

Broadlink RM Mini 3



Broadlink WiFi Smart Home Hub RM Mini 3

USER MANUAL

Introduction

The Broadlink RM Mini 3 is a compact and intelligent universal infrared (IR) remote control designed to integrate your traditional IR-controlled home appliances into a smart home ecosystem. It allows you to control devices such as TVs, set-top boxes, air conditioners, and more, using your smartphone or voice commands through compatible smart assistants.



The Broadlink RM Mini 3 smart hub shown alongside a smartphone displaying the Broadlink app interface for controlling various home appliances.

Safety Information

- Ensure the device is placed in a dry environment, away from water or excessive humidity.
- Do not expose the device to direct sunlight or extreme temperatures.
- Use only the specified 5V 1A power adapter (not included) to power the RM Mini 3.
- Keep the device out of reach of children.
- Avoid placing obstacles between the RM Mini 3 and the appliances it controls, as IR signals require a clear line of sight.

Package Contents

- Broadlink RM Mini 3 Smart Home Hub
- USB Cable

Product Overview

The Broadlink RM Mini 3 is designed for ease of use and discreet placement. Its compact size allows it to blend into any home environment.



Detailed view of the RM Mini 3, highlighting its dimensions (Height 2.56", Length 2.17"), LED Indicator, Reset Button, and Micro USB Power Input.

Key Features:

- **LED Indicator:** Displays the device's status (e.g., pairing mode, connected).
- **Reset Button:** Used for factory reset or entering pairing mode.
- **Micro USB Power Input:** Connects to a 5V 1A power adapter.
- **360° Full Range Coverage:** Ensures wide IR signal distribution within a room (approx. 8m line-of-sight).
- **IR Signal Transmission:** The device sends IR signals to control appliances. It does not receive feedback from appliances.

360°

Full Range Coverage

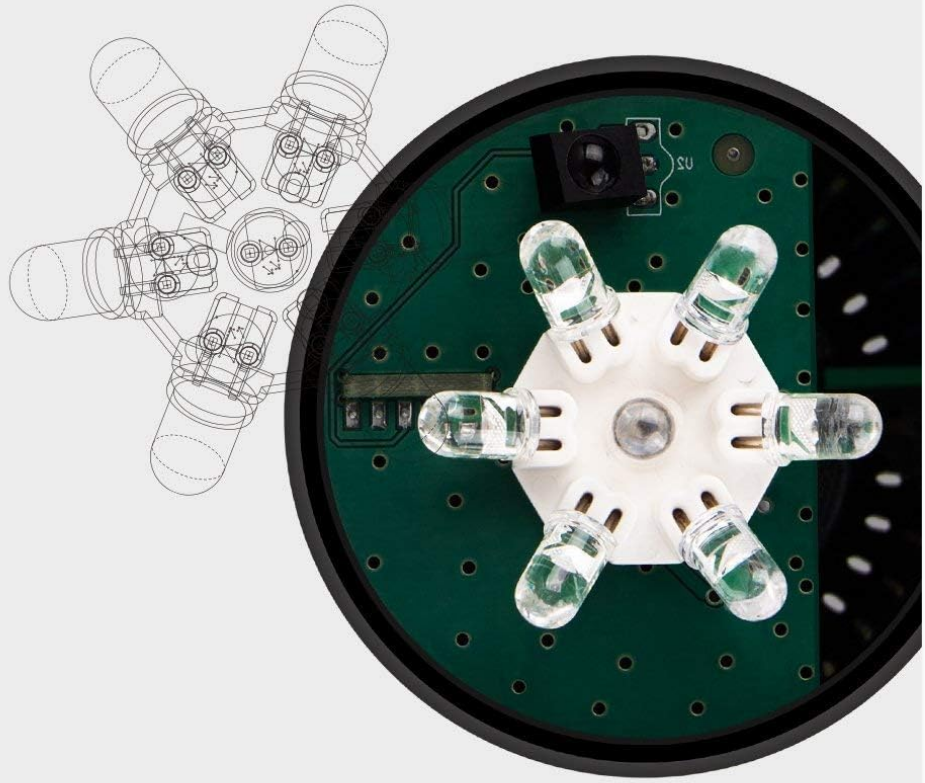


Illustration of the RM Mini 3's 360-degree full range infrared coverage, showing its ability to control devices in all directions.

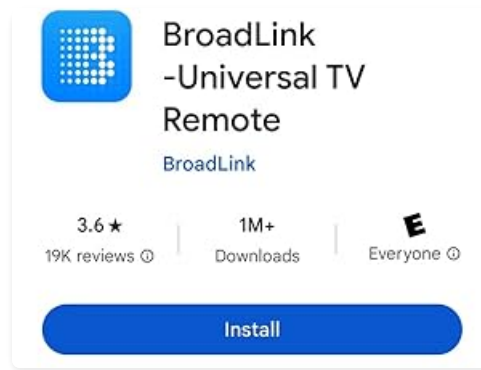
Setup

1. Powering On

1. Connect the provided USB cable to the Micro USB port on the RM Mini 3.
2. Plug the other end of the USB cable into a 5V 1A USB power adapter (not included) and then into a power outlet.
3. The LED indicator on the device will begin to flash, indicating it is powered on and ready for setup.

2. App Installation

1. Download the latest **BroadLink App** from the Apple App Store or Google Play Store. Search for "BroadLink".
2. Install the app on your smartphone or tablet.
3. Register for a new account or log in if you already have one.

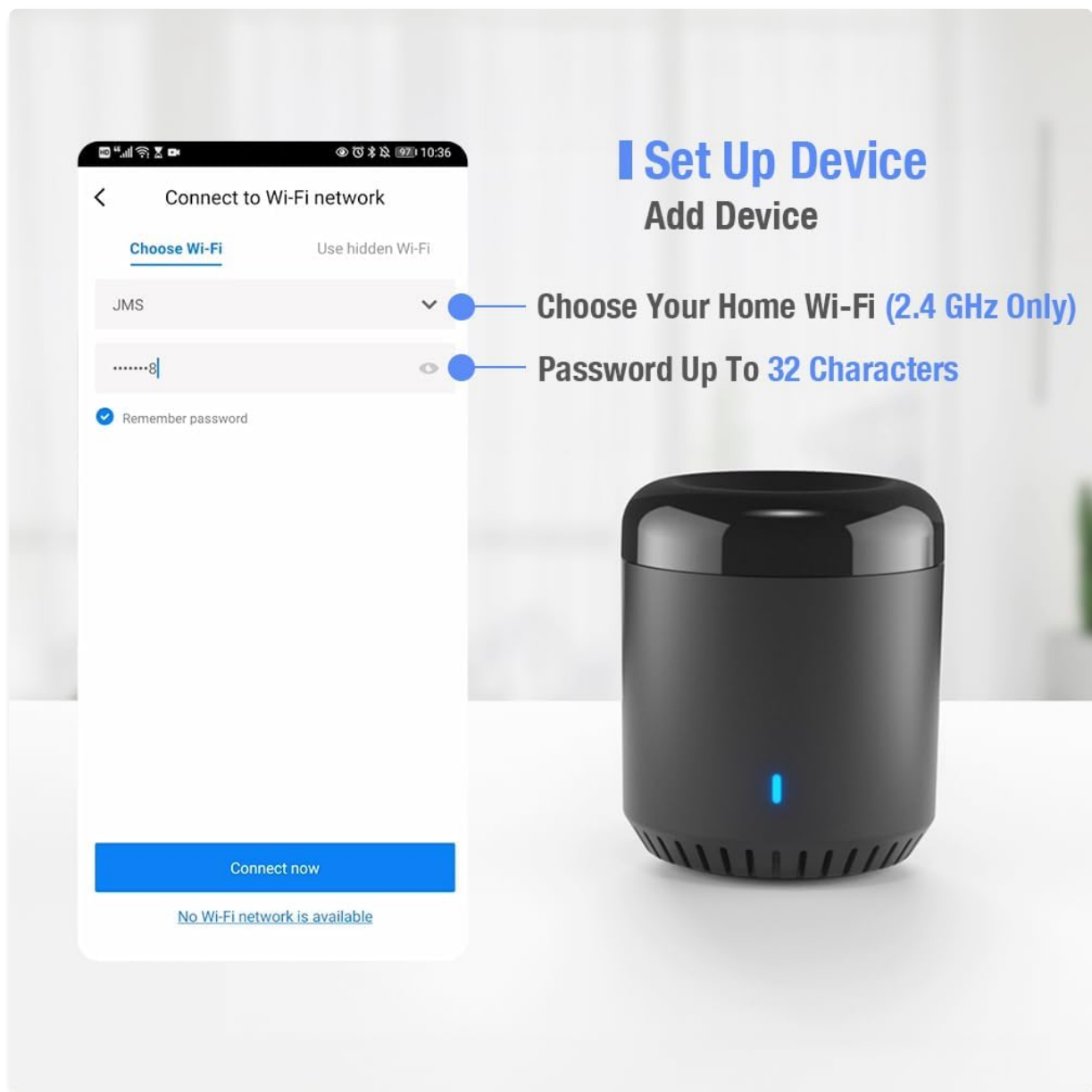


Screenshot showing the BroadLink app icon, which is required for device setup and control.

3. Connecting to Wi-Fi

The RM Mini 3 supports **2.4 GHz Wi-Fi networks only**. It is not compatible with 5 GHz Wi-Fi or mesh router systems.

1. Open the BroadLink App and tap 'Add Device'.
2. Follow the on-screen instructions to connect the RM Mini 3 to your home Wi-Fi network.
3. You will need to select your 2.4 GHz Wi-Fi network and enter its password (up to 32 characters).
4. Ensure your smartphone is also connected to the same 2.4 GHz Wi-Fi network during the setup process.



A smartphone screen displaying the 'Connect to Wi-Fi network' interface within the BroadLink app, prompting the user to choose their 2.4 GHz Wi-Fi and enter the password.

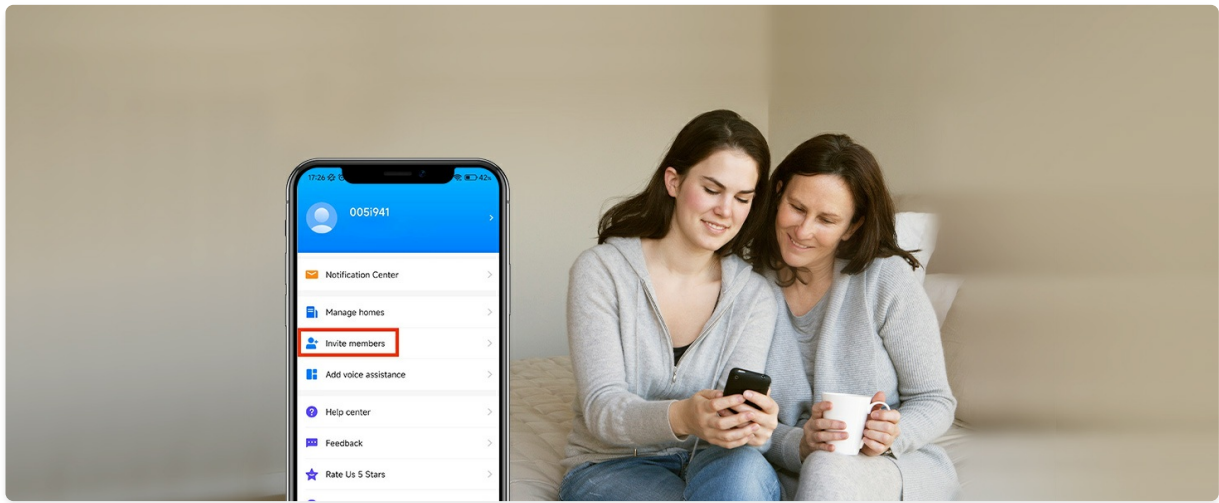
4. Adding IR Appliances

1. Once the RM Mini 3 is connected to Wi-Fi, select 'Add Appliance' in the app.
2. Choose the type of appliance you wish to control (e.g., TV, Air Conditioner, Set-top Box).
3. The app will guide you through a learning process, where the RM Mini 3 learns the IR signals from your existing remote controls. Point your original remote at the RM Mini 3 during this process.
4. The BroadLink cloud database contains codes for over 50,000 devices. If your device is not found, you can manually program its functions.

Operating Instructions

1. Controlling Appliances via App

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



A user controlling a television remotely using the BroadLink application on their smartphone, with the RM Mini 3 device positioned nearby.

2. Voice Control with Alexa and Google Home

The RM Mini 3 is compatible with Amazon Alexa and Google Home for voice control of your IR appliances.

1. Enable the BroadLink skill/service in your Alexa or Google Home app.
2. Link your BroadLink account.
3. Discover devices. You can now use voice commands like "Alexa, turn on the TV" or "Hey Google, set the AC to 24 degrees."

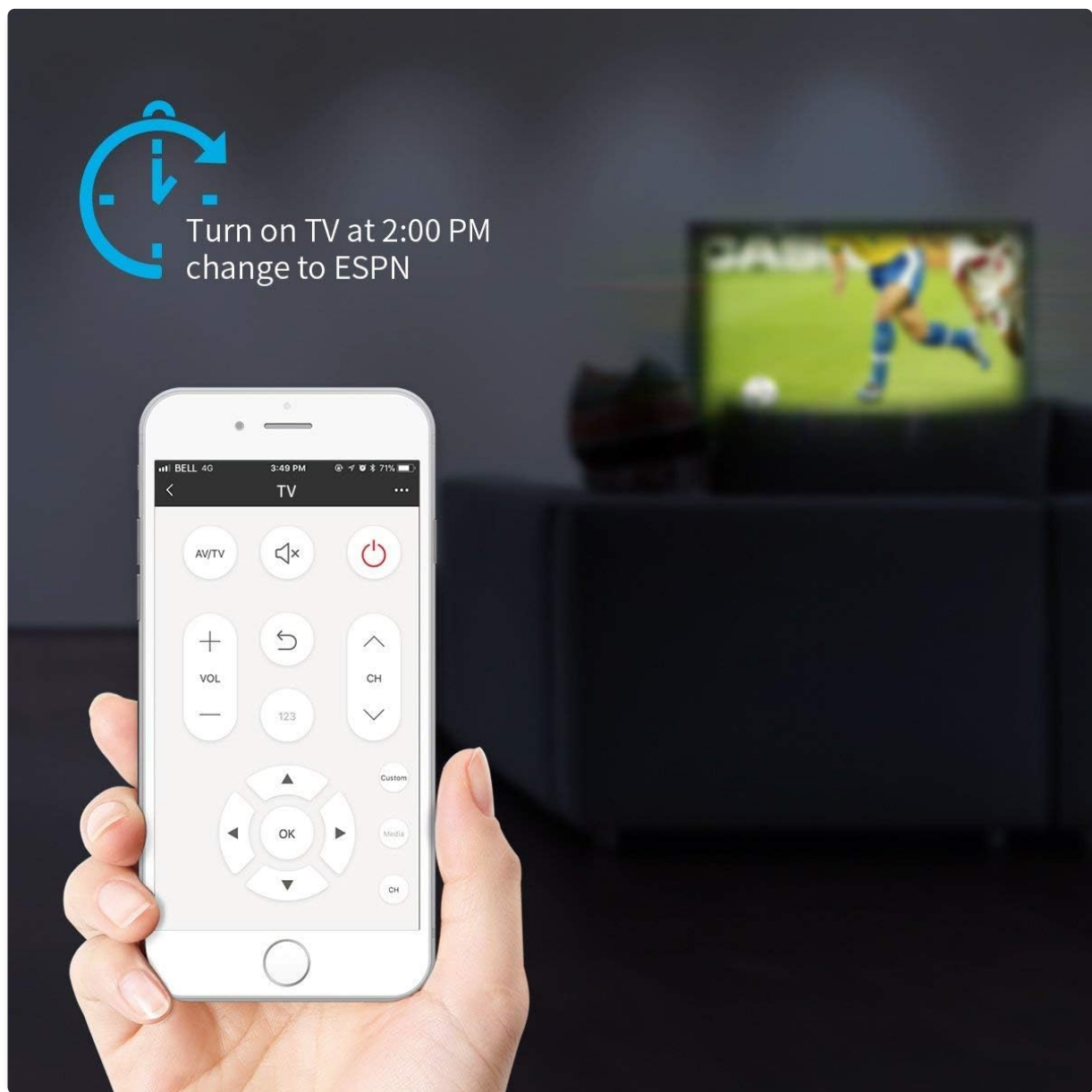


A child interacting with an Amazon Echo Dot to issue a voice command, "Alexa, turn on the TV," which is then executed via the Broadlink RM Mini 3.

3. Scheduling and Scenes

Automate your home by setting schedules and creating custom scenes within the BroadLink App.

- **Schedules:** Set specific times for appliances to turn on or off (e.g., "Turn on TV at 7:00 PM").
- **Scenes:** Combine multiple actions into a single command (e.g., a "Good Night" scene could turn off the TV, dim lights, and adjust the AC).



A smartphone displaying a scheduled task to turn on the TV and switch to ESPN at 2:00 PM, illustrating the scheduling feature of the BroadLink app.



Visual examples of daily smart home automations, including scheduled power-offs, climate control for pets, TV channel changes, and sleep-time AC adjustments.

4. Code Learning

If an appliance's remote code is not available in the BroadLink cloud database, the RM Mini 3 can learn individual IR commands from your original remote control. This allows for customization and compatibility with a wider range of devices.

Maintenance

- Keep the device clean by wiping it with a soft, dry cloth.
- Do not use liquid cleaners or abrasive materials.
- Ensure the device is placed in an area with good ventilation to prevent overheating.

Troubleshooting

Common Issues and Solutions:

- **Device not connecting to Wi-Fi:**
 - Ensure your Wi-Fi network is 2.4 GHz. The RM Mini 3 does not support 5 GHz Wi-Fi or mesh routers.
 - Verify the Wi-Fi password is entered correctly.
 - Place the RM Mini 3 closer to your Wi-Fi router during setup.
 - Restart your router and the RM Mini 3.
- **Appliances not responding to commands:**
 - Ensure there are no physical obstacles between the RM Mini 3 and the appliance. IR signals require a clear line of sight.
 - Verify the RM Mini 3 is within approximately 8 meters of the appliance.
 - Re-learn the IR codes for the unresponsive appliance.
 - Confirm the correct appliance type and brand are selected in the app.
- **Voice control not working:**
 - Ensure the BroadLink skill/service is enabled and linked in your Alexa or Google Home app.
 - Check that devices are discovered in your smart assistant app.
 - Use the exact names for devices as configured in the BroadLink app.

Specifications

Product Dimensions	2.17 x 2.17 x 2.56 inches
Item Weight	4.9 ounces
Model Number	8541545902
Connectivity	2.4 GHz Wi-Fi (IEEE 802.11 b/g/n)
IR Frequency	38KHz
Max Number of Supported Devices	50,000+ IR devices
Power Input	5V 1A (Micro USB)
Compatible Devices	IR 38K Devices (TV, A/C, STB, DVD, etc.)

Operating Temperature

0°C to 50°C (32°F to 122°F)

Warranty and Support

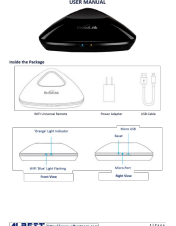
The Broadlink RM Mini 3 comes with a One-Year Warranty from the date of purchase. For technical support, troubleshooting guides, and video tutorials, please visit the official BroadLink website or their Amazon Brand Store. You can also find helpful resources on their YouTube channel.

Online Resources:

- BroadLink Official Website: www.broadlink.com.cn
- BroadLink Amazon Brand Store: [Visit Store](#)
- BroadLink YouTube Channel: Search for "BroadLink" on YouTube for video guides.

© 2025 Broadlink. All rights reserved.

Related Documents

	BroadLink RM Universal Remote Quick User Guide - Smart Home Control Comprehensive guide to setting up and using the BroadLink RM universal remote for smart home automation. Covers installation, Wi-Fi configuration, remote learning, scene creation, and troubleshooting for seamless control of appliances.
	BroadLink RM mini 3 Wi-Fi Universal Remote Quick Start Guide A quick start guide for the BroadLink RM mini 3 Wi-Fi Universal Remote, covering indications, FAQs, important notices, app preparation, device addition, and integration with Google/Alexa/IFTTT.
	BroadLink RM-PRO WiFi Universal Remote User Manual User manual for the BroadLink RM-PRO WiFi Universal Remote, detailing setup, app download, configuration, controlling appliances like air conditioners and TVs, creating custom scenes, and troubleshooting common issues.
	BroadLink RM Pro Universal Remote Quick Guide A comprehensive quick guide for the BroadLink RM Pro Universal Remote, detailing its setup, features, and compatibility with Amazon Alexa for smart home automation.

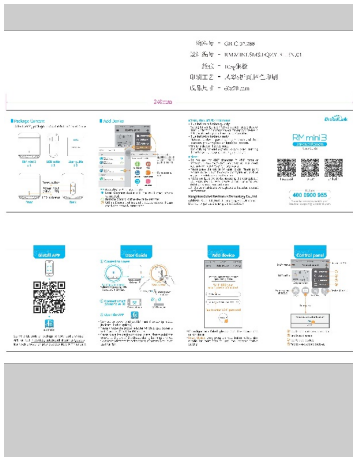
[\[pdf\]](#) User Manual

Broadlink Rm Mini3 Manual Pdf rm mini 3 black bean manual henghuitong español broadlink mini3 zoominformatica docs |||



Paso 2 Contenido del producto Despues de abrir la caja comprueba tienes en el interior: Paso 2 Aadir dispositivo 1x RM mini 3 1x cable USB 1x Gua instalacin Accede al panel de control o a bsqueda Icono panel control Frontal Botn reset Entrada alimentacin Micro USB Indicador LED Trasera Aad...

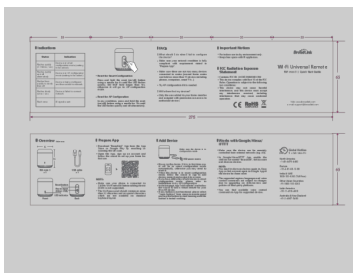
lang:es score:33 filesize: 563.38 K page_count: 2 document date: 2019-07-29



[BroadLink RM mini 3 Universal Remote Setup and User Guide](#)

Comprehensive guide to setting up and using the BroadLink RM mini 3 universal remote. Learn about package contents, LED indicators, Wi-Fi setup, adding devices, and controlling your smart home appliances.

lang:en score:32 filesize: 1.17 M page_count: 1 document date: 2019-07-24



[BroadLink RM mini 3 Wi-Fi Universal Remote Quick Start Guide](#)

A quick start guide for the BroadLink RM mini 3 Wi-Fi Universal Remote, covering indications, FAQs, important notices, app preparation, device addition, and integration with Google/Alexa/IFTTT.

lang:en score:30 filesize: 865.69 K page_count: 1 document date: 2023-03-15

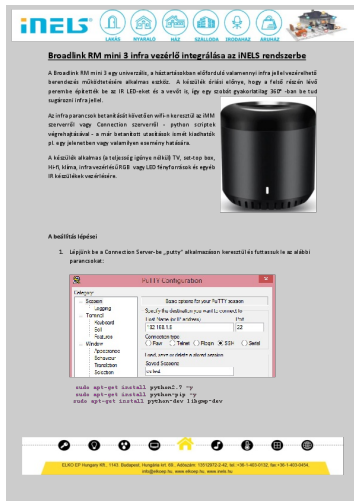


[\[pdf\]](#)

Kalicz Péter Broadlink RM mini 3 infra vezérlő l256 vezérlo final elkoep cz media files item 416 |||

Broadlink RM mini 3 infra vezrl A Broadlink RM mini 3 egy univerzális, a háztartásokban elfordul valamennyi infra jellel vezrelhet berendezs mkdtsre alkalmas eszkz. A kszlk risi elnye, hogy a fels rszn lv perembe ptett be az IR LED-eket s a vevt is, gy egy szobt gyakorlatilag 360 -ban be tud sugrozn...

lang:nl score:29 filesize: 775.06 K page_count: 10 document date: 2018-10-12



[\[pdf\]](#) Installation Guide

Kalicz Péter Broadlink RM mini 3 infra vezérlő integrálása az iNELS rendszerbe I256 vezérlo integralasa final elkoep cz media files item 417 |||

Broadlink RM mini 3 infra vezrl integrlsa az iNELS rendszerbe A Broadlink RM mini 3 egy univerzlis, a hztartsokban elfordul valamennyi infra jellel vezrelhet berendezs mktetsre alkalmas eszkz. A kszlk risi elnye, hogy a fels rszn lv perembe ptettk be az IR LED-eket s a vevt is, gy egy szobt gyakorl...

lang:it **score:28** filesize: 443.99 K page_count: 6 document date: 2018-10-12

[\[pdf\]](#) User Manual

RM mini 3 3en User Manual Hangzhou Gubei Electronics Technology Co Ltd RMMINI3 Universal Remote 2ACDZ 2ACDZRMMINI3RM rmmi3 rm

Add Device BELL 4:21 PM Control panel 100 Living room scene Back Device list Add remote Add scene Add device Device list SP Smart plug b4:42:0d:10:21:f4 Smart plug 04:02:58:10:28:44 RM RM mini 3 a4:62:07:18:91:22 Sensor A1 f4:22:0d:a3:51:f8 Back Add remote TV Choose a remote templat...

lang:en **score:27** filesize: 1.48 M page_count: 2 document date: 2018-08-22

[\[pdf\]](#) User Manual Guide

02 RM mini 3 3en SmartLife bg Connect to power and set 3 config mode indicator flashes quickly ·

Please choose the proper adapter which output is SV DC SOOmA user manual for wi fi controller

broadlink rm en 1563875178008 grobotronics images companies 1 appliance brand or panel code

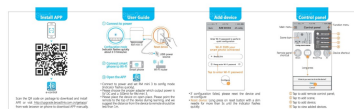
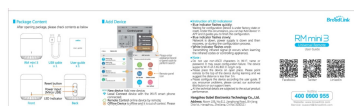
perform search Remote ICON NEW New device Add new

I Package Content Wu E J After opening package, please check contents as below

RM mini 3 xl USB cable xl User guide xl Front Back I Add Device 8odc .. = 0-0 .2lol 4.

- :: :: - til :-,,, - --Zl,Octll:-SH - o..- Please enter - ct.oo. . . -t. mplat- 0 0Alr nOitio - . i ...

lang:en **score:27** filesize: 1.23 M page_count: 1 document date: 2017-05-13





[pdf] User Manual Specifications Datasheet

broadlink datasheet 1 Shu Fen Universal Remote RM mini 3 Black Bean Micros Manual learning IR code Cloud update * RM3 does not contain power adapter Users can use any redundant phone charger to it info ad rm mini3 micros pl mediaserver New Specifications Model No Communication Mode Wi Fi 802 11 b g n 2 4GHz Operating Related Humidity ≤ 85% Temperature 0°C 50°C Universal Remote RM mini 3 Black Bean Product Description Specifications Features New Ultra-compact size and affordable price Universal IR control for aircon, TV, audio, DVD player... Support Wi-Fi/3G/4G control One-button auto-match IR code Manual learning IR code Cloud IR code u... lang:en **score:26** filesize: 465.77 K page_count: 1 document date: 2017-04-27

[pdf]

Manuale utente Broadlink Smart Home Hub RM Mini3 Telecomando universale WiFi intelligente IR a infrarossi telecomando unico per tutti Amazon it Elettronica 71SUZmENftL m media amazon images I ||| Preparare l app Aggiungi dispositivo Telecomando universale Wi-Fi RM mini 3 Guida rapida Web: www.ibroadlink.com e-mail: support@ibroadlink.com Scaricare l applicazione BroadLink dall App Store o da Google Play cercando o scansionando il codice QR. Aprire l app, registrare un account e segu... lang:it **score:26** filesize: 139.29 K page_count: 3 document date: 2023-05-09

[pdf] User Manual

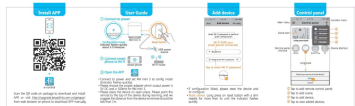
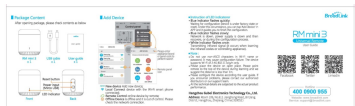
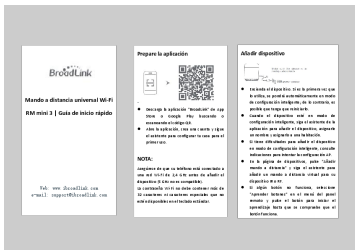
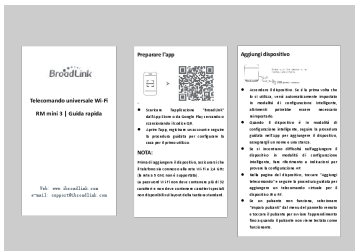
Manual de usuario Broadlink RM Mini3 Control Remoto Universal para domótica por Infrarrojos función Wi Fi Color Negro Amazon es Electrónica 71HBCbOEcxL m media amazon images I ||| Prepare la aplicacin Aadir dispositivo Mando a distancia universal Wi-Fi RM mini 3 Gua de inicio rpido Web: www.ibroadlink.com e-mail: support@ibroadlink.com Descarga la aplicacin BroadLink de App Store o Google Play buscando o escaneando el cdigo QR. Abre la aplicacin, crea una cuenta y si... lang:es **score:26** filesize: 140.49 K page_count: 3 document date: 2023-05-09

[pdf] User Manual Installation Guide Guide

02 RM mini 3 3en user manual for wi fi controller broadlink rm 3 enScan the QR code on package to and install APP or visit upgrade cn getapp from web browser phone manuallyuser engrobotronics images companies 1 en 1563875178008 srsItd AfmBOOq29LQVCy nW813p4Vrta d8P8oXiTGbXS8gov9KioifMpDavUG enuser manuallyScan AfmBOOqkzwSSyKqklqV7kklIulePoyZF ZWAsdoOMypWg8GbYihQTNgrobotronics manuallyConnect power set config mode indicator flashes quickly ·Please choose proper adapter which output isuser d8P8oXiTGbXS8gov9KioifMpDavUGgrobotronics AfmBOOq5mHN2q62PrDggQRjTUuiP7gCen895tqRNX36GoeY IWcWBI56 isConnect AfmBOOqXVLZGv5o45KgskQOfIXcdo Lou3vV9H oQRz024UuEU7IFZ0grobotronics ||| I Package Content Wu E J After opening package, please check contents as below RM mini 3 xl USB cable xl User guide xl Front Back I Add Device 8odc .. = 0-0 .2lol 4. - ::; - til :-;,,, - --Zl,Octll:-:SH - o..- Please enter - ct.oo. . . -t. mplat- 0 0Alr nOitio - . i ... lang:en **score:25** filesize: 1.23 M page_count: 1 document date: 2017-05-13

[pdf] User Manual

RM mini 3 device V3 0 Device Manual Download I BroadLink ibroadlink file 76387 ||| ... lang:en **score:24** filesize: 3.1 M page_count: 1 document date: 2021-03-05





[\[pdf\]](#) User Manual Guide

02 RM mini 3 3en Package Content After opening package please check conte contents as below 3
USB cable User guide Reset button Power input Mirco LED indicator Front Add Device Control panel
Broadlink IR Remote Controller Manual appinthestore 201605 80

...

lang:en **score:23** filesize: 628.31 K page_count: 2 document date: 2016-04-25

[\[pdf\]](#) User Manual

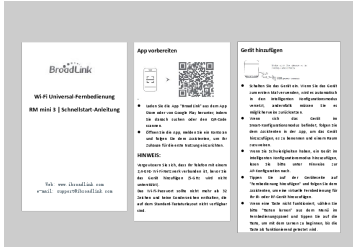
Wi Fi Universal Fernbedienung RM mini 3 Schnellstart AnleitungLaden Sie die App BroadLink aus dem
Store oder von Google Play herunter indem danach suchen den QR Code scannen ○ Öffnen

melden 71cDPLYHvxLm media amazon images I 71cDPLYHvxL |||

App vorbereiten Gert hinzufügen Wi-Fi Universal-Fernbedienung RM mini 3
Schnellstart-Anleitung Web: www.ibroadlink.com e-mail: support@ibroadlink.com

Laden Sie die App BroadLink aus dem App Store oder von Google Play herunter,
indem Sie danach suchen oder den QR-Code scannen. ffnen Sie die A...

lang:de **score:23** filesize: 142.18 K page_count: 3 document date: 2023-05-09

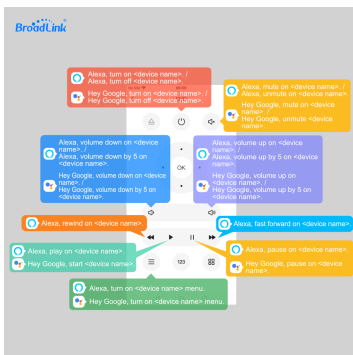


[\[pdf\]](#)

02 RM mini 3 PL BROADLINK RM4 CZ files innpro pl s3 amazonaws BroadLink Mini |||

UniverzIn ovladac Nvod k obsluze Facebook Twier LinkedIn Obsah sady Po oteven
sady zkontrolujte, zda obsahuje nsledujc položky. Instrukcja obsługi RM mini 3 x1
Kabel USB x1 Uzivatelsk prucka x1 Tlactko reset Port Micro USB Indiktor LED Pedn
strana Pidat zazen Zpt Zadejte znacku zazen neb...

lang:hr **score:21** filesize: 2.66 M page_count: 8 document date: 2023-05-08



[\[pdf\]](#) Guide Application Guide

Broadlink WiFi Smart Home Hub RM Mini 3 IR Automation Learning Universal Remote Control
Compatible with Alexa Mini3 8541545902 Application Guide Hangzhou Gubei Electronics Technology Co
Ltd B07K2C48YM B07K2DHBX6 B0753CDY86 D1YhdjYmEsS m media amazon images I |||

...

lang:hr **score:20** filesize: 8.23 M page_count: 15 document date: 2020-08-31



[pdf] User Manual

02 RM mini 3 3en Broadlink IR Remote Controller Manual domotique store fr index controller attachment id 370

...

lang:hr **score:20** filesize: 1.03 M page_count: 2 document date: 2016-04-25

[pdf]

Gebruikershandleiding Broadlink Smart Home Hub RM Mini3 slimme Wi Fi universele infrarood afstandsbediening één voor alles zwart Amazon nl Elektronica 71zFf9 jQxL m media amazon images I ||| App voorbereiden Apparaat toevoegen Wi-Fi universele afstandsbediening RM mini 3 Snelstartgids Web: www.ibroadlink.com e-mail: support@broadlink.com Download BroadLink App uit de App Store of Google Play door te zoeken of de QR-code te scannen. Open de App, maak een account aan en volg de ...

lang:nl **score:19** filesize: 139.94 K page_count: 3 document date: 2023-05-09

[pdf]

02 RM mini 3 3en Pobierz plik Pilot uniwersalny Aparatura sterująca BroadLink RM4 Wifi Inteligentny Dom inteligentnydom co 2020 03 |||

Wszelkie prawa zastrzeżone. Niniejsza instrukcja jest własności firmy INNPRO. Kopiowanie i dystrybucja w celach komercyjnych, całości lub części instrukcji bez zezwolenia zabronione. Zawarto zestawu Po otwarciu zestawu, sprawdź, czy znajdujesz w nim następujące elementy. Instrukcja obsługi RM mini 3 x1 ...

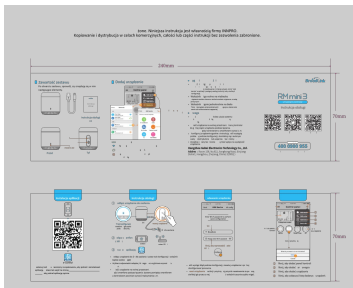
lang:pl **score:17** filesize: 408.09 K page_count: 1 document date: 2018-09-05

[pdf]

RM mini 3 device V3.0 Manuale utente broadlink IR controllo hub funziona con amazon alexa rm mini3 casa wi fi attivato remoto a infrarossi universale uno per ogni fagioli neri rmmi3 it Amazon Elettronica B1jd9XLtyXL m media images I |||

...

lang:pl **score:16** filesize: 3.1 M page_count: 1 document date: 2022-08-22



[pdf] SAR Rating

Microsoft Word RFExposure MPE Administrator RF Exposure Hangzhou Gubei Electronics Technology Co Ltd RMMINI3 RM Universal Remote 2ACDZ 2ACDZRMMINI3RM rmmi3 rm

1. MAXIMUM PERMISSIBLE EXPOSURE MPE 1.1 General Information Client Information Applicant: Address of applicant: Hangzhou Gubei Electronics Technology Co.,Ltd Room106, Building 1, No.611 Jianghong Road, Binjiang, Hangzhou, Zhejiang 310052, China Manufacturer: Address of manufacturer: General De...

lang:en **score:13** filesize: 31.06 K page_count: 3 document date: 2018-08-24

FCC Part 15C
Measurement and Test Report
For

Hangzhou Gubei Electronics Technology Co.,Ltd
Room106, Building 1, No.611 Jianghong Road, Binjiang, Hangzhou,
Zhejiang 310052, China

FCC ID: 2ACDZ-RMMINI3-RM

FCC Rule(s):	FCC Part 15C
Product Description:	
Tested Model:	SM mini 3
Report No.:	ST18000069
Sample Receipt Date:	2018-08-06
Tested Date:	2018-08-07 to 2018-08-08
Issued Date:	2018-08-17
Tested By:	Ming Shi, Engineer 
Reviewed By:	Silin Chen / EMC Manager 
Approved & Authorized By:	Jianbo Su / PQS Manager 
Prepared By:	Shenchen SM SEM Test Technology Co., Ltd. 1F, Building A Hongye Industrial Park, Luxian 2nd Street, Baofan District, Shenzhen, P.R.C. 518105 Tel: +86-755 30682008 Fax: +86-755 33603309 Website: www.semant.com.cn

Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen SEM Test Technology Co., Ltd.

[\[pdf\]](#) Test Report

ETSI 301 489 17 V1 Sem Test Report Hangzhou Gubei Electronics Technology Co Ltd RMMINI3 RM
Universal Remote 2ACDZ 2ACDZRMMINI3RM rmmini3 rm

Model: RM mini 3 FCC Part 15C Measurement and Test Report For Hangzhou Gubei Electronics Technology Co.,Ltd Room106, Building 1, No.611 Jianghong Road, Binjiang, Hangzhou, Zhejiang 310052, China FCC ID: 2ACDZ-RMMINI3-RM FCC Rule s : Product Description: Tested Model: Report No.: Sample Receipt Dat...
lang:en score:11 filesize: 1.32 M page_count: 59 document date: 2018-08-24