PANAMALAR IR001

PANAMALAR Smart IR Remote Control Hub (Model IR001)

User Manual

1. Introduction

The PANAMALAR Smart IR Remote Control Hub (Model IR001) is designed to centralize control of your infrared (IR) controlled electronic devices. This device transforms your smartphone into a universal remote, allowing you to manage home entertainment and automation devices from anywhere. It offers compatibility with voice assistants like Amazon Alexa and Google Assistant for hands-free control.
This manual provides detailed instructions for setting up, operating, and maintaining your Smart IR Remote Control Hub.

2. Package Contents

- 1 x Smart Infrared Remote Control Hub (Model IR001)
- 1 x USB Cable
- 1 x Adhesive Tape
- 1 x User Manual

3. Product Overview

The PANAMALAR Smart IR Remote Control Hub is a compact device designed to integrate control of various IR-controlled appliances. Its small size allows for discreet placement within your home.



Image: The PANAMALAR Smart IR Remote Control Hub, a compact black square device.



Image: The PANAMALAR Smart IR Remote Control Hub with dimensions indicated as 1.9 inches (length), 1.9 inches (width), and 0.75 inches (height).

4. Setup Instructions

4.1 Powering the Device

1. Connect the provided USB cable to the Smart IR Remote Control Hub.
2. Plug the other end of the USB cable into a 5V/1A USB power adapter (not included) or a compatible USB port.
3. Ensure the device is powered on. The indicator light should rapidly blink, indicating it's ready for pairing.

4.2 App Installation and Device Pairing

1. Download the "Smart Life" app from your smartphone's app store (Android 4.4+ or iOS 8.0+ required).
2. Register or log in to your Smart Life account.
3. Open the app and tap the "+" icon to add a new device.

4. Select "Infrared Universal Remote" from the device list.
5. Follow the on-screen instructions to connect the device to your 2.4GHz Wi-Fi network**Note:** The device only supports 2.4GHz Wi-Fi.
6. Once connected, you can begin adding your IR-controlled appliances.

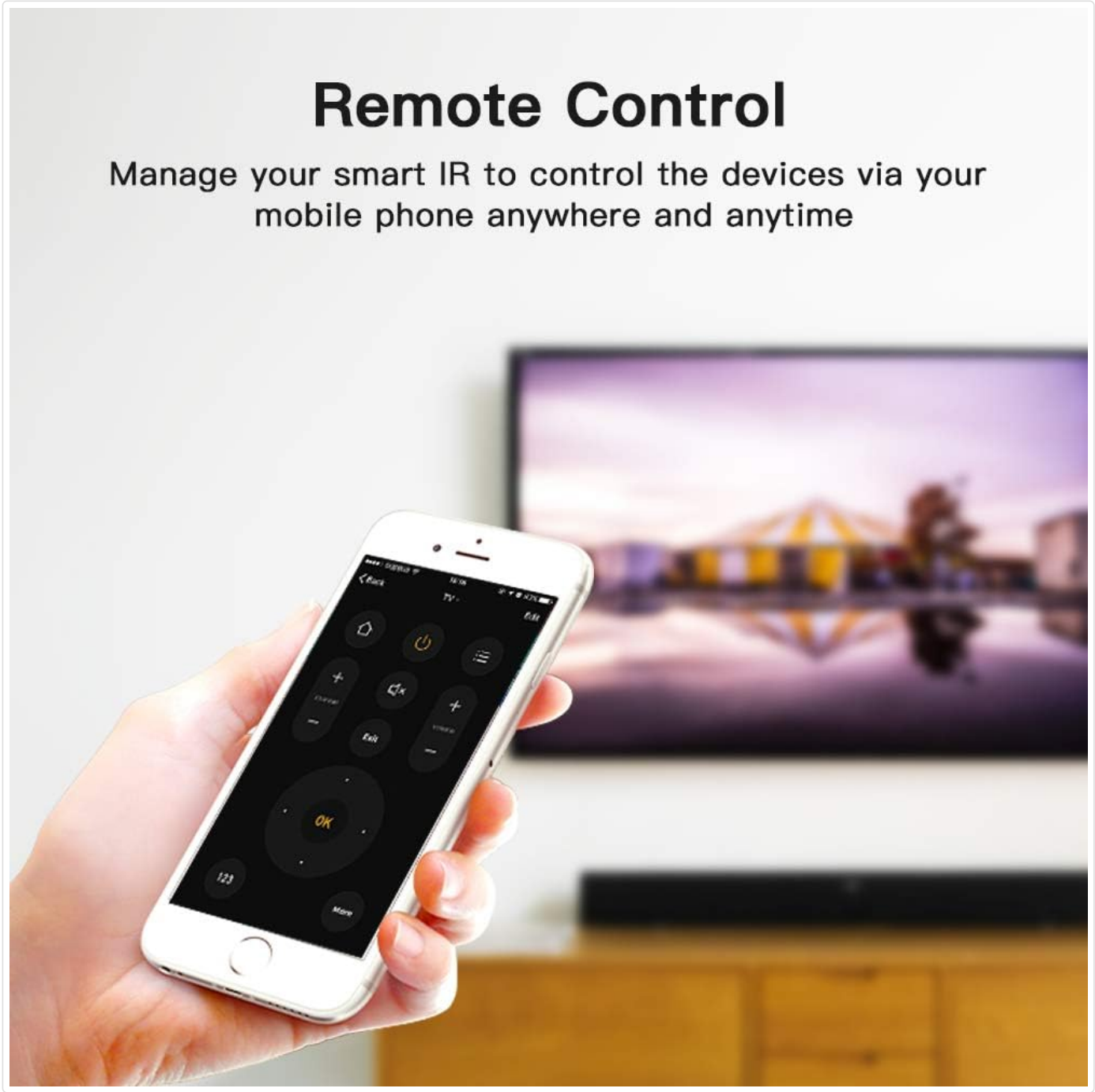


Image: A smartphone displaying a remote control interface, used to control a television via the Smart IR Remote Control Hub.

5. Operating Instructions

5.1 Adding Appliances

1. In the Smart Life app, select the Smart IR Remote Control Hub.
2. Tap "Add Remote" or a similar option.
3. Choose the type of appliance (e.g., TV, Air Conditioner, Fan, Set-Top Box).
4. Select the brand of your appliance from the extensive database. The device supports auto-matching with over 50,000 devices.

5. Test the pre-configured remote templates to find one that works with your appliance.



Image: The Smart IR Remote Control Hub connected to a power source, with icons representing various compatible devices like TV, DVD player, air conditioner, speakers, and fan, illustrating its universal compatibility.

5.2 DIY Function (Custom Remote Template)

If your appliance model is not found in the database, you can use the DIY function to manually learn IR signals from your original remote control.

1. In the app, select the DIY option for your Smart IR Remote.
2. Follow the prompts to teach the hub individual functions (e.g., power on, power off, volume up) by pointing your original remote at the Smart IR Hub and pressing the corresponding button.
3. Save your custom remote template.

5.3 Voice Control Integration

The Smart IR Remote Control Hub is compatible with Amazon Alexa and Google Assistant for voice control.

1. Ensure your Smart IR Hub is successfully paired with the Smart Life app.
2. Link your Smart Life account to your Amazon Alexa or Google Home app.
3. Discover devices in your Alexa or Google Home app.

4. You can now use voice commands to control your IR appliances (e.g., "Alexa, turn on the TV," "Hey Google, set the AC to 24 degrees").



Image: An Amazon Echo device next to the Smart IR Remote Control Hub, with a speech bubble indicating "Alexa, turn on the air conditioner" and a response "OK", demonstrating voice control functionality.

5.4 Scheduling and Timers

Set schedules and timers for your appliances directly through the Smart Life app.

1. In the Smart Life app, select the desired appliance.
2. Navigate to the "Schedule" or "Timer" settings.
3. Set specific times for appliances to turn on or off, or create custom scenes involving multiple devices.

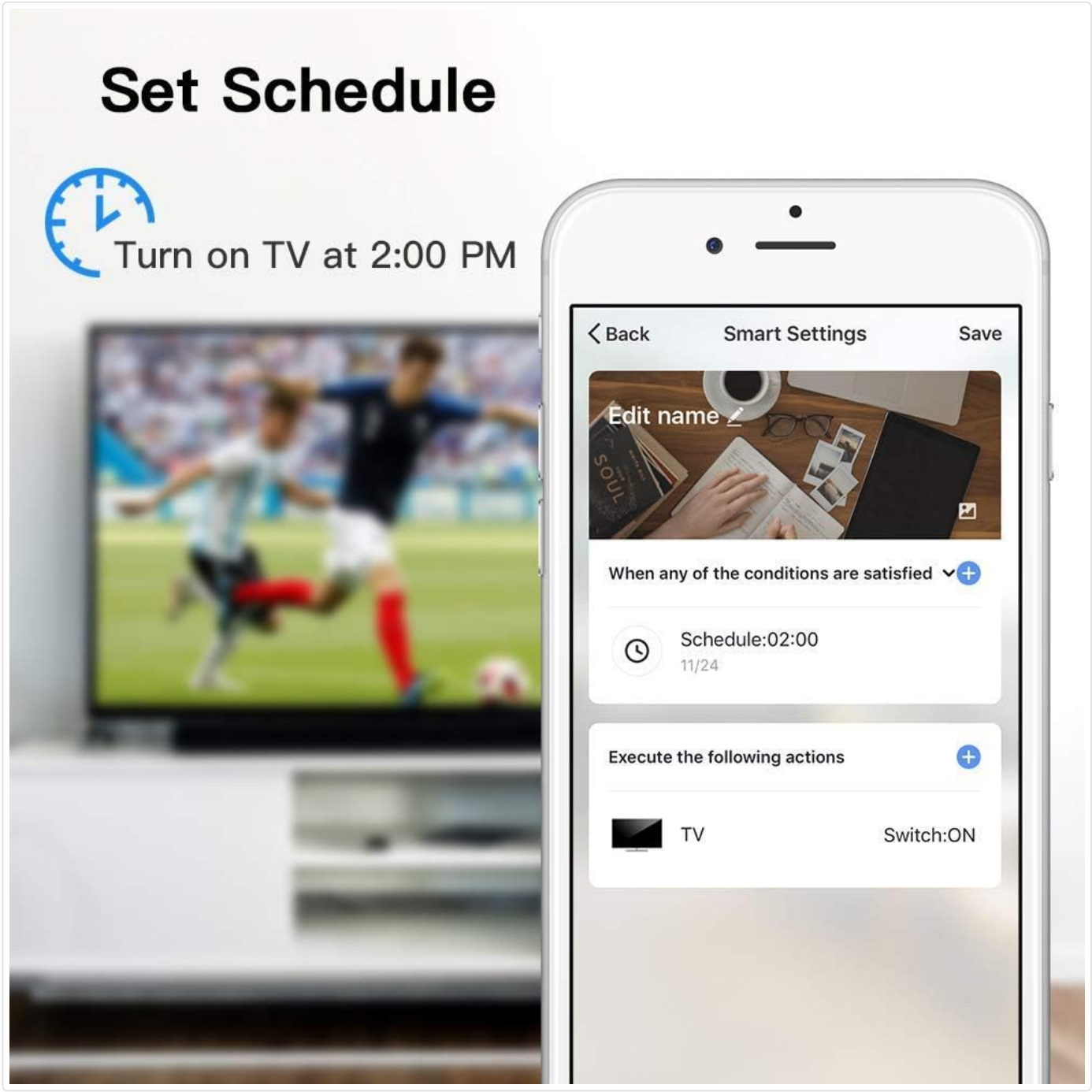


Image: A smartphone screen showing the "Smart Settings" in the Smart Life app, with a schedule set to "Turn on TV at 2:00 PM", demonstrating the scheduling feature.

6. Features and Compatibility

- **Remote Control:** Manage IR-controlled devices (38 KHz) via your mobile phone from anywhere. (Supports 2.4GHz Wi-Fi network only).
- **Voice Control:** Compatible with Amazon Alexa and Google Home for voice commands over TV, STB, air conditioner, DVD, audio, fans, and more.
- **Universal Compatibility & Customization:** Automatic pairing with over 50,000 devices from popular brands. Growing IR database in the cloud. Supports manual learning to create custom remote templates.
- **Schedule & Timer:** Set timers to turn appliances on/off at specific times or customize scenes with multiple devices.
- **Easy to Use:** Simple and quick installation. Power on, download "Smart Life" app, add device, and control appliances.

Note: This device supports only IR devices, not RF devices. Please verify your device type before use.

Device \ Functions \ Working with		Smart Phone	Amazon Echo	Google Home
Air Conditioner (AC)	Turn on / off the AC	✓	✓	✓
	Set the AC to xx degree	✓	✓	✓
	Increae / decrease the AC temperature	✓	✓	✓
	Change mode	✓	✗	✗
TV	Turn on / off the TV	✓	✓	✓
	Channel up / down on TV	✓	✓	✗
	Volume up / down on TV	✓	✓	✗
	Change channel to (channel number)	✓	✓	✗
	Home page	✓	✗	✗
	Exit	✓	✗	✗
	Up / Down / Left / Right / OK	✓	✗	✗
Fan	Turn on / off the fan	✓	✓	✓
	Swing	✓	✗	✗
	Mode	✓	✗	✗
	Timer	✓	✗	✗
DIY	Learn most of the functions of the remote controller	✓	✗	✗

Image: A table illustrating the compatibility of various functions (Turn on/off, Set temperature, Change mode, Channel up/down, Volume up/down, Home page, Exit, Up/Down/Left/Right/OK, Swing, Timer, DIY) across different devices (Air Conditioner, TV, Fan, DIY) and control methods (Smart Phone, Amazon Echo, Google Home).

7. Specifications

Model Name	IR001 (also referred to as S06)
Input	DC 5V/1A
IR Frequency	38 KHz
Wi-Fi Frequency	2.4GHz (only)
Infrared Range	≤ 8 meters
Dimensions (L x W x H)	5 x 5 x 1.9 cm (approx. 1.9 x 1.9 x 0.75 inches)

Material	ABS
Weight	28 g
Supported OS	Android 4.4 and above, iOS 8.0 and above
Max Supported Devices	200

8. Troubleshooting

- **Device not connecting to Wi-Fi:**
  - Ensure your Wi-Fi network is 2.4GHz. The device does not support 5.0GHz networks.
  - Verify your Wi-Fi password is correct.
  - Place the Smart IR Hub closer to your Wi-Fi router during setup.
  - Check if the indicator light is rapidly blinking, indicating pairing mode. If not, reset the device (refer to app instructions for specific reset procedure, usually holding a button).
- **Appliance not responding to commands:**
  - Ensure the Smart IR Hub has a clear line of sight to the appliance. IR signals require direct line of sight.
  - Verify that the correct remote template for your appliance brand and model is selected in the app.
  - Try using the DIY function to manually learn commands from your original remote.
  - Confirm the appliance is an IR-controlled device, not RF.
- **Voice commands not working:**
  - Check if your Smart Life account is correctly linked to Amazon Alexa or Google Home.
  - Ensure devices are discovered in your Alexa/Google Home app.
  - Use clear and precise voice commands.

9. Maintenance

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, direct sunlight, or moisture.
- Ensure the device is placed in a central location with a clear line of sight to all controlled appliances for optimal performance.
- Regularly check for app updates to ensure you have the latest features and bug fixes.

10. Official Product Video

Your browser does not support the video tag.

Video: An official product demonstration showcasing the PANAMALAR Smart IR Remote Control Hub's features, including voice control with Alexa, app-based remote control, DIY function for custom remotes, and scheduling capabilities.

11. Warranty and Support

For warranty information and technical support, please refer to the contact details provided in your product packaging or visit the official PANAMALAR website. Keep your purchase receipt for warranty claims.

This product is verified by Transparency, ensuring authenticity. Each item has a unique code verified before shipping.

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