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AITEK ALPHA-800

AITEK ALPHA-800 Smart LED Bulb User Manual

Model: ALPHA-800 | Brand: AITEK

1. PRODUCT OVERVIEW

The AITEK ALPHA-800 Smart LED Bulb is designed to provide personalized lighting experiences with advanced features. This 9W RGB smart bulb offers adjustable color temperature (2700-6500K) and a luminous flux of 850lm. It connects wirelessly via 2.4GHz Wi-Fi and is compatible with popular voice assistants like Amazon Alexa and Google Assistant, allowing for convenient control. Manage all functions, schedule lighting, and create custom scenes using the Aitek Smart application on your smartphone. The bulb operates on a bivolt range of 90-250V, ensuring broad compatibility and energy efficiency.



Image 1.1: The AITEK ALPHA-800 Smart LED Bulb highlighting its key features: 2.4 GHz Wi-Fi connectivity, 9W power, and compatibility with Amazon Alexa and Google Assistant. The bulb displays a vibrant RGB color spectrum.

2. SAFETY INFORMATION

- Ensure the power is turned off before installing or removing the bulb.
- Do not use the bulb in fully enclosed fixtures, as this may affect performance and lifespan.
- Avoid exposing the bulb to direct water or high humidity.
- This device is for indoor use only.
- Do not disassemble or modify the bulb. This will void the warranty.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x AITEK ALPHA-800 RGB Smart LED Bulb
- 1x User Manual

4. SPECIFICATIONS





Image 4.1: Detailed view of the AITEK ALPHA-800 Smart LED Bulb, displaying its model number, color light type, luminous flux, power, voltage, and ANATEL certification code printed on the bulb's body.

Feature	Detail
Brand	AITEK
Model	ALPHA-800
Device Type	RGB Smart LED Bulb
Socket Type	E27
Power	9W
Voltage	90-250V (Bivolt)
Electrical Frequency	50/60Hz
Color Temperature	2700-6500K
Luminous Flux	850lm
Connectivity	Wi-Fi 2.4GHz
Compatibility	Amazon Alexa, Google Assistant
Control Application	Aitek Smart
Material	Plastic, Electronic Components
Certifications	ANATEL 08207-21-11765
Product Weight	122 g
Package Dimensions	13 x 6 x 6 cm

5. SETUP GUIDE

5.1. Physical Installation

1. **Power Off:** Before installation, ensure the power switch to the light fixture is in the OFF position.

2. **Insert Bulb:** Carefully screw the AITEK ALPHA-800 Smart LED Bulb into a standard E27 socket. Do not overtighten.
3. **Power On:** Turn the power switch to the ON position. The bulb should light up, possibly blinking, indicating it's ready for pairing.



Image 5.1: The E27 screw base of the AITEK ALPHA-800 Smart LED Bulb, ready for installation into a compatible light fixture.

5.2. App Download and Pairing

1. **Download App:** Search for "Aitek Smart" in your smartphone's app store (Google Play Store for Android or Apple App Store for iOS) and download the application.
2. **Register/Login:** Open the Aitek Smart app and register a new account or log in if you already have one.
3. **Add Device:** In the app, tap the "+" icon (usually in the top right corner) to add a new device. Select "Lighting" or "Smart Bulb" from the device list.
4. **Connect to Wi-Fi:** Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The bulb only supports 2.4GHz Wi-Fi.
5. **Confirm Blinking:** Confirm that the bulb is blinking rapidly (usually 2 times per second). If not, turn the bulb ON-OFF-ON-OFF-ON to reset it until it blinks rapidly.
6. **Pairing:** Follow the on-screen instructions in the Aitek Smart app to complete the pairing process. This typically involves entering your Wi-Fi password.
7. **Rename Device:** Once paired, you can rename the bulb to a recognizable name (e.g., "Living Room Light," "Bedroom Lamp") for easier control.

6. OPERATING INSTRUCTIONS

6.1. Basic Control via Aitek Smart App

- **Turn On/Off:** Tap the bulb icon in the app to toggle the light on or off.
- **Brightness Adjustment:** Use the slider in the app interface to adjust the brightness level from 1% to 100%.
- **Color Selection:** Access the color palette to choose from millions of RGB colors.
- **White Light Adjustment:** Adjust the white light temperature from warm white (2700K) to cool white (6500K) for different moods or tasks.

6.2. Voice Control with Alexa and Google Assistant

To enable voice control, link your Aitek Smart account with Amazon Alexa or Google Assistant:

1. **Open Assistant App:** Open the Amazon Alexa app or Google Home app.
2. **Add Device/Skill:**
 - For Alexa: Go to "Skills & Games" and search for "Aitek Smart." Enable the skill and link your Aitek Smart account.
 - For Google Assistant: Go to "Set up device" > "Works with Google" and search for "Aitek Smart." Link your Aitek Smart account.
3. **Discover Devices:** Once linked, ask your voice assistant to "Discover devices."
4. **Voice Commands:** Use commands like:
 - "Alexa, turn on [Bulb Name]."
 - "Hey Google, set [Bulb Name] to blue."
 - "Alexa, dim [Bulb Name] to 50%."
 - "Hey Google, change [Bulb Name] to warm white."

6.3. Scheduling and Scene Creation

The Aitek Smart app allows you to automate your lighting:

- **Scheduling:** Set specific times for the bulb to turn on/off, change color, or adjust brightness. For example, program the light to turn on at 6:00 AM with warm white light.
- **Scene Creation:** Create custom scenes for different activities or moods.
 - *Example 1 (Relaxation):* Set a scene with soft, warm light (e.g., 2700K) and low brightness.
 - *Example 2 (Party):* Create a dynamic scene with vibrant, changing RGB colors.
 - *Example 3 (Concentration):* Use cool white light (e.g., 6500K) for tasks or office work.



Image 6.1: A bedroom setting illuminated with a soft blue light, showcasing the bulb's ability to create specific moods and atmospheres.

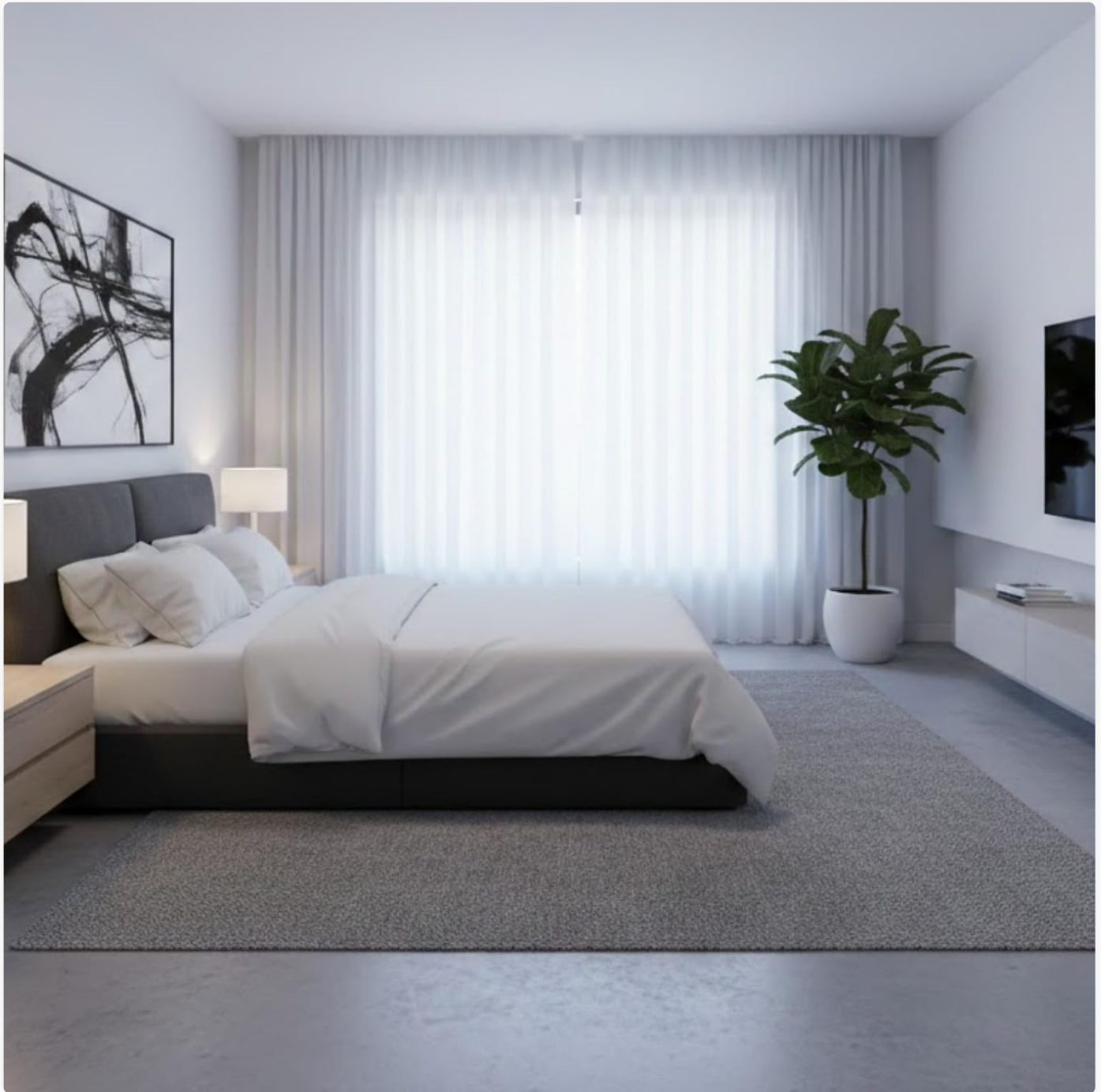


Image 6.2: A bedroom setting illuminated with bright white light, demonstrating the bulb's utility for general illumination and daily activities.

7. MAINTENANCE

- **Cleaning:** Ensure the bulb is off and cool before cleaning. Wipe gently with a dry, soft cloth. Do not use liquid cleaners or abrasive materials.
- **Firmware Updates:** Periodically check the Aitek Smart app for any available firmware updates for your bulb to ensure optimal performance and security.
- **Storage:** If storing the bulb for an extended period, keep it in a cool, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Bulb does not turn on.	No power, loose connection, bulb faulty.	Check power switch. Ensure bulb is screwed in tightly. Test bulb in another fixture.
Bulb not pairing with app.	Incorrect Wi-Fi band, incorrect password, bulb not in pairing mode, Wi-Fi signal too weak.	Ensure your phone is on 2.4GHz Wi-Fi. Verify Wi-Fi password. Reset bulb (ON-OFF-ON-OFF-ON) until it blinks rapidly. Move bulb closer to router.
Voice control not working.	Aitek Smart skill/action not linked, device not discovered, incorrect command.	Ensure Aitek Smart account is linked in Alexa/Google Home app. Ask assistant to "Discover devices." Use correct voice commands and bulb name.
Bulb disconnects frequently.	Weak Wi-Fi signal, network interference.	Move bulb closer to Wi-Fi router. Reduce interference from other 2.4GHz devices. Check router settings.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official AITEK website or contact their customer service. Specific warranty terms may vary by region and retailer. Please retain your proof of purchase for any warranty claims.

- **Manufacturer:** AITEK
- **Model:** ALPHA-800
- **ANATEL Certification:** 08207-21-11765

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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.

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