

BotNest Home Automation – User Manual

1. Introduction

Welcome to the **BotNest Home Automation System**. This manual will guide you through installation, setup, and usage of your automation device to control lights, fans, and household appliances.

Our system allows **App Control, Voice Control (optional), Manual Switch Control, and Automation Scheduling**.

2. Box Contents

- BotNest Home Automation Controller Unit
- Relay Output Terminal Block
- Power Input Connector
- QR Code for App Download / Dashboard Login
- User Manual & Warranty Card

Note: Device models may vary depending on Light/Fan/Appliance configuration purchased.

3. Safety Instructions

⚠ Turn off the main power supply before installation. ⚠ Installation must be carried out by a qualified electrician. ⚠ Do not expose the device to water/liquids. ⚠ Ensure proper earthing for safety. ⚠ Avoid overloading relays beyond rated capacity.

4. Technical Specifications

- Input Voltage: 220-240V AC
 - Wi-Fi: 2.4GHz
 - Relay Rating: Model Dependent (typically 10A per channel)
 - Control: Mobile App + Manual Switch + Voice Assistant(Optional)
 - Warranty: 6 Months
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5. Installation Guide

1. Turn OFF the home power supply.
2. Connect **Live (L)** and **Neutral (N)** input to the controller.
3. Connect appliance output wires to respective Relay Channels.

4. Tighten terminal screws properly.
5. Turn ON the power supply after completing wiring.
6. Indicator LED will blink – device is ready to configure.

Wiring Structure (General)

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Mains L -----> Relay Input  
Relay Output -----> Appliance Line Input  
Neutral -----> Direct to Appliance
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6. App Setup & Wi-Fi Configuration

1. Power ON the device.
2. Open BotNest App / provided dashboard link.
3. Sign-Up or Login with your mobile number/email.
4. Click **Add Device** → Select **Home Automation Controller**.
5. Enter Wi-Fi credentials (Only 2.4GHz supported).
6. Wait for connection confirmation.
7. Device will appear on Dashboard.

If device fails to connect, reset by holding the reset button for 5 seconds.

7. Features & Operation

a) Manual Switch Control

Your existing wall switch will work as usual even after automation.

b) Mobile App Control

- Turn ON/OFF appliances from anywhere.
- Create Rooms & Groups.
- Add family members for shared access.

c) Voice Control (Optional)

Compatible with Alexa & Google Assistant. Commands like:

- "Alexa, turn on Living Room Light"
- "Hey Google, turn off Fan"

d) Scheduling/Automation Rules

- Set timer (ex. Turn OFF at 11PM)

- Sunrise/Sunset automation
 - Energy Saving Modes
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8. Troubleshooting

Issue	Solution
Device not connecting	Check Wi-Fi 2.4GHz enabled, bring router closer
Switch works but app doesn't	Check power supply & internet connection
Device offline	Restart router/device
Relay clicking but no output	Check load wire & rating

9. Warranty & Support

- Warranty: 6 Months from purchase
- Covers only manufacturing defects
- Physical damage/wrong wiring not covered

For Support:



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10. Thank You

Thank you for choosing **BotNest Automation**. Enjoy a smarter living experience!