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APPECK C5111-B

APPECK Permanent Outdoor Lights (Model C5111-B) User Manual

200ft with 144 LED Lights, Smart RGBW Eaves Lights

1. PRODUCT OVERVIEW

The APPECK Permanent Outdoor Lights (Model C5111-B) are designed to provide versatile and durable outdoor lighting for your home. Featuring 144 RGBW LED lights over 200 feet, these smart lights offer extensive color customization, scene modes, and smart control options. They are built to withstand various weather conditions, ensuring year-round performance.



Figure 1: APPECK Permanent Outdoor Lights illuminating a house with various colors.

2. WHAT'S IN THE BOX

- 200ft Permanent Outdoor Lights Set (x1)
- Power Adapter (x1)
- Control Box (x1)
- Extension Line (x2)
- Remote Control (x1, AAA batteries not included)
- Screw Pack (x4)
- Tail Plug (x1)

- User Manual (x1)

3. SETUP AND INSTALLATION

3.1 Important Connection Reminder

The app displays "Actual Point 144" which refers to the maximum number of lights supported by a single circuit, not the total number of lights in your set. To ensure stable operation and prevent power/signal issues, the light strings must be connected in a "parallel branch" configuration using the included Y-shaped connector. This design protects the light strings and the control box.

3.2 Installation Methods

The lights can be installed using two primary methods:

1. **Adhesive-Backed Installation:** Peel off the protective film from the back of each light and firmly press it onto a clean, dry surface for 5 seconds.
2. **Screw Fixing Installation:** For enhanced security, use the provided screws to fix each light in place.

Easy Installation

Stable and secure, no need to disassemble all year round

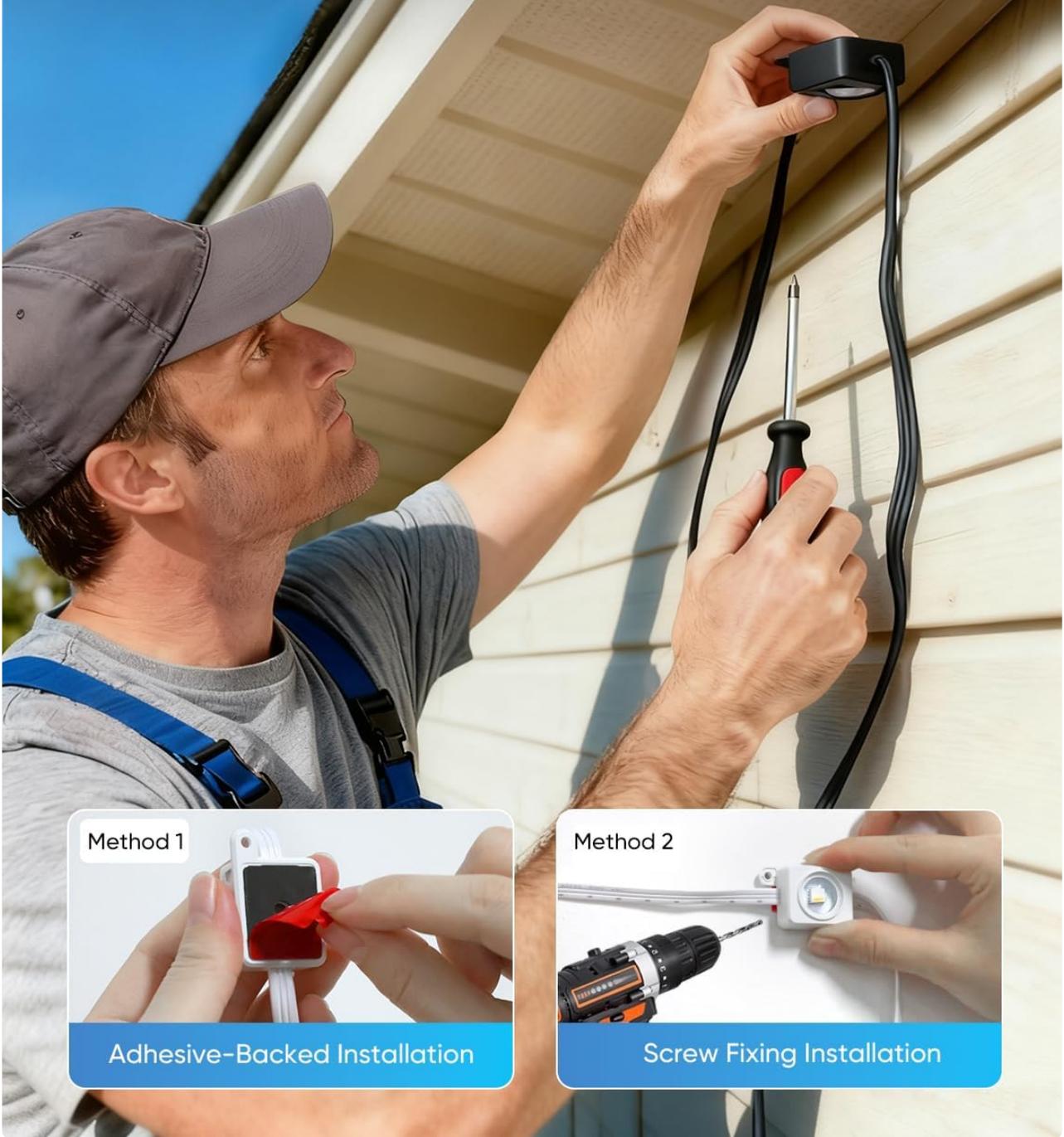


Figure 2: Illustration of adhesive-backed and screw fixing installation methods.

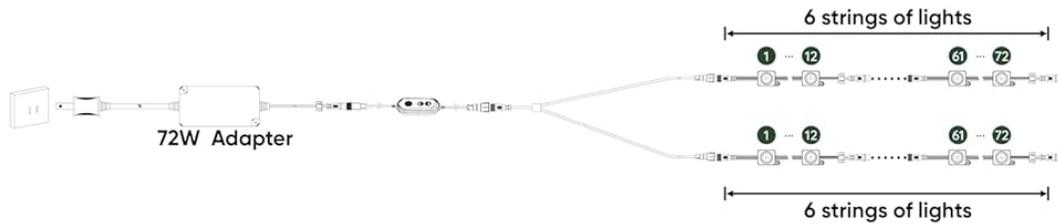
3.3 Y-Connection Steps (Model C5111-B)

Follow these steps for proper Y-connection:

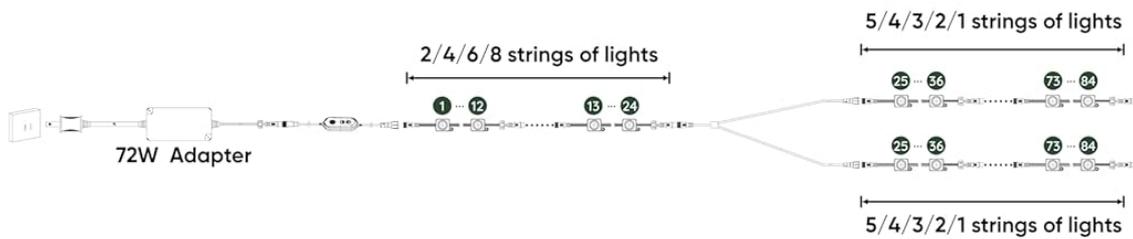
- **Behind Controller:** Connect the 72W adapter to the control box. Then, use the Y-connector to split the output into two branches, each supporting up to 6 strings of lights.
- **Behind Light String:** The LED string behind the Y-connector is a single-point controller with two LEDs. Ensure connections are secure.

Y-connection Steps for C5111-B

Behind Controller



Behind Light String



Note:

- 1.The maximum number of light beads displayed on the APP is 144.
- 2.The LED string behind the Y-connector is a single-point controller with two LEDs.

Figure 3: Y-connection diagram for Model C5111-B.

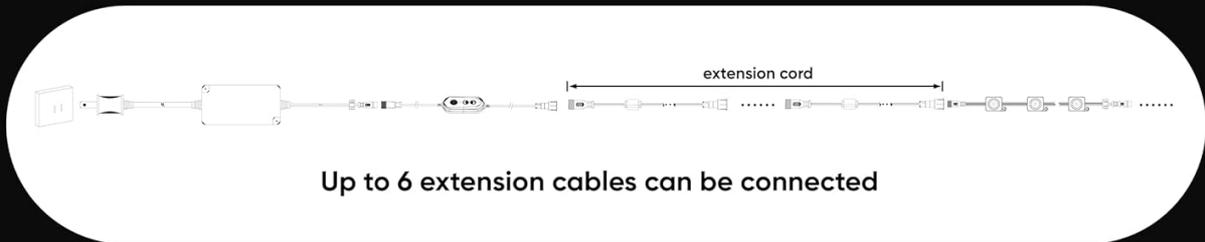
3.4 Extension Cable Installation

Extension cables can be used to increase the distance between components:

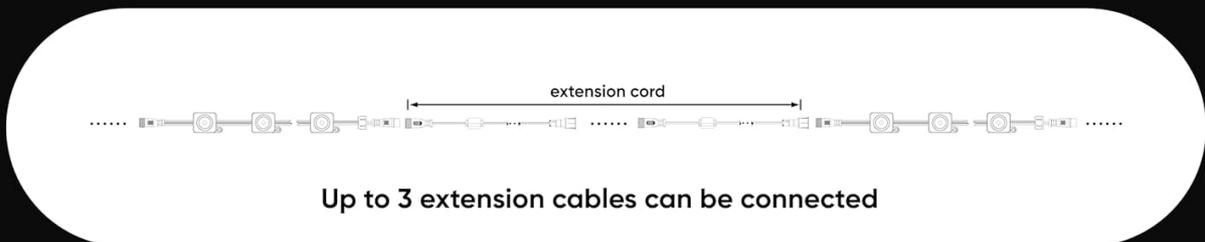
- **Between controller and first string of lights:** Up to 6 extension cables can be connected.
- **Between two strings of lights:** Up to 3 extension cables can be connected.
- **Complete set of lights:** Up to 6 extension cables can be connected in total for the entire setup.

Extension Cable Installation

Between controller and first string of lights



Between two strings of lights



Complete set of lights

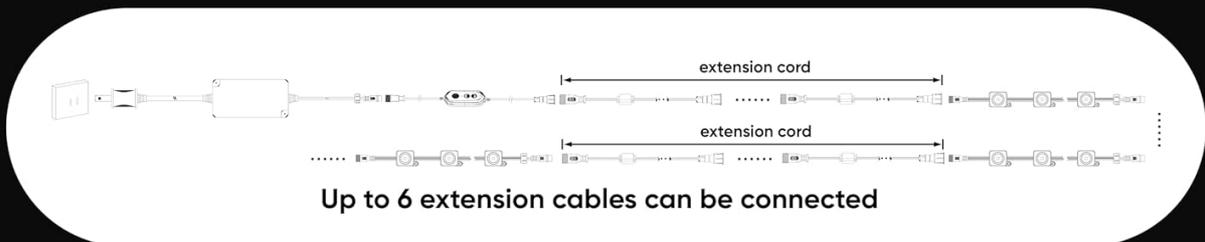


Figure 4: Extension cable connection options.

3.5 Wi-Fi Connection and App Setup

To connect your lights to the Smart Life App:

1. Plug in the power adapter.
2. Press and hold the button on the control box for 6 seconds until the lights flash red.
3. Open the Smart Life App (ensure your phone is connected to a 2.4G Wi-Fi network).
4. Follow the in-app instructions to add and configure your APPECK Permanent Outdoor Lights.

4. OPERATING INSTRUCTIONS

4.1 Smart Life App Control

The Smart Life App provides comprehensive control over your lights:

- **Scene Programming:** Choose from 111 pre-set scene modes or create and save your own custom lighting effects.
- **Color & Brightness Adjustment:** Adjust individual light colors, toggle on/off, and fine-tune brightness.

- **Scheduling:** Set schedules for automatic on/off times and scene changes.
- **Grouping:** Group multiple APPECK light sets to synchronize their effects with one click.

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Video 1: Official product video demonstrating APPECK Smart RGBW Permanent Outdoor Lights and their features.

4.2 Voice Control

The lights are compatible with Alexa and Google Assistant, allowing you to manage them using voice commands.

4.3 Remote Control

A remote control is included for convenient operation. (Note: AAA batteries are not included for the remote control).

4.4 Music Synchronization

Utilize the built-in microphone or your phone's microphone to sync the lights with music, creating dynamic lighting effects for parties and events.

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Video 2: Official product video showcasing the year-round glow and various lighting modes of APPECK Permanent Outdoor Lights.

5. KEY FEATURES

- **Customized RGBW Lighting:** Offers 16 million color combinations and 111 scene modes for diverse ambiance.
- **Outdoor Durability & Waterproof:** IP67 rated, suitable for extreme weather (-25°C to 50°C), with a 50,000-hour lifespan.
- **Individual Control per Light:** Each light's color can be controlled independently, supporting RGB and warm white adjustment (2700K to 3200K).
- **High Brightness:** Delivers 40lm of brightness per light with vibrant LED beads and a wider illumination range.
- **Dedicated for Track Kits:** Ideal for installation with track-mounts on eaves, walls, and courtyards, ensuring a neat appearance.

IP67 Waterproof

Suitable for extreme weather -25°C to 50°C



Rain



Lightning



Snowstorm



Figure 5: Durability of APPECK lights in various weather conditions.

Individual Control for Each Bread

1600 million colors create a romantic atmosphere for you



Figure 6: Individual color control for each light.

High-Brightness Outdoor Light

Brighter color, larger illumination range



Figure 7: High brightness and wider illumination angle.

6. SPECIFICATIONS

Feature	Detail
Brand	APPECK
Model Number	C5111-B

Length	200ft
Number of LED Lights	144
Light Source Type	LED (RGBW)
Brightness per Light	40lm
Power Source	Corded Electric (DC 36V, 72W)
Waterproof Rating	IP67
Operating Temperature	-25°C to 50°C
Lifespan	50,000 hours
Control Methods	App, Remote, Voice (Alexa, Google Assistant)
Wi-Fi Compatibility	2.4G Wi-Fi network required
Material	Plastic

7. TROUBLESHOOTING

- **Lights not turning on:** Ensure all connections are secure, the power adapter is plugged in, and the control box is receiving power. Verify the parallel branch connection using the Y-connector.
- **Lights not responding to app/remote:** Check if the lights are properly connected to the 2.4G Wi-Fi network. Ensure the remote control has working AAA batteries. Try resetting the control box by holding the button for 6 seconds until lights flash red, then re-pair with the app.
- **Inconsistent light display:** Confirm that the light strings are connected in the recommended parallel branch configuration to ensure stable power and signal distribution.
- **Voice control issues:** Ensure your Alexa or Google Assistant device is properly linked to the Smart Life App and the lights are recognized. Check your internet connection.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your APPECK Permanent Outdoor Lights, please refer to the contact details provided in your product packaging or visit the official APPECK website. Keep your purchase receipt for warranty claims.