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Broadlink RM Mini3

Broadlink RM Mini3 Smart Home Hub Universal IR Remote Control User Manual

Model: RM Mini3 | Brand: Broadlink

1. Introduction

The Broadlink RM Mini3 is a compact and intelligent universal infrared (IR) remote control hub designed to transform traditional IR-controlled appliances into smart devices. It allows you to control your home entertainment systems and other IR devices using your smartphone via the Broadlink app, from anywhere at any time. This device supports 38KHz IR signals and operates on a 2.4 GHz Wi-Fi network.
With the RM Mini3, you can integrate all your IR-controlled devices into a single mobile application, create custom activities, and set up smart triggers for a more convenient smart home experience. It is compatible with popular voice assistants like Alexa and Google Assistant for hands-free control.

2. Package Contents

- Broadlink RM Mini3 Smart Home Hub
- USB Cable (Power adapter not included; a 5V 1A adapter is required)
- User Manual (this document)

3. Setup Guide

3.1 Initial Setup

1. **Power On:** Connect the RM Mini3 to a 5V 1A USB power adapter (not included) using the provided USB cable. The device will power on, and the indicator light will start blinking.
2. **Placement:** Place the RM Mini3 in a central location within the room where you intend to control IR devices. Ensure there are no obstacles between the RM Mini3 and the appliances it will control, as IR signals require a direct line of sight. The device offers 360-degree IR coverage within a single room.

3.2 App Download and Device Pairing

To control your RM Mini3, you need to download the official Broadlink app on your smartphone (Android or iOS).

1. **Step 1: Download the Broadlink App**
   Download the "BroadLink" app from the App Store (iOS) or Google Play Store (Android).

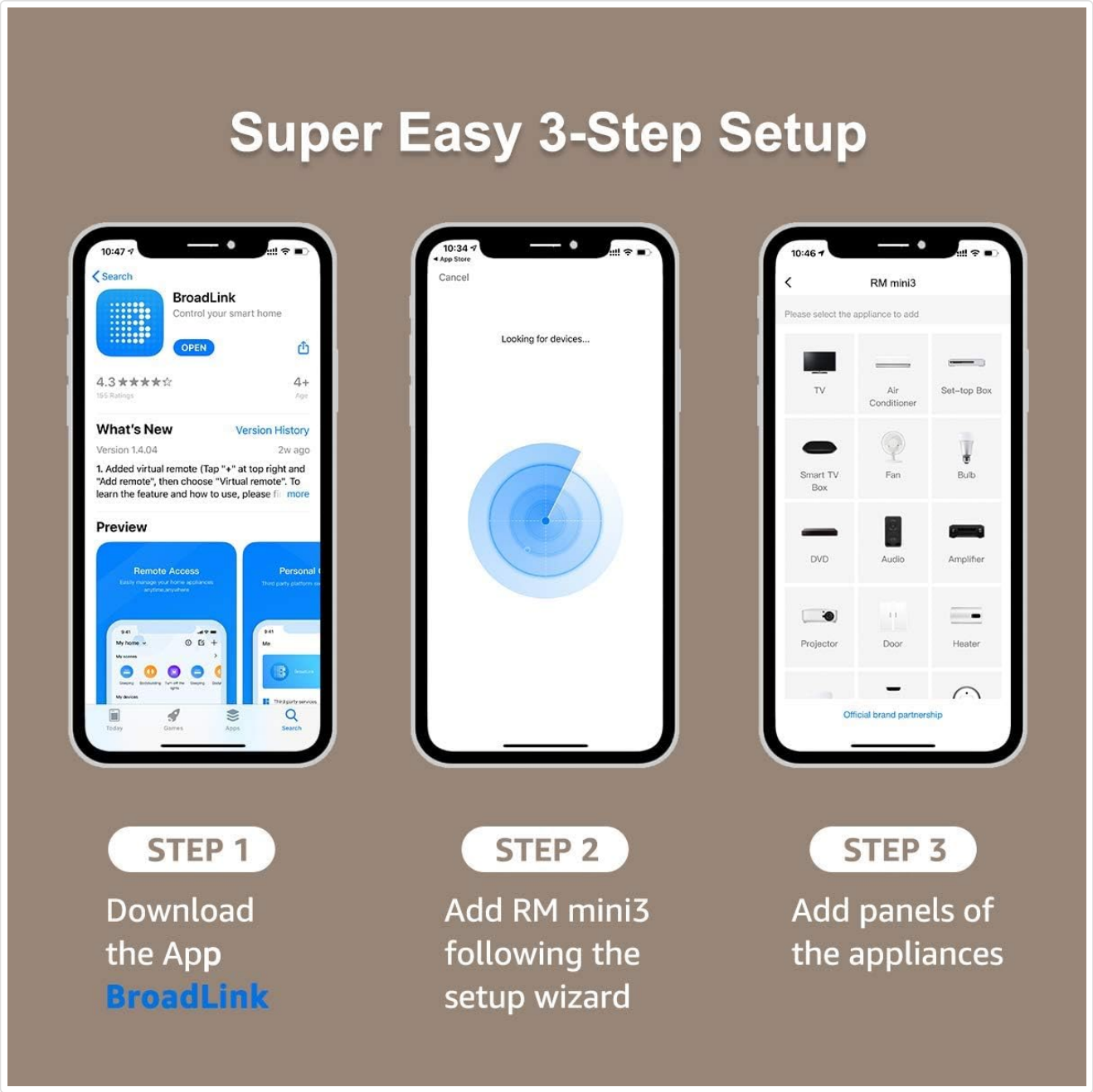


Image: Screenshot showing the Broadlink app download and the first step of the setup process.

2. **Step 2: Add RM Mini3 to the App**
   Open the Broadlink app and follow the on-screen wizard to add your RM Mini3 device.

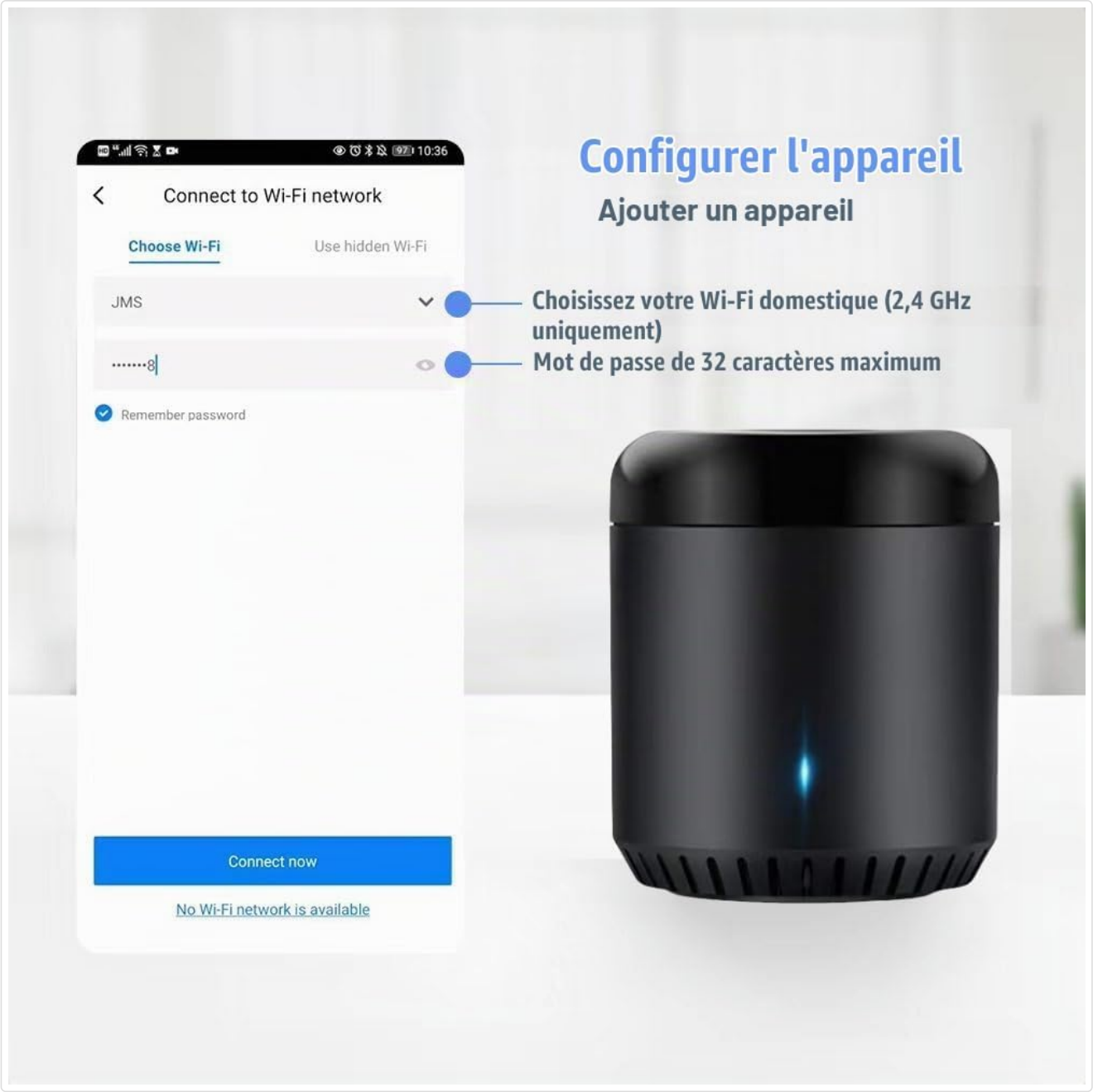


Image: Screenshot illustrating the Wi-Fi connection process within the Broadlink app, showing the RM Mini3 device.

- Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network. The RM Mini3 does not support 5 GHz Wi-Fi.
- The Wi-Fi network name (SSID) and password should not contain non-ASCII characters and should be no longer than 32 characters.
- If using a mesh Wi-Fi system, it may be necessary to temporarily disable other access points during initial setup to ensure the device connects to the main 2.4 GHz network.

3. **Step 3: Add Appliance Panels**
   Once the RM Mini3 is connected, you can add control panels for your IR appliances (TV, air conditioner, set-top box, etc.) within the app. The app provides a database of common appliances, or you can manually learn IR codes from your existing remote controls.



Image: Diagram illustrating how to manually learn IR codes from an existing remote control using the Broadlink app and RM Mini3.

4. Operating Instructions

4.1 Remote Control via App

After successfully adding your appliances, you can control them directly from the Broadlink app. The app provides a virtual remote interface for each configured device.



Image: A man using his smartphone to remotely control an air conditioner, demonstrating the RM Mini3's functionality.

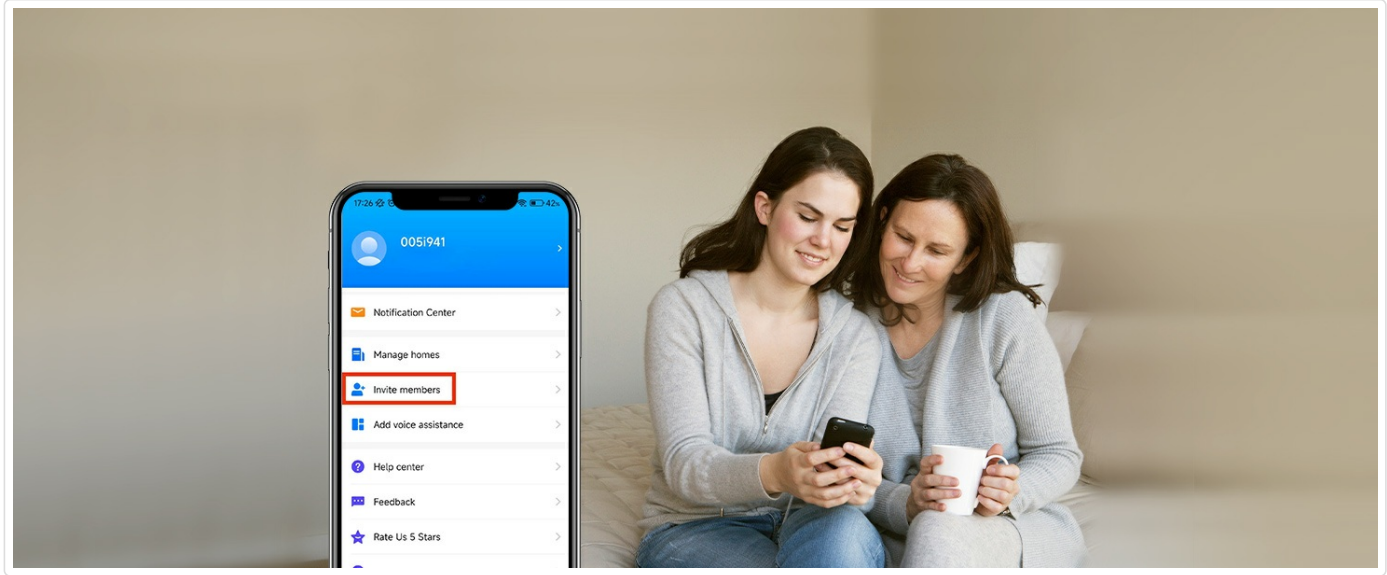


Image: A woman using her smartphone to control a television, showcasing the convenience of the RM Mini3.

4.2 Voice Control Integration

The RM Mini3 is compatible with Amazon Alexa and Google Assistant. To enable voice control:

1. Link your Broadlink account to your Alexa or Google Home app.
2. Discover devices within the voice assistant app.
3. You can then use voice commands such as "Alexa, turn on the TV" or "Hey Google, change channel to 15 on TV."

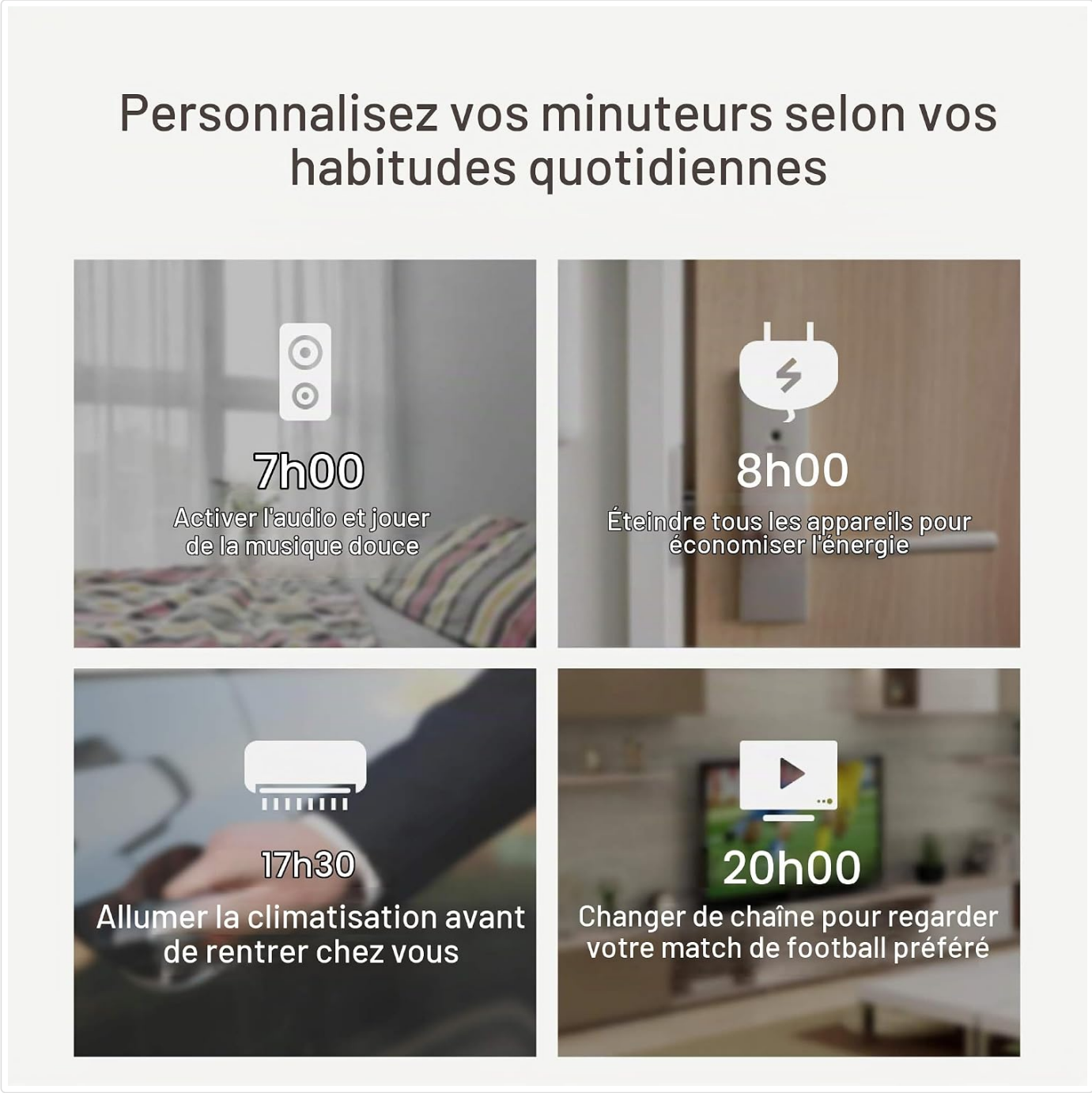


Image: A child interacting with a voice assistant to control a television, demonstrating the ease of voice control with the RM Mini3.



Image: The Broadlink RM Mini3 device shown with logos indicating compatibility with Alexa, Google Home, and IFTTT.

4.3 Scheduling and Scenes

The Broadlink app allows you to create custom schedules and scenes to automate your devices.

- **Timers:** Set specific times for appliances to turn on or off. For example, turn on the air conditioning before you arrive home.
- **Scenes:** Combine multiple actions into a single command. For instance, a "Good Morning" scene could turn on the TV and adjust the air conditioner.
- **IFTTT Integration:** Use IFTTT (If This Then That) to create advanced automations based on various triggers (e.g., location, weather).

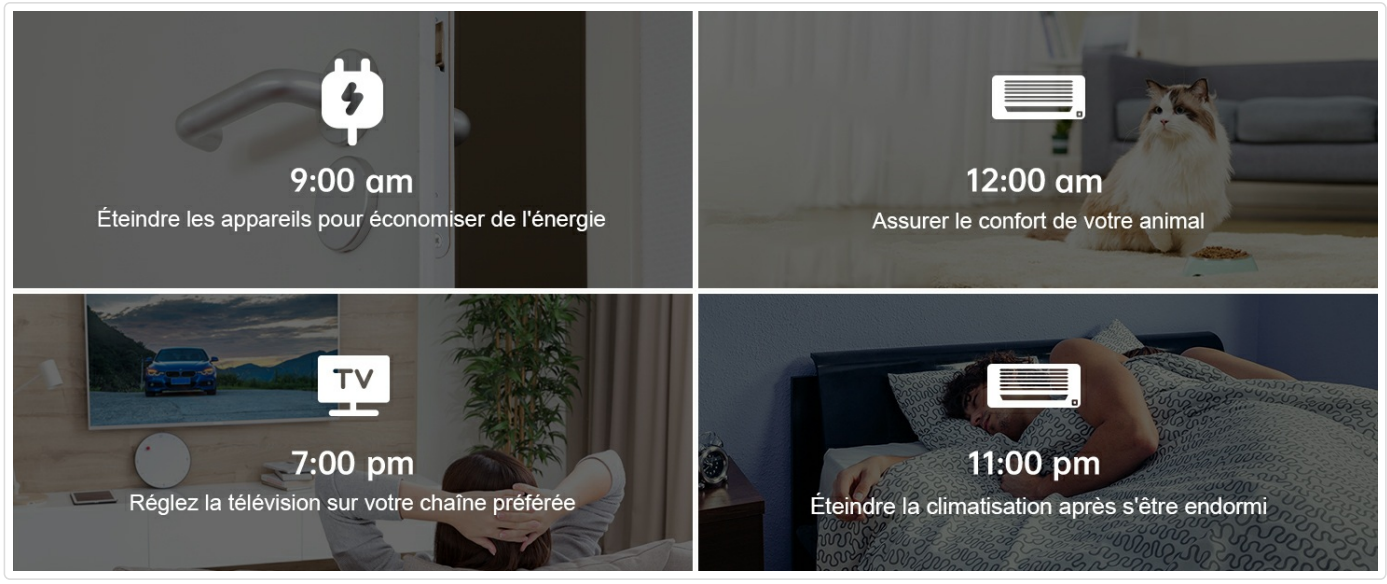


Image: Visual representation of various daily routines and timers that can be customized within the Broadlink app.

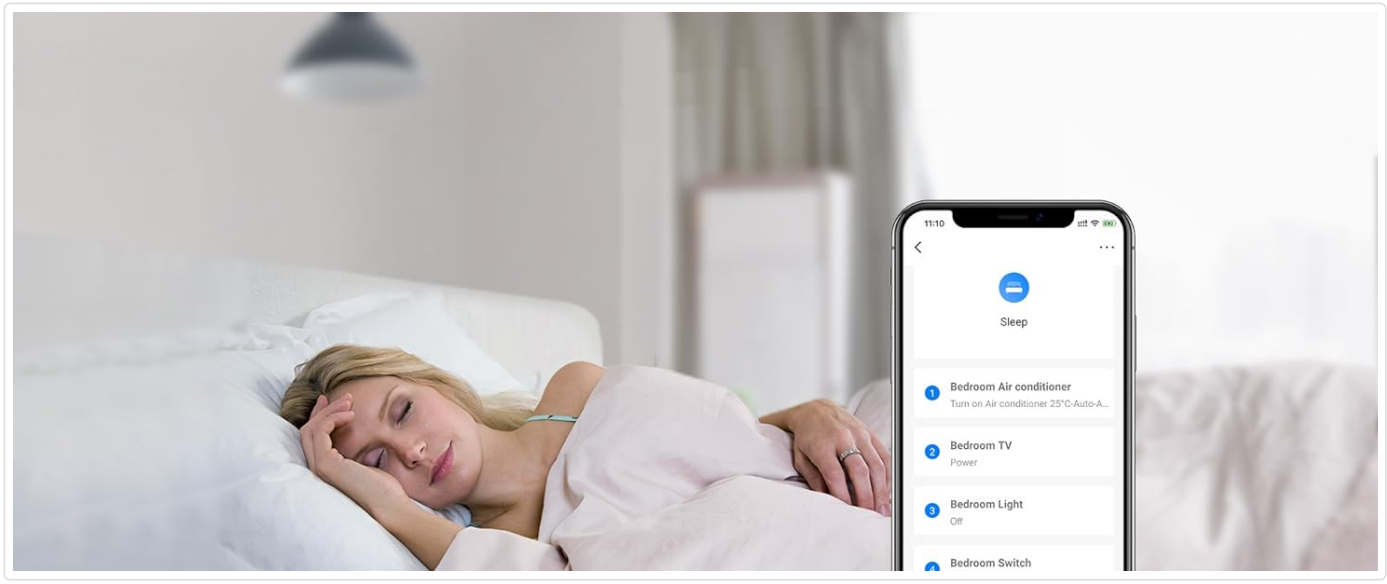


Image: A man demonstrating how to set a random timer for lights to simulate presence at home, enhancing security.

5. Maintenance

The Broadlink RM Mini3 requires minimal maintenance.

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Environment:** Keep the device in a dry environment, away from direct sunlight and extreme temperatures.
- **Firmware Updates:** Periodically check the Broadlink app for available firmware updates to ensure optimal performance and access to new features.

6. Troubleshooting

- **Device not connecting to Wi-Fi:**
  - Ensure your Wi-Fi network is 2.4 GHz. The RM Mini3 does not support 5 GHz networks.
  - Verify that your Wi-Fi password and network name (SSID) do not contain special characters (non-ASCII) and are not longer than 32 characters.
  - If using a mesh Wi-Fi system, try disabling other mesh nodes temporarily during the initial setup to ensure the RM Mini3 connects to the primary 2.4 GHz signal.

- Restart your Wi-Fi router and the RM Mini3 device.

- **IR commands not working:**
  - Ensure there is a clear line of sight between the RM Mini3 and the appliance you are trying to control. Obstacles can block IR signals.
  - Verify that the correct IR codes have been learned or selected for the appliance in the Broadlink app. Try re-learning the codes if necessary.
  - Confirm the appliance is an IR-controlled device (38KHz). The RM Mini3 is not compatible with RF or Bluetooth devices.
- **Voice control not responding:**
  - Check if your Broadlink account is correctly linked to your Alexa or Google Home app.
  - Ensure the devices are discovered and named appropriately in your voice assistant app.
  - Verify your internet connection is stable.
- **Device indicator light behavior:**
  - **Rapid blinking:** Device is in pairing mode.
  - **Solid blue:** Device is connected to Wi-Fi and operating normally.
  - **No light:** Check power connection.

7. Specifications

Feature	Detail
Brand	Broadlink
Model Name	RM MINI 3
Connectivity Technology	Infrared (38KHz), Wi-Fi (2.4 GHz)
Compatible Devices	Android, iOS
Max Supported Devices	1 (as a hub for multiple IR devices)
Max Range	8 Meters
Dimensions (L x W x H)	6.6L x 6.6W x 9.4H centimeters
Power Requirement	5V 1A USB adapter (not included)
Color	Grey
UPC	700401331894
ASIN	B07DPHG521

8. Warranty and Support

Warranty: The Broadlink RM Mini3 comes with a 2-year warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use conditions.
Support: For technical assistance, troubleshooting, or warranty claims, please contact Broadlink customer support through their official website or the Broadlink app. You can also refer to the "Help Center" section within the app for FAQs and guides.



Image: Broadlink customer support contact details or app help section.

9. Important Notes

- The RM Mini3 is an IR (infrared) blaster and does not support RF (radio frequency) or Bluetooth devices.
- IR signals require a direct line of sight. Ensure no physical obstructions are between the RM Mini3 and the appliances it controls.
- Only 2.4 GHz Wi-Fi networks are supported.

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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