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AITEK ALPHA-811

AITEK ALPHA-811 Smart LED RGB Ceiling Light User Manual

Model: ALPHA-811

INTRODUCTION

Thank you for choosing the AITEK ALPHA-811 Smart LED RGB Ceiling Light. This manual provides detailed instructions for the safe installation, setup, operation, and maintenance of your new smart lighting device. Please read this manual thoroughly before installation and keep it for future reference.

PRODUCT OVERVIEW

Key Features

- RGBCW LED Technology:** Combines RGB (Red, Green, Blue) with Warm White and Cool White for a full spectrum of colors and adjustable white light.
- Adjustable Color Temperature:** From 2700K (warm white) to 6500K (cool white).
- High Luminous Flux:** 2200 lumens for bright and efficient illumination.
- Power Output:** 24W + 3W (RGB).
- Smart Control:** Compatible with Aitek Smart App (Android & iOS), Amazon Alexa, and Google Assistant.
- Versatile Functions:** Dimmable, multiple RGB effects, timer, group control, and custom scenes.
- Recessed Installation:** Designed for flush mounting in ceilings.
- Wide Voltage Range:** Operates on 100V to 265V.
- Long Lifespan:** Approximately 30,000 hours.
- Robust Protection:** Electrical resistance up to 2500V, surge protection up to 1000V.

Package Contents

- 1 x AITEK ALPHA-811 Smart LED RGB Ceiling Light
- 1 x Remote Control
- 1 x Installation Kit
- 1 x User Manual



Figure 1: AITEK ALPHA-811 Smart LED RGB Ceiling Light and its remote control.

SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the product:

- Always disconnect power at the circuit breaker before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician if you are unsure.
- Do not attempt to modify or disassemble the light fixture.
- Ensure the voltage supply matches the product's specifications (100-265V).
- Keep the product away from water and high humidity.
- Do not operate the light if it is damaged.

INSTALLATION

Tools Required

- Screwdriver (Phillips head)
- Wire strippers
- Drill (if creating a new opening)
- Measuring tape
- Pencil
- Safety glasses

Installation Steps

1. **Turn off Power:** Locate the circuit breaker for the room where you will install the light and turn off the power. Verify power is off using a voltage tester.
2. **Prepare Opening:** If replacing an existing fixture, remove it. If installing in a new location, mark and cut a circular opening in the ceiling with a diameter appropriate for the 30cm recessed light.
3. **Connect Wiring:** Carefully connect the household electrical wires to the light fixture's wires. Typically, this involves connecting live to live, neutral to neutral, and ground to ground. Use wire nuts from the installation kit to secure connections.
4. **Secure Fixture:** Gently push the light fixture into the ceiling opening. The spring clips on the sides of the fixture will hold it securely in place.
5. **Restore Power:** Once the fixture is securely installed, turn the power back on at the circuit breaker.



Figure 2: Rear view of the light with mounting bracket and wiring.



Figure 3: Detailed view of the recessed mounting mechanism.

SETUP

1. App Installation

- Download the 'Aitek Smart' app from the Apple App Store (for iOS) or Google Play Store (for Android).
- Register for a new account or log in if you already have one.

2. Pairing with Aitek Smart App

1. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network.
2. Turn the light on and off three times rapidly (on-off-on-off-on). The light should start blinking rapidly, indicating it's in pairing mode.
3. Open the Aitek Smart app, tap '+' to add a device, and select 'Lighting' or 'Ceiling Light'.
4. Follow the on-screen instructions to connect the light to your Wi-Fi network.
5. Once connected, you can rename the device and control it via the app.

3. Connecting to Voice Assistants (Alexa / Google Assistant)

- **For Amazon Alexa:** Open the Alexa app, go to 'Skills & Games', search for 'Aitek Smart', enable the skill, and link your Aitek Smart account. Then, 'Discover Devices'.
- **For Google Assistant:** Open the Google Home app, tap '+' > 'Set up device' > 'Works with Google', search for 'Aitek Smart', and link your account.

OPERATION

Remote Control Functions

The included remote control allows for basic operation without the app or voice assistants.





Figure 4: Remote Control for AITEK ALPHA-811.

- **ON/OFF:** Turns the light on or off.
- **Brightness +/-:** Adjusts the light intensity.
- **Color Temperature +/- (K):** Adjusts between warm white and cool white.
- **RGB/Mode:** Cycles through RGB colors and dynamic lighting modes.
- **Setup:** Used for pairing or resetting the light.
- **Timer:** Sets a timer for the light to turn off.
- **Night Mode:** Activates a low-brightness, warm light setting.

App Control Functions

The Aitek Smart app provides full control and advanced features:

- **Power On/Off:** Remote control of the light.
- **Brightness & Color Adjustment:** Precise control over brightness, color temperature, and RGB colors.
- **Scene Modes:** Choose from pre-set scenes or create custom lighting scenes.
- **Timer & Schedule:** Set schedules for the light to turn on/off automatically.
- **Group Control:** Control multiple Aitek Smart lights simultaneously.
- **Automation:** Create smart automations based on conditions like time, weather, or other smart devices.

Voice Control Commands

Once connected to Alexa or Google Assistant, use commands like:

- "Alexa/Hey Google, turn on [Light Name]."
- "Alexa/Hey Google, set [Light Name] to 50% brightness."
- "Alexa/Hey Google, change [Light Name] to blue."
- "Alexa/Hey Google, set [Light Name] to warm white."



Figure 5: Light installed in a kitchen setting.



Figure 6: Light installed in a bedroom, controlled by remote.

MAINTENANCE

Cleaning

- Ensure the power is off before cleaning.
- Wipe the surface of the light fixture with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as they may damage the finish.

Storage

If storing the light for an extended period, keep it in its original packaging in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose wiring; faulty fixture.	Check circuit breaker. Ensure wiring is secure. Contact support if issue persists.
Cannot connect to Wi-Fi/App.	Incorrect Wi-Fi password; 5GHz network; light not in pairing mode; weak signal.	Ensure 2.4GHz Wi-Fi. Re-enter password. Put light into pairing mode (on-off-on-off-on). Move closer to router.
Remote control not working.	Dead batteries; remote out of range; obstruction.	Replace batteries. Ensure clear line of sight to the light. Move closer to the light.
Voice control not responding.	Incorrect voice command; skill not enabled; internet connection issue.	Use correct commands. Verify Aitek Smart skill is enabled and linked in Alexa/Google Home app. Check internet connection.

SPECIFICATIONS

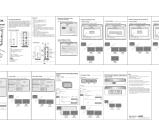
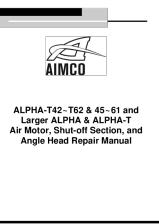
Feature	Specification
Brand	AITEK
Model Number	ALPHA-811
Light Type	LED RGB + Warm White + Cool White (RGBCW)
Wattage	24W + 3W (RGB)
Luminous Flux	2200 lm
Color Temperature	2700K to 6500K (Adjustable)
Operating Voltage	100V to 265V
Lifespan	30,000 hours
Operating Temperature	-25 °C to 45 °C
Dimmable	Yes
Installation Type	Recessed (Plafon)
Product Dimensions	30 cm (Diameter) × 2.3 cm (Height)
Product Weight	800 g
Material	Plastic
Electrical Resistance	Up to 2500 V
Surge Protection	Up to 1000 V
Compatible App	Aitek Smart (Android & iOS)

Feature	Specification
Voice Assistants	Amazon Alexa, Google Assistant

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact AITEK customer service through their official website or the Aitek Smart app. Please have your model number (ALPHA-811) and purchase details ready when contacting support.

Related Documents - ALPHA-811

 <p>Паспорт IP-камеры Аитек ПРО IPe-OP</p>	<p>Aitek PRO IPe-OP IP Camera Passport and Technical Specifications</p> <p>This document provides the passport and technical specifications for the Aitek PRO IPe-OP IP camera. It details the product description, package contents, technical characteristics, dimensions, transportation and storage guidelines, and warranty information.</p>
 <p>Паспорт IP-камеры Аитек ПРО IPe 2.1mm</p>	<p>Aitek PRO IPe 2 Mp Starvis 2.1mm IP Camera Passport</p> <p>Passport document for the Aitek PRO IPe 2 Mp Starvis 2.1mm IP camera, detailing technical specifications, operating conditions, warranty information, and manufacturer details.</p>
	<p>Aitek USB-C Triple Display Docking Station: User Manual & Setup Guide</p> <p>Comprehensive guide for the Aitek USB-C Triple Display Docking Station (DK0801). Learn about its features, port connections, and how to configure triple monitor setups for Mac, Windows, Chrome OS, and Android devices. Includes troubleshooting FAQ.</p>
 <p>ALPHA-T42-T62 & 45-61 and Larger ALPHA & ALPHA-T Air Motor, Shut-off Section, and Angle Head Repair Manual</p>	<p>AIMCO Air Motor, Shut-off Section, and Angle Head Repair Manual</p> <p>Comprehensive repair manual for AIMCO ALPHA-T42~T62, 45~61, and larger ALPHA & ALPHA-T series air motors, shut-off sections, and angle heads. Includes tools, fixtures, disassembly, reassembly, inspection, and maintenance procedures.</p>

 <p>Паспорт IP-камеры Aitek PRO</p> <p>IPe-OP</p> <p>Номер документа: 17</p>	<p>Aitek PRO IPe-OP IP Camera Passport and Technical Specifications</p> <p>This document provides the passport and technical specifications for the Aitek PRO IPe-OP IP camera. It details the product description, package contents, technical characteristics, dimensions, transportation and storage guidelines, and warranty information.</p>
 <p>Паспорт IP-камеры Aitek PRO</p> <p>IPr-OZ 5Mp Color ON</p> <p>Номер документа: 18</p>	<p>Aitek PRO IP Camera IPr-OZ 5Mp Color ON User Manual</p> <p>Technical specifications, features, and warranty information for the Aitek PRO IPr-OZ 5Mp Color ON IP camera. This document details the camera's capabilities, including its resolution, image sensor, video compression, smart functions, and operating conditions.</p>