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MOES BS-FB02

MOES Rock Switch Fingerbot 3rd Generation User Manual

Model: BS-FB02

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your MOES Rock Switch Fingerbot 3rd Generation. Please read this manual thoroughly before using the device to ensure proper function and safety. The Fingerbot is designed to automate traditional rocker switches and buttons, integrating them into your smart home system.

Package Contents

- MOES Rock Switch Fingerbot (Model: BS-FB02)
- Add-on Sticker
- Type-C Charging Cable
- User Manual



Image: MOES Rock Switch Fingerbot 3rd Generation, showing the device, its packaging, and an example installation on a wall switch.

Setup

1. Physical Installation

1. **Clean the Surface:** Ensure the area around the target switch or button is clean and dry.
2. **Position the Fingerbot:** Carefully position the Fingerbot next to the switch or button, ensuring its robotic arm can effectively press or toggle the control. For rocker switches, use the included add-on sticker to extend the arm's reach if necessary.
3. **Attach the Fingerbot:** Remove the protective film from the adhesive on the back of the Fingerbot and firmly press it onto the surface for at least 30 seconds.

4. **Adjust Robotic Arm:** The robotic arm is adjustable to accommodate various switch types and movements. Rotate the arm to align with your switch for optimal operation.

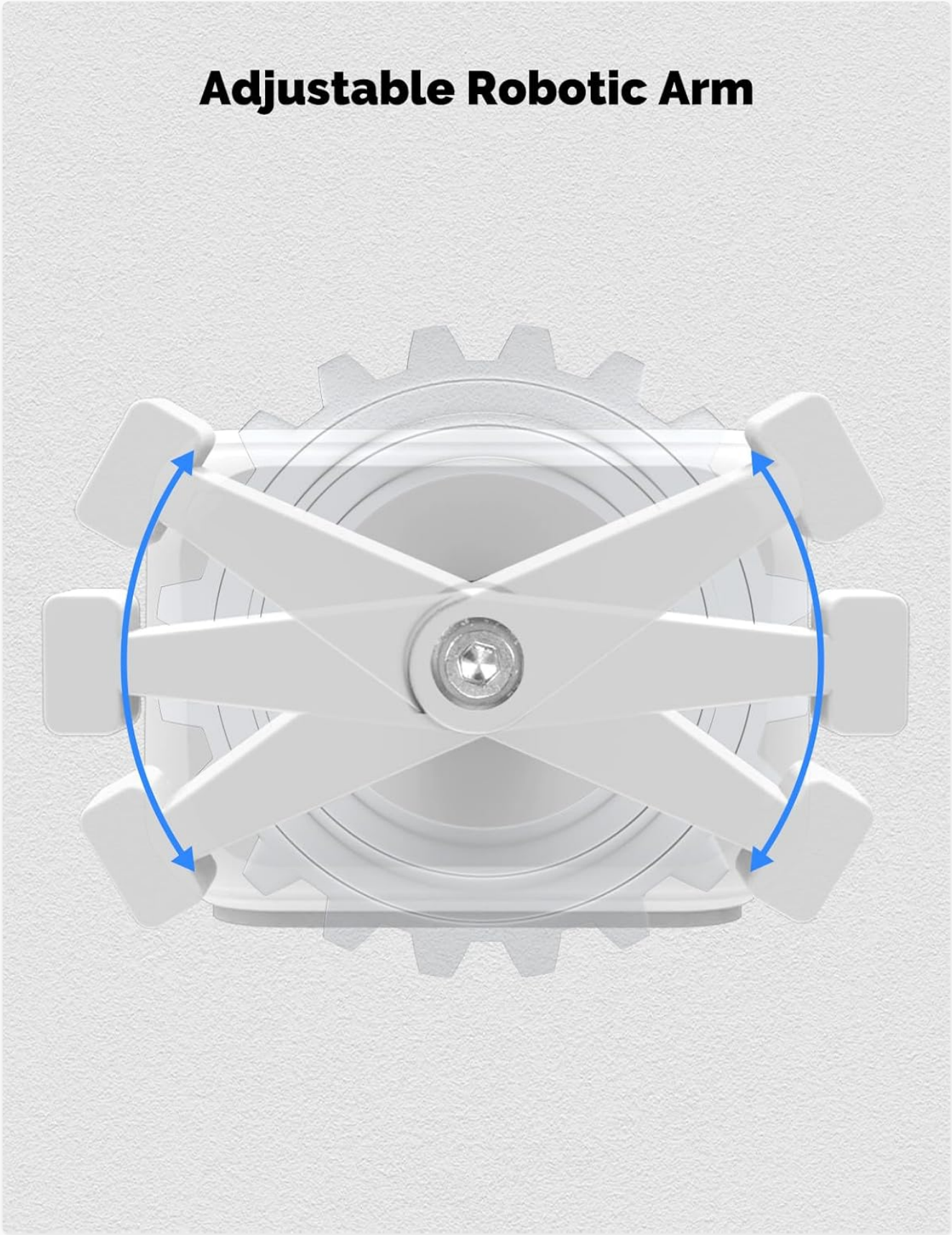


Image: The adjustable robotic arm of the Fingerbot, illustrating its rotational capability to adapt to different switch types.



Image: The Fingerbot mounted on a rocker switch, demonstrating its physical integration, alongside a smartphone screen showing the scheduling feature in the Smart Life app.

2. App Installation & Pairing

1. **Download the App:** Download the Smart Life App from the App Store (iOS) or Google Play Store (Android).
2. **Register/Log In:** Open the app and register for a new account or log in with an existing one.
3. **Add Device:** Ensure your phone's Bluetooth is enabled. In the Smart Life App, tap the "+" icon in the top right

corner to add a device. The app should automatically discover the Fingerbot via Bluetooth. If not, select "Add Manually" and search for "Fingerbot" or a similar device under the "Small Home Appliances" or "Robot" category.

4. **Confirm Pairing:** Follow the on-screen prompts to confirm the pairing. The Fingerbot will now be listed in your app.

3. Smart Home Integration (Optional)

For remote control and voice assistant compatibility (Alexa, Google Home), a MOES Tuya Bluetooth Hub is required. This hub bridges the Bluetooth connection of the Fingerbot to your Wi-Fi network.

1. **Install the Bluetooth Hub:** Follow the instructions provided with your MOES Tuya Bluetooth Hub to set it up and connect it to your Smart Life App.
2. **Link Fingerbot to Hub:** Once the hub is set up, the Fingerbot will automatically connect to the hub if it's within range.
3. **Enable Voice Control:** In the Smart Life App, navigate to the Fingerbot's settings and link it to your Amazon Alexa or Google Assistant account. Follow the respective voice assistant app instructions to discover new devices.

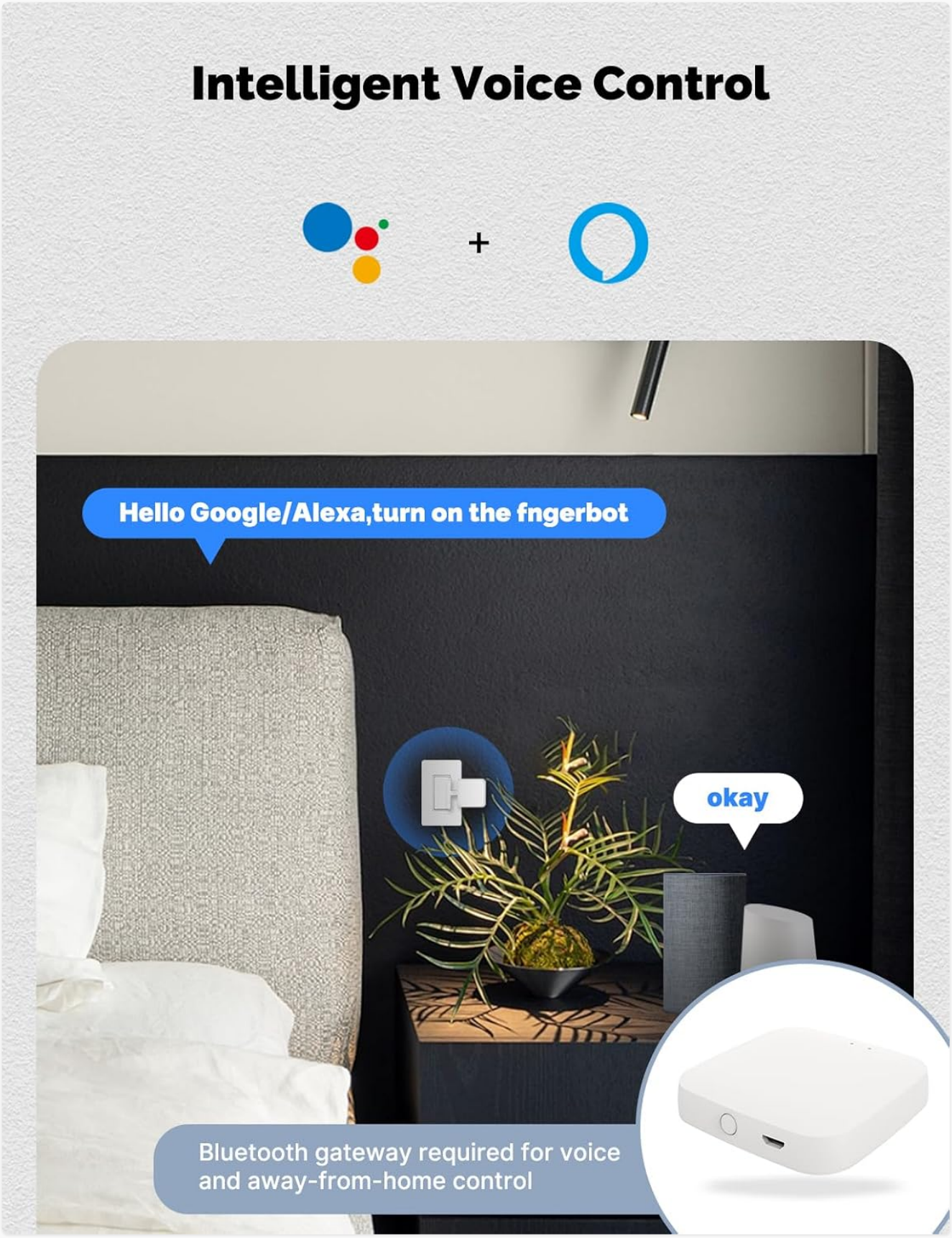


Image: Diagram illustrating the setup for intelligent voice control, showing the MOES Fingerbot integrating with Google Assistant and Alexa via a Bluetooth gateway (hub).

Operating Instructions

1. Basic Control via Smart Life App

Once paired, you can control the Fingerbot directly from the Smart Life App. Tap on the Fingerbot device icon to

access its control interface. You will typically find options to:

- **Toggle On/Off:** Manually activate or deactivate the switch/button.
- **Adjust Movement:** Fine-tune the robotic arm's movement, including rotation angle and direction (clockwise/counter-clockwise).
- **Set Resistance Coefficient:** Adjust the force (8-10N) the Fingerbot applies to the switch, which is useful for switches requiring different levels of pressure.

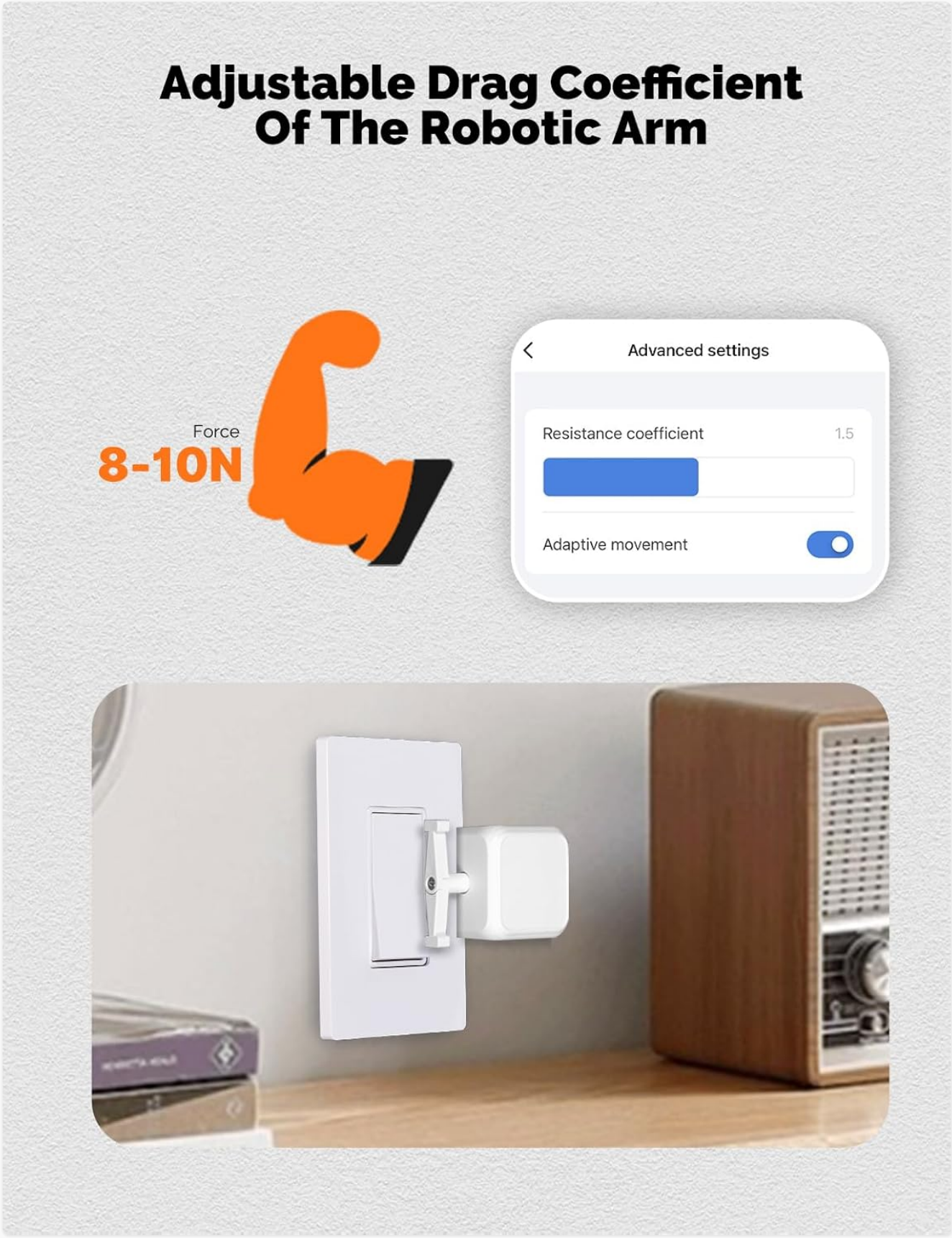


Image: A screenshot of the Smart Life app displaying advanced settings for the Fingerbot, specifically the 'Resistance coefficient' slider and

'Adaptive movement' toggle, indicating adjustable force for the robotic arm.

2. Timer Scheduling

The Smart Life App allows you to create schedules for automatic operation:

1. In the Fingerbot's control interface, tap on the "Schedule" or "Timer" option.
2. Tap "Add Schedule" to create a new automated task.
3. Set the desired time, days of the week, and the action (e.g., turn on, turn off).
4. Save the schedule. The Fingerbot will now operate automatically according to your settings.

3. Voice Control

If you have integrated your Fingerbot with Alexa or Google Home via a Bluetooth Hub, you can use voice commands:

- **For Alexa:** "Alexa, turn on [Device Name]" or "Alexa, turn off [Device Name]".
- **For Google Home:** "Hey Google, turn on [Device Name]" or "Hey Google, turn off [Device Name]".

Replace "[Device Name]" with the name you assigned to your Fingerbot in the Smart Life App.

Maintenance

1. Charging

The Fingerbot is equipped with a 400mAh lithium battery and a Type-C charging interface. A full charge typically provides 5-6 months of usage, depending on frequency of use.

- When the battery is low, connect the provided Type-C charging cable to the Fingerbot's charging port and to a standard USB power adapter (not included).
- An indicator light on the device will show charging status. Refer to the app for precise battery levels.

Troubleshooting

- **Device Not Responding:**
  - Check battery level. Recharge if necessary.
  - Ensure Bluetooth is enabled on your phone and the Fingerbot is within range.
  - If using a hub, ensure the hub is powered on and connected to your Wi-Fi network.
  - Restart the Smart Life App.
- **App Connectivity Issues (Network Error, Login):**
  - Verify your internet connection.
  - Ensure the Smart Life App is updated to the latest version.
  - Try clearing the app's cache or reinstalling the app.
  - If login issues persist, contact Smart Life App support.
- **Fingerbot Not Pressing Switch Effectively (Weak Push):**
  - Ensure the Fingerbot is securely mounted and aligned with the switch.
  - In the Smart Life App, adjust the "Resistance coefficient" setting to increase the force applied by the robotic arm.
  - Check if the switch itself requires excessive force; the Fingerbot is optimized for standard switches.

- Ensure the battery is adequately charged, as low power can affect performance.

- **Voice Control Not Working:**
  - Confirm that the MOES Tuya Bluetooth Hub is properly set up and connected.
  - Verify that the Fingerbot is linked to your Alexa or Google Home account in the Smart Life App.
  - Ensure you are using the correct device name in your voice commands.

Specifications

Feature	Detail
Model	BS-FB02
Brand	MOES
Dimensions (L x W x H)	2 x 1.5 x 1.1 inches (52 x 36 x 28 mm)
Item Weight	1.6 ounces (38 grams)
Color	White
Connectivity Protocol	Bluetooth 4.2
Control Method	App (Smart Life)
Operation Mode	Manual, Timer
Battery Type	3.7V Li-ion battery (400mAh)
Charging Port	Type-C
Battery Life	Approx. 5-6 months per full charge
Operating Temperature	0°C to 45°C / 32°F to 113°F
Frequency Band	2.4 GHz
Maximum Radio Transmission Power	+4dbm

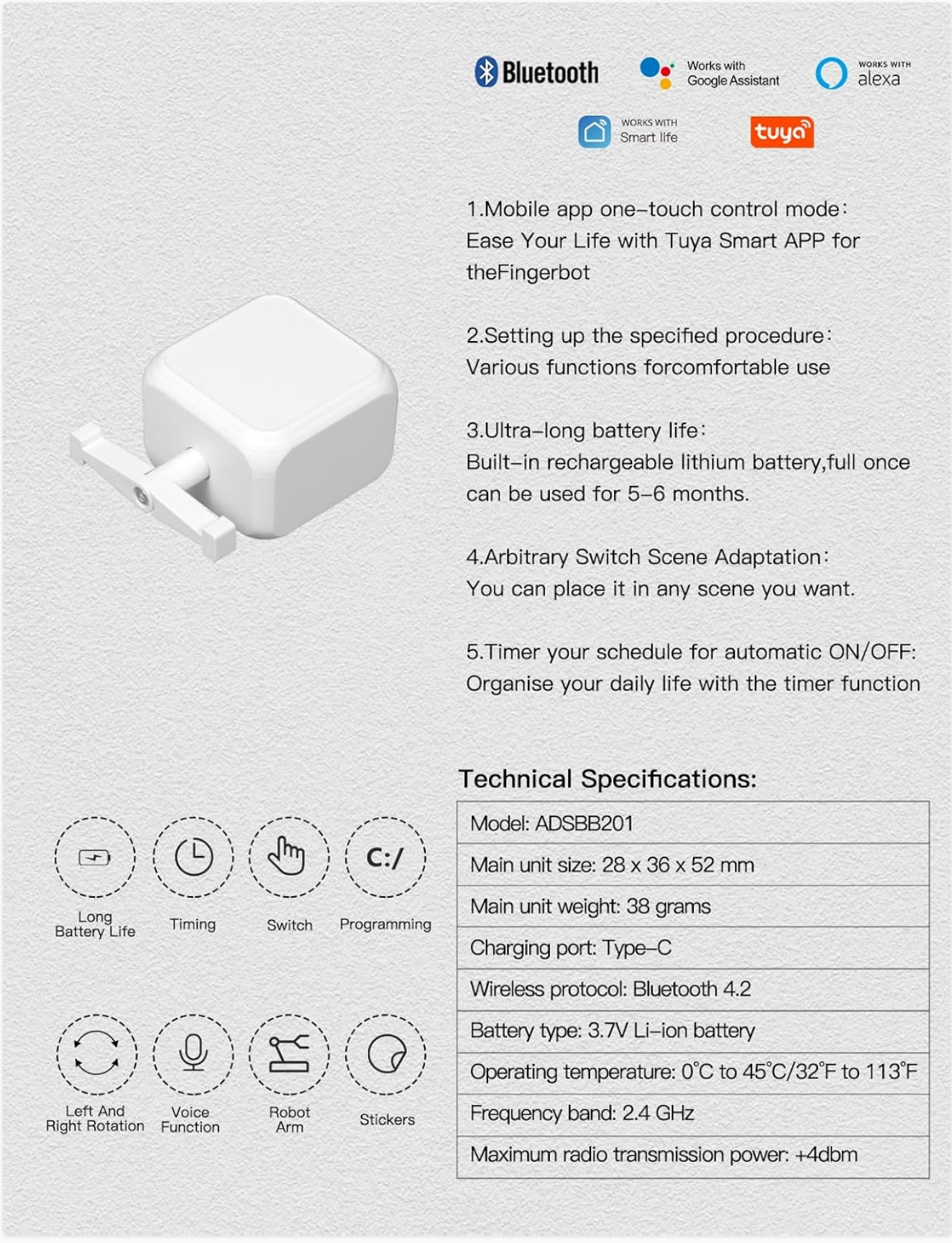


Image: A visual summary of the Fingerbot's technical specifications and key features, such as long battery life, timing functions, switch compatibility, programming, rotation, voice control, robotic arm, and included stickers.

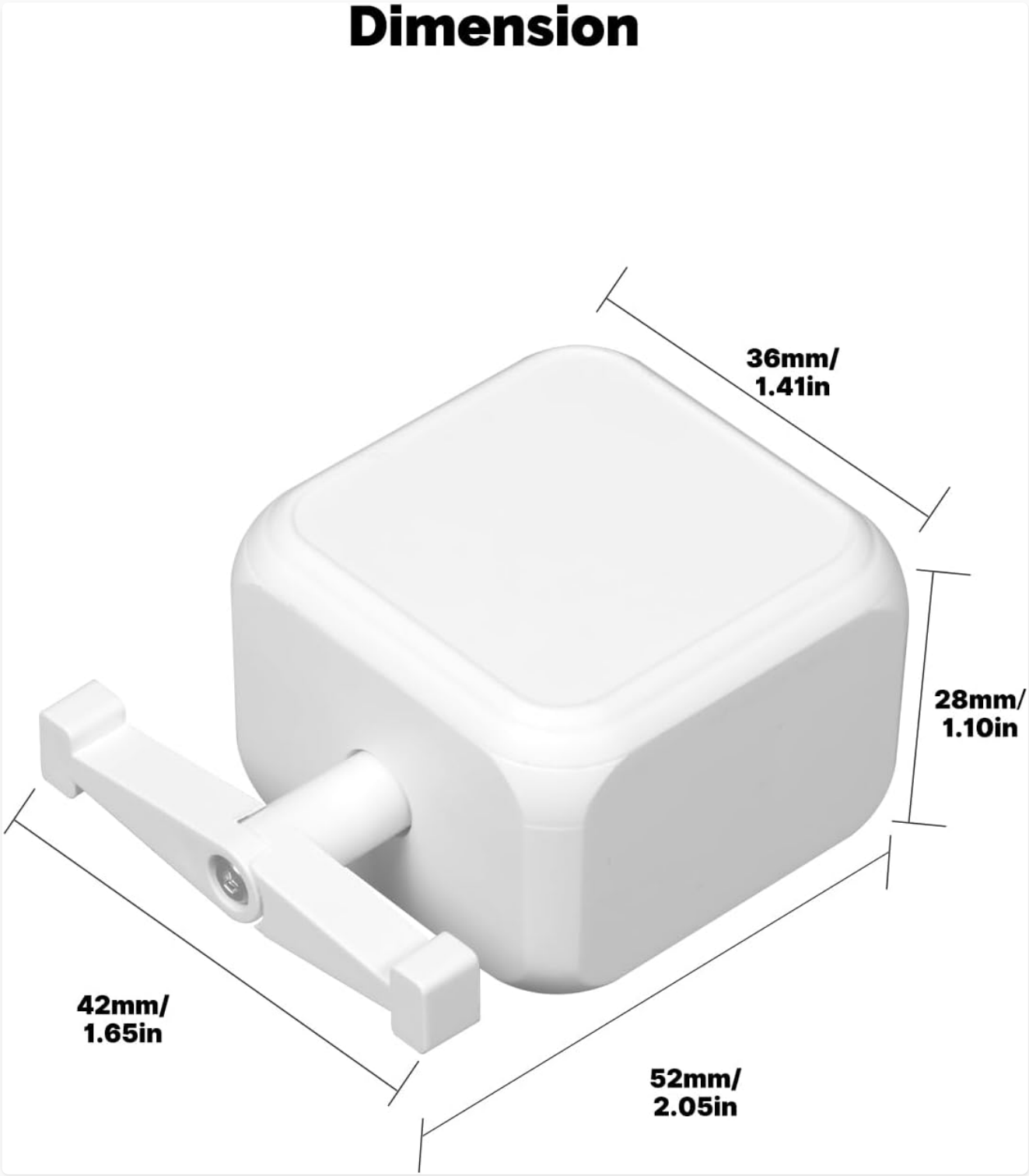


Image: A detailed dimensional diagram of the Fingerbot, providing its length, width, and height in both millimeters and inches.

Warranty and Support

MOES products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official MOES website. For technical support, troubleshooting assistance, or any inquiries regarding your MOES Rock Switch Fingerbot, please contact MOES customer service through their official channels.

Manufacturer: Hangzhou Adaprox Intelligent Technology Co., Ltd.

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