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MOES ADFBZ301

MOES Fingerbot Plus Smart Button Pusher Instruction Manual

Model: ADFBZ301

1. Introduction

The MOES Fingerbot Plus is a smart device designed to automate the pressing of physical buttons and switches on traditional appliances. It offers enhanced control options, including a built-in touch button and compatibility with the Smart Life App. When paired with a MOES Tuya Bluetooth Hub, it enables remote control, voice commands via Alexa and Google Home, and scheduled operations.



Image 1.1: The MOES Fingerbot Plus device alongside a smartphone displaying its control application.

2. Product Features

- **Versatile Compatibility:** The Fingerbot Plus is compatible with various physical buttons and switches, excluding touch screen buttons. It can be used to automate devices such as computers, televisions, robotic vacuums, garage doors, and wall switches.
- **Integrated Touch Control:** This upgraded version features a built-in touch button, allowing for direct manual activation (on/off) of the robot arm.
- **Smart Life App Control:** Control the Fingerbot Plus remotely via the Smart Life application on your smartphone.
- **Bluetooth Hub Integration (Optional):** When connected to a MOES Tuya Bluetooth Hub (sold separately), the Fingerbot Plus gains remote access from any location, voice control capabilities with Amazon Alexa and Google Assistant, and advanced timing functions.
- **Easy Installation:** The device attaches to surfaces next to buttons or switches using an adhesive sticker, requiring no tools or complex wiring.

- **Energy Efficient:** Powered by a replaceable CR2 battery, designed for extended operation.



Image 2.1: The Fingerbot Plus adapts to various switch types, including standard buttons, rocker switches, and toggle switches.



Image 2.2: The Fingerbot Plus features an integrated touchpad for direct control, a key upgrade from the original Fingerbot.



Image 2.3: An example application showing the Fingerbot Plus automating a garage door opener.

3. Package Contents

The standard package for the MOES Fingerbot Plus typically includes:

- MOES Fingerbot Plus Smart Button Pusher
- Adhesive Sticker (for mounting)
- CR2 Battery (pre-installed or included separately)
- User Manual (this document)

Note: Additional accessories for specific switch models may be available for separate purchase. The MOES Tuya Bluetooth Hub is also sold separately.

4. Setup Guide

4.1. Physical Installation

1. **Clean Surface:** Ensure the surface where the Fingerbot Plus will be mounted is clean and dry.
2. **Position Device:** Carefully position the Fingerbot Plus next to the target button or switch, ensuring the robot arm aligns correctly for activation.
3. **Apply Adhesive:** Remove the protective film from the adhesive sticker on the back of the Fingerbot Plus. Firmly press the device onto the cleaned surface for approximately 5 seconds to secure it.

Image 4.1: The Fingerbot Plus uses 3M VHB adhesive tape for secure and tool-free installation.

4.2. App Installation and Pairing

1. **Download App:** Download the 'Smart Life' app from your smartphone's app store (iOS or Android).
2. **Register/Login:** Open the app and register for a new account or log in with an existing one.
3. **Add Device:** In the Smart Life app, tap the '+' icon to add a new device. Select 'Fingerbot' or 'Button Pusher' from the device list.
4. **Pairing Mode:** Follow the in-app instructions to put the Fingerbot Plus into pairing mode. This usually involves pressing and holding the button on the Fingerbot Plus until an indicator light flashes.
5. **Connect:** The app will detect the Fingerbot Plus. Select it to complete the pairing process.

4.3. Connecting to a Bluetooth Hub (Optional)

To enable remote control, voice control, and advanced scheduling features, a MOES Tuya Bluetooth Hub is required. This hub is sold separately.

1. **Set up Hub:** Follow the instructions provided with your MOES Tuya Bluetooth Hub to set it up and connect it to your home Wi-Fi network via the Smart Life app.
2. **Link Devices:** Once the hub is online, ensure your Fingerbot Plus is within Bluetooth range of the hub. The Smart Life app will automatically link the Fingerbot Plus to the hub, enabling extended functionalities.



Image 4.2: A Bluetooth hub is essential for remote control and advanced features when outside the local Bluetooth range.

Image 4.3: Integrating a MOES hub unlocks voice control, timer functions, and remote access for the Fingerbot Plus.

5. Operating Instructions

5.1. Manual Touch Control

The Fingerbot Plus features a touch-sensitive area on its top surface. A light touch to this area will activate the robot arm, pressing the connected button or switch. Touching it again will retract the arm.

5.2. App Control

Through the Smart Life app, you can control the Fingerbot Plus with various modes:

- **Click Mode:** Simulates a single press and release of a button.
- **Switch Mode:** Designed for toggle switches, where one action turns it on and the next turns it off.

- **Loop Mode:** Repeats a sequence of actions.
- **Invert Mode:** Reverses the action (e.g., if a button is usually 'on' when pressed, invert makes it 'off').
- **Sustain Time:** Allows you to set how long the robot arm holds the button down, useful for devices requiring a prolonged press.



Image 5.1: The 'Sustain Time' feature allows precise control over the duration of a button press, as demonstrated with a coffee machine.

5.3. Timer Scheduling (Requires Bluetooth Hub)

With a connected Bluetooth Hub, you can set schedules for automatic activation and deactivation of your appliances.

1. **Access Schedules:** In the Smart Life app, navigate to the Fingerbot Plus device settings and select 'Schedule' or 'Timer'.
2. **Create New Schedule:** Set the desired time for the action (e.g., 7:00 AM ON, 5:30 PM OFF).
3. **Select Action:** Choose whether the Fingerbot Plus should activate or deactivate the switch.
4. **Repeat Options:** Configure the schedule to repeat daily, on specific days, or as a one-time event.

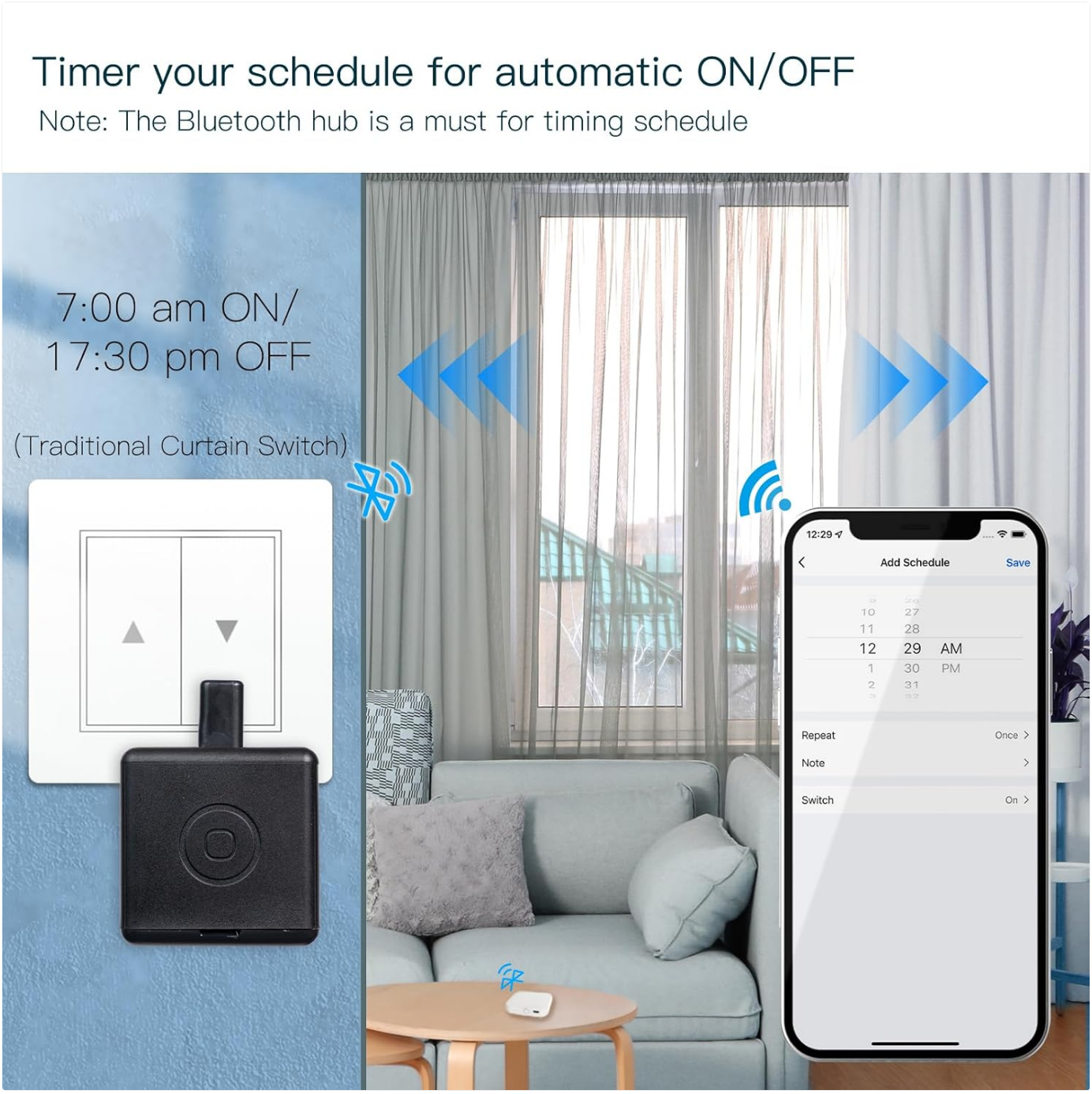


Image 5.2: Example of setting a daily timer schedule for automatic operation of a curtain switch.

5.4. Voice Control (Requires Bluetooth Hub)

Once connected to a Bluetooth Hub and integrated with Amazon Alexa or Google Assistant, you can control your Fingerbot Plus using voice commands.

1. **Link Accounts:** In the Alexa or Google Home app, link your Smart Life account.
2. **Discover Devices:** Ask your voice assistant to discover new devices. The Fingerbot Plus will appear as a controllable device.
3. **Issue Commands:** Use commands such as "Alexa, turn on the Fingerbot" or "Hey Google, turn off the living room light" (if the Fingerbot is named 'living room light').

Image 5.3: Voice control integration with Amazon Alexa and Google Home for hands-free operation.

6. Maintenance

6.1. Battery Replacement

The Fingerbot Plus is powered by a replaceable CR2 battery. When the battery level is low, the device's performance may degrade, or it may stop responding. To replace the battery:

1. **Remove Device:** Carefully detach the Fingerbot Plus from its mounted surface.
2. **Open Battery Compartment:** Locate the battery compartment cover, usually on the underside or side of the device, and open it.
3. **Replace Battery:** Remove the old CR2 battery and insert a new one, ensuring correct polarity.
4. **Close Compartment:** Securely close the battery compartment cover.
5. **Re-mount Device:** Re-attach the Fingerbot Plus to its desired location using a new adhesive sticker if necessary.

6.2. Cleaning

To maintain optimal performance, keep the Fingerbot Plus clean:

- Wipe the exterior with a soft, dry cloth.
- Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the device.

7. Troubleshooting

- **Device not responding to app:**
  - Ensure Bluetooth is enabled on your smartphone.
  - Check if the Fingerbot Plus battery is charged. Replace if necessary.
  - Verify the device is within Bluetooth range of your smartphone or the connected Bluetooth Hub.
  - Restart the Smart Life app and try again.
- **Remote control or voice commands not working:**
  - Confirm that a MOES Tuya Bluetooth Hub is properly set up and connected to your Wi-Fi network.
  - Ensure the Fingerbot Plus is linked to the Bluetooth Hub in the Smart Life app.
  - Check your internet connection and the status of your voice assistant (Alexa/Google Home) integration.
- **Fingerbot arm not pressing button correctly:**
  - Re-position the Fingerbot Plus to ensure optimal alignment with the button/switch.
  - Adjust the 'Down Movement' and 'Up Movement' settings in the Smart Life app to fine-tune the arm's travel distance.
  - Ensure the adhesive is secure and the device is not shifting.
- **Battery drains quickly:**
  - Ensure you are using a high-quality CR2 battery.
  - Frequent activations or long 'Sustain Time' settings can increase battery consumption.
  - Operating in very cold environments can also reduce battery life.

8. Specifications

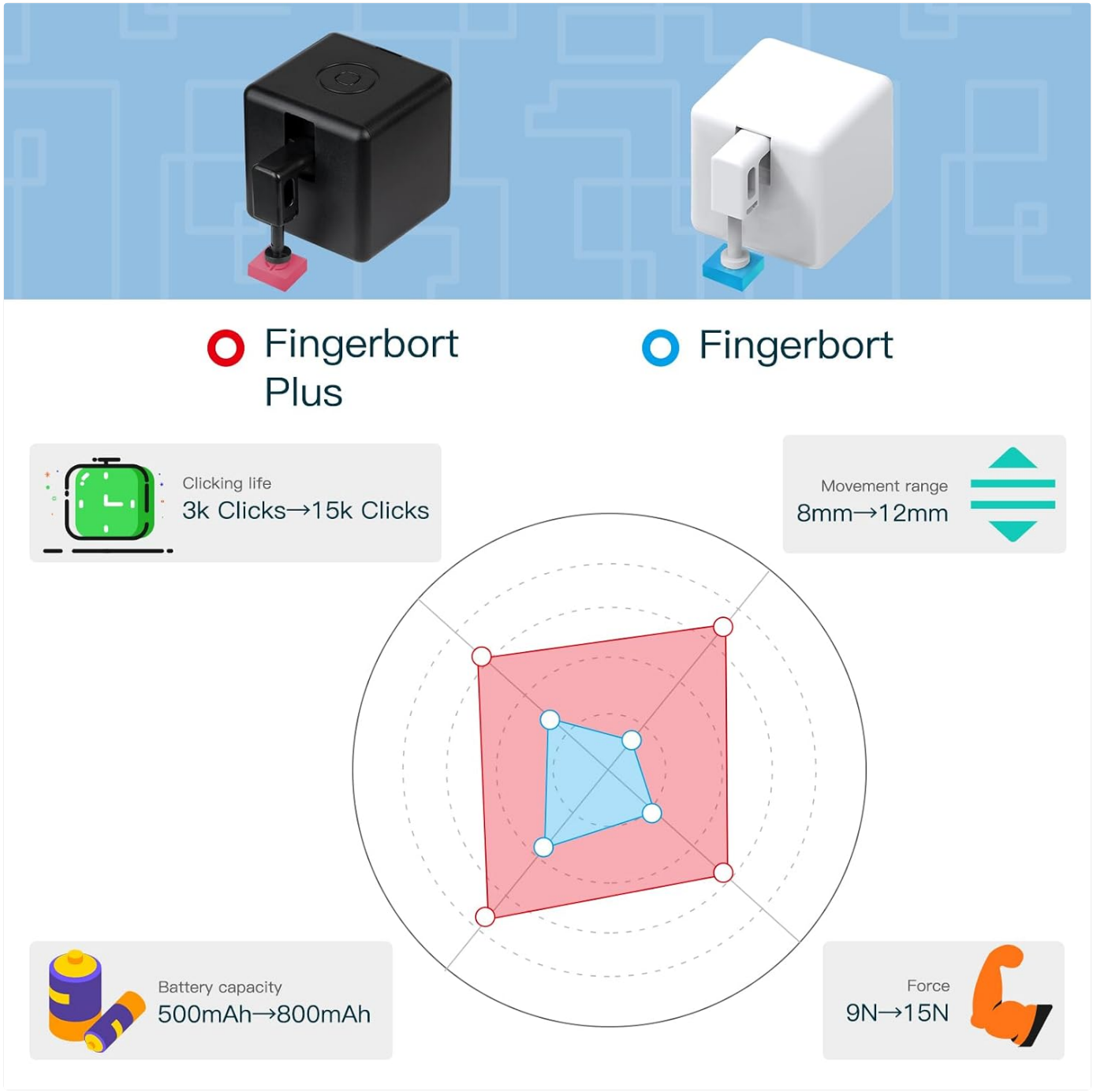


Image 8.1: Performance comparison between Fingerbot Plus and the original Fingerbot.

Feature	Detail
Model Number	ADFBZ301
Brand	MOES
Product Dimensions	1.3 x 1.3 x 1.3 inches
Item Weight	1.76 ounces
Operation Mode	Semi-Automatic
Actuator Type	Touch
Mounting Type	Wall Mount (Adhesive)

Feature	Detail
International Protection Rating	IP30
Power Source	CR2 Battery
Connectivity	Bluetooth (requires optional Tuya Bluetooth Hub for remote/voice control)
Connector Type	USB (for optional Bluetooth Hub, not Fingerbot itself)

9. Warranty and Support

For warranty details, technical support, and customer service inquiries, please refer to the official MOES website or the contact information provided on your product packaging. Keep your purchase receipt for warranty claims.

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