

ASAHOM S106D

ASAHOM Permanent Outdoor Lights Pro User Manual

Model: S106D | Brand: ASAHOM

1. INTRODUCTION

Thank you for choosing the ASAHOM Permanent Outdoor Lights Pro. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your lighting system. Please read it thoroughly before use and retain it for future reference.



Image: The ASAHOME Permanent Outdoor Lights Pro packaging, remote control, and a close-up of the individual LED lights.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, injury, or property damage.

- Always disconnect power before installation, maintenance, or troubleshooting.
- Ensure all connections are secure and waterproof, especially in outdoor environments.
- Do not install on rainy or hot days. Extreme temperatures or slippery conditions increase the risk of falls during installation.
- Operate the lights within the specified temperature range of -4°F to 113°F (-20°C to 45°C).
- Keep the power adapter and control box in a location protected from direct water exposure, despite their IP67 rating.
- Do not attempt to modify or repair the product. Contact customer support for assistance.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 200ft White Permanent Outdoor Lights (1 unit)
- 6ft Extension Cords (6 units)
- Signal Amplifier (2 units)
- Waterproof Wire Connector (1 unit)
- Adhesive (12 units)
- Screw Clips (60 units)
- Screw Pack (18 units)
- Remote Control (1 unit, AAA battery NOT included)
- T-splitter (1 unit)
- Driver Module (1 unit)
- Ruler (1 unit)
- User Manual (1 unit)

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your ASAHOM Permanent Outdoor Lights Pro:

1. **Preparation:** Disconnect the power. Clean the installation surface thoroughly with a tissue and alcohol to ensure optimal adhesion. Allow the surface to dry completely.
2. **Placement:** Install the lights approximately 2-4 inches (5-10 cm) away from the wall surface, typically on eaves.
3. **Adhesion:** Peel off the VHB gum sticker from the back of each light. Firmly press each light against the cleaned surface for about 8 seconds to ensure strong adhesion.
4. **Secure with Clips:** Attach the provided screw clips to each LED light for additional security. Use the screw pack to fasten them.
5. **Connecting Light Segments:** Splice light segments using the white waterproof connectors every 16.4ft (5m). Ensure the connections are tight and secure by screwing in the cap.
6. **Extension and Signal Amplification:** If extending the light string beyond 150ft, the included driver module is required. For continuous connection of 4 pieces of 6ft extension cords, a signal amplifier needs to be connected before the first extension cord to ensure signal stability.
7. **Pre-Installation Test:** Before final installation, test whether the lights function normally. This helps identify any issues before permanent mounting.

Newest Upgraded APP

Create the perfect scene to match any occasion.
Change the color of each light individually.



2.4G WiFi
APP Control



Voice
Control



16 Million
Colors



customize each
light individually



100 Preset
Scenes



DIY
Scene



10 Music
Modes



Timer



Image: Visual guide illustrating the step-by-step installation process, including cleaning, positioning, adhering, and connecting light segments.

Freedom to DIY

When you extend the light string beyond 150ft, this driver module(B0DJ71BT1K) is required, available in our store.

[Note: Please begin all installation and connection steps after power off to avoid damage]

Cuttable



Driver Module



*100ft version and 150ft version both do not include the driver module (B0DJ71BT1K)

Spliceable

*100ft version does not include the water-proof wire connector(B0D9W3RP7M), available in our store.



Extendable

200FT

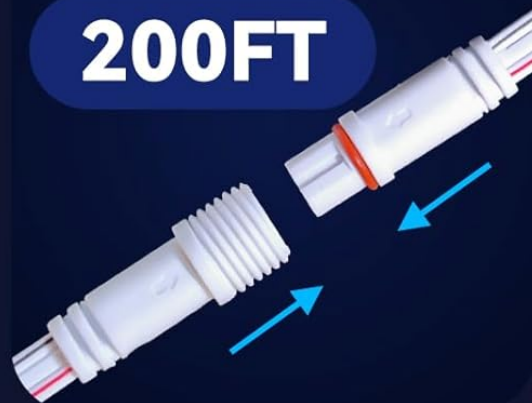


Image: Illustration of the lights' modular design, highlighting their cuttable, spliceable, and extendable nature, along with the driver module.

5. OPERATING INSTRUCTIONS

Your ASAHOM Permanent Outdoor Lights Pro offers multiple control methods:

5.1 Smart Life App Control

Download the Smart Life app from your device's app store. Follow the in-app instructions to pair your lights. The app

provides extensive features:

- **100 Scene Modes:** Choose from a variety of preset lighting effects for any occasion.
- **16 Million Colors:** Select any color from the spectrum.
- **Individual LED Control:** Adjust the color of each LED light independently.
- **10 Music Modes:** Sync lights to music, with adjustable microphone sensitivity for real-time effects.
- **DIY Function:** Create and save your own custom lighting patterns.
- **Timer Function:** Schedule lights to turn on/off at specific times.
- **Adjustable White Light:** Dedicated warm white (2700K) and cool white (6500K) options for daily and accent lighting.

5.2 Remote Control

Use the included remote control for convenient access to various functions, including ON/OFF, brightness adjustment, color changes, and scene selection. Ensure AAA batteries are inserted (not included).

5.3 Control Box

The physical control box allows direct control over the entire light strand. You can change the color, adjust brightness, reset, and turn the lights ON/OFF without connecting to the app.

5.4 Voice Control

Pair your lights with Amazon Alexa or Google Assistant via the Smart Life app for hands-free voice control.

4 Control Methods

Change the color, adjust brightness, ON/OFF, Reset and turn on Remote pairing via the control box



Image: Overview of the four control methods available for the lighting system: Smart Life App, Voice Devices (Alexa, Google Assistant), Control Box, and Remote Controller.

6. MAINTENANCE

The ASAHOM Permanent Outdoor Lights Pro are designed for durability and minimal maintenance:

- **Durability:** Constructed with anti-UV material, these lights are built to withstand outdoor conditions.
- **Lifespan:** The LED lights have an estimated lifespan of up to 50,000 hours.
- **Waterproof Rating:** The LED lights, power adapter, and control box are all IP67 waterproof, providing

protection against dust and temporary immersion in water.


- **Cleaning:** Periodically clean the light surfaces with a soft, damp cloth to remove dirt and debris. Ensure power is disconnected before cleaning.
- **Connection Check:** Regularly inspect all connections for tightness and ensure waterproof caps are securely fastened.

Built for Harsh Environment


Anti-UV material and IP67 waterproof rating




Anti-UV material




50,000hrs



Durability



-4°F to 113°F
(-20°C-45°C)



LED
IP67



Control Box
IP67



Adapter
IP67

Image: Icons highlighting the product's robust features for outdoor environments, including UV resistance, long lifespan, and IP67 waterproofing for key components.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty power adapter.	Check power supply. Ensure all connections are secure. Test power adapter.
Lights flicker or some sections are off.	Poor connection, signal interference, insufficient power for extended length.	Verify all waterproof connectors are tight. Ensure 2.4G WiFi signal is strong. Use signal amplifier for lengths beyond 150ft.
App cannot connect to lights.	Incorrect Wi-Fi network (only 2.4G supported), incorrect pairing mode, app glitch.	Ensure your phone is connected to a 2.4G Wi-Fi network. Reset the lights to pairing mode. Restart the Smart Life app.
Lights fall off after installation.	Improper surface preparation, insufficient pressure during adhesion, clips not used.	Ensure surface is clean and dry before applying adhesive. Apply firm pressure for 8 seconds. Use all provided screw clips for added security.
Remote control not working.	No batteries, dead batteries, remote not paired.	Insert AAA batteries. Replace old batteries. Follow instructions to pair the remote with the control box.

8. SPECIFICATIONS

Feature	Detail
Model Number	S106D
Light Type	RGBCW LED (5-in-1 RGB+WW+CW)
Number of Lights	144
Total Length	200ft (extendable, max 200ft)
Brightness	Up to 60lm per light (4000K white)
Color Temperature	2700K-6500K (adjustable white)
Waterproof Rating	IP67 (LEDs, power adapter, control box)
Operating Temperature	-4°F to 113°F (-20°C to 45°C)
Lifespan	50,000 hours
Control Methods	Smart Life App, Remote Control, Control Box, Voice Control (Alexa, Google Assistant)
Voltage	36 Volts (DC)
Wattage	120 watts

9. WARRANTY AND SUPPORT

ASAHOM provides a 3-year warranty for its Permanent Outdoor Lights Pro. For warranty claims, technical support, or any inquiries regarding your product, please contact ASAHOM customer service through the retailer's platform or

the official ASAHOM website. Please have your purchase details and model number (S106D) ready when contacting support.