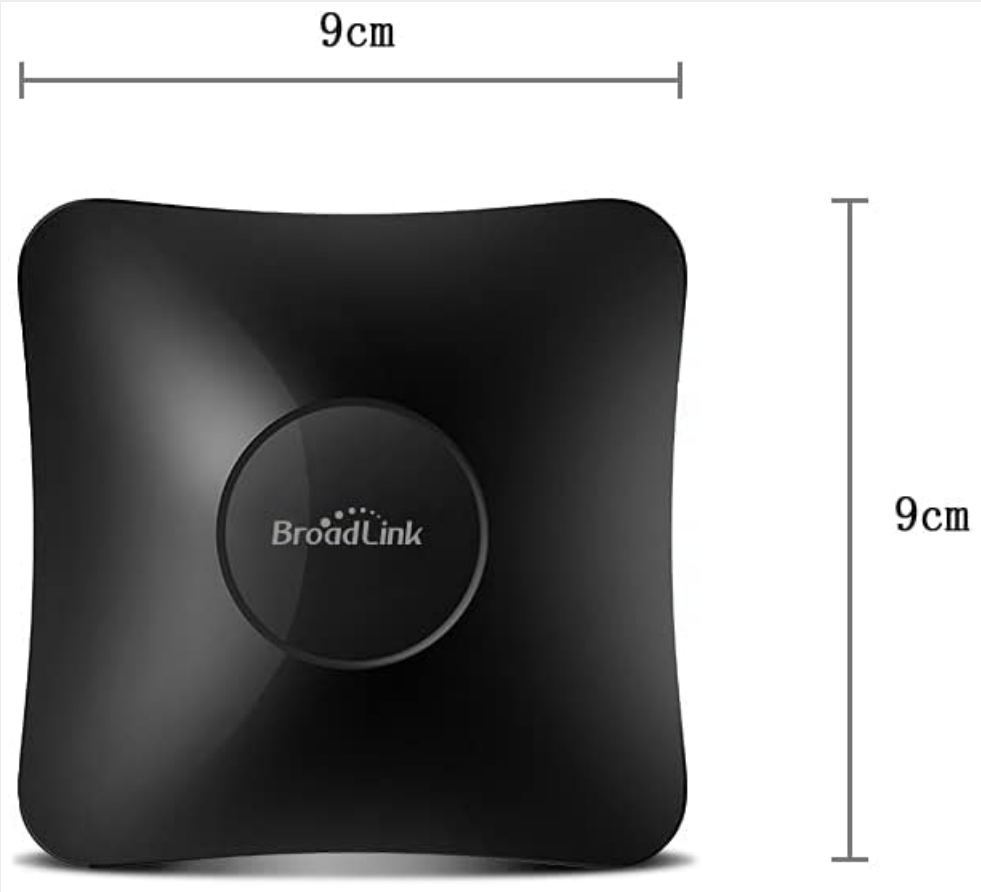


Image: BroadLink RM4 pro showing its approximate dimensions of 9cm by 9cm.

Warranty and Support

BroadLink offers a one-year warranty for the RM4 pro. For technical assistance, 24/7 message support is available. You can find additional video guides on the BroadLink Amazon Brand Store page and YouTube. The BroadLink App also features a 'Help center' section (accessible via 'Me' -> 'Help center') for further assistance with app configuration and device usage.

- **Warranty:** One-year.
- **Support:** 24/7 message support.
- **Resources:** Video guides on Amazon Brand Store and YouTube. In-app 'Help center'.

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