Avatar Controls BMSL32

Smart Icicle Lights User Manual

Model: BMSL32 | Brand: Avatar Controls

1. Safety Information

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- The output voltage of these Christmas lights is 24V, which is lower than the standard safe voltage of 36V, ensuring safe use.
- The LED icicle lights will not overheat even after working for a long time and are safe to touch.
- With IP44 waterproof rating, these plug-in icicle fairy lights are suitable for both indoor and outdoor use. However, ensure the power adapter is protected from direct water exposure.
- Do not connect the lights to the power supply while they are in the packaging.
- Do not use the product if any part of the light string or power cord is damaged.
- Keep out of reach of children.

2. Package Contents

Verify that all items are present in your package:

- 1 x 99ft 897 LED Smart Icicle Lights
- 1 x UL Listed Plug
- 1 x Remote Control
- 1 x User Manual

3. Specifications

Feature	Description
Model Number	BMSL32
Length	99 feet
LED Quantity	897 LEDs
Color	Multicolor (RGB)
Power Source	Corded Electric
Voltage	24 Volts
Control Method	App Control, Remote Control, Button Control
Connectivity	Bluetooth
Water Resistance	IP44 Waterproof
Operating Temperature	Between -150C and -400C (50F and -400F)

4. Setup

Follow these steps to set up your Smart Icicle Lights:

1. **Unpack the Lights:** Carefully remove the icicle lights from their packaging. Untangle the strands gently to avoid damage.
2. **Plan Placement:** Determine where you want to hang the lights. Consider the 99ft length and the 16.5ft extra cable for connecting to an outlet.
3. **Secure Installation:** Hang the icicle lights securely along eaves, railings, or other desired surfaces. Ensure they are firmly attached to prevent falling due to wind or other elements.
4. **Connect to Power:** Plug the UL Listed plug into a suitable outdoor power outlet. Ensure the outlet is protected from weather if not already rated for outdoor use.

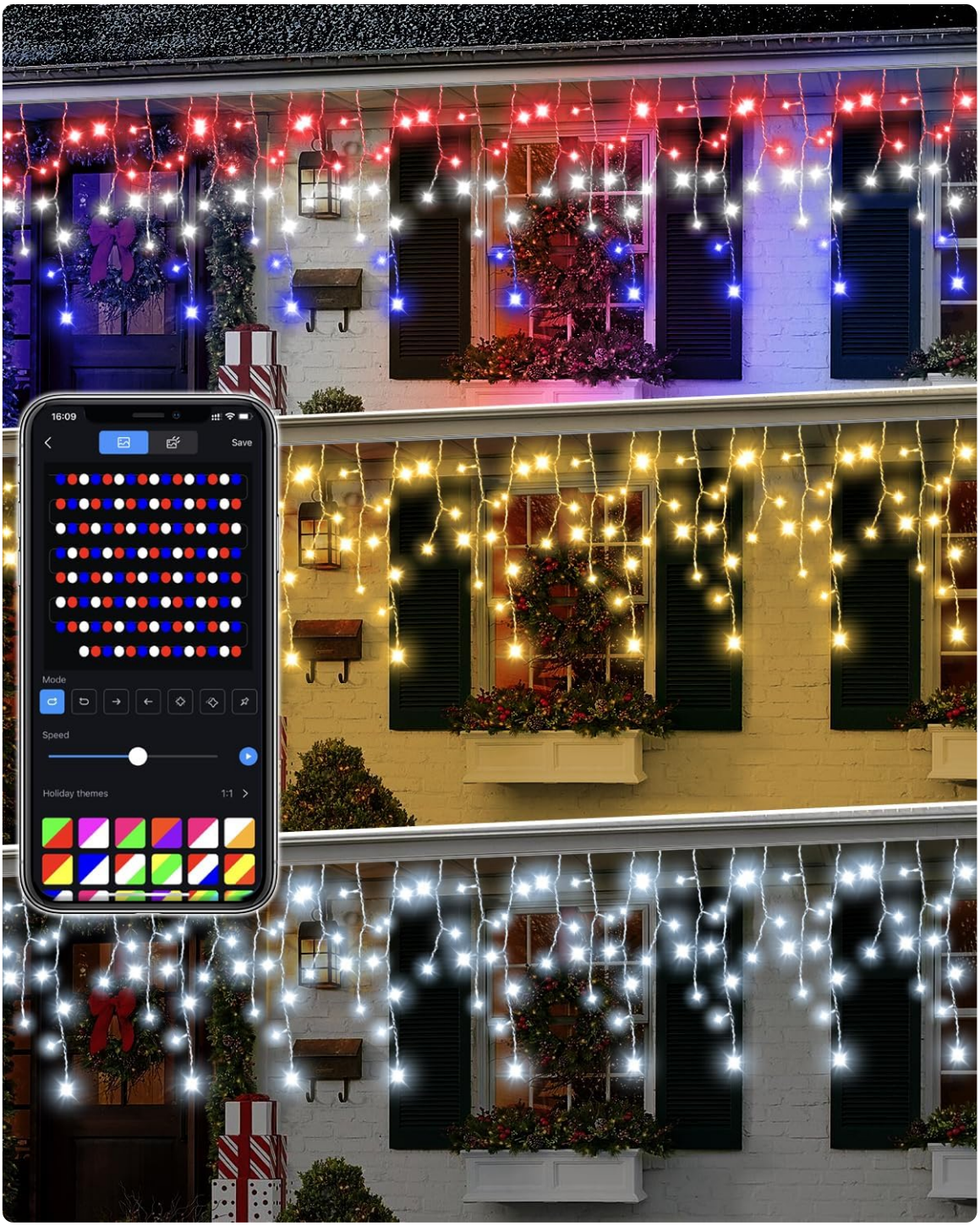


Image: Smart Icicle Lights installed on a house, demonstrating their coverage and aesthetic appeal.



Image: Smart Icicle Lights illuminating an outdoor gathering, set to patriotic red, white, and blue colors.

5. Operating Instructions

Your Smart Icicle Lights offer multiple control options for a customizable lighting experience:

5.1. Smart APP Control (Hello Fairy App)

The primary method for controlling your lights is via the Bluetooth-enabled 'Hello Fairy' app. No account creation is required for basic functionality.

1. **Download the App:** Search for 'Hello Fairy' in your device's app store and install it.
2. **Connect via Bluetooth:** Open the app. It will automatically search for nearby Bluetooth devices. Select your icicle lights from the list to connect.

3. **Explore Preset Scenes:** The app features over 58 stunning preset scenes for various occasions. Navigate through these options to instantly change the light display.
4. **DIY Lighting:** Use the DIY function to customize colors, shades, and speeds. You can select individual segments of the lights to set specific colors, allowing for limitless creative displays.
5. **Dimmable & Color Changing:** Adjust the brightness of the lights with stepless dimming controls. Easily change colors to any of the 16 million vivid options available.
6. **Music Mode:** Activate the music mode within the app. The lights will synchronize and dance to the rhythm of music playing from your device or environment, enhancing your holiday and party atmosphere.
7. **Timer Function:** Create customized timers to automatically turn your icicle lights on or off at specific times. This feature helps conserve energy and provides convenience.
8. **Group Control:** If you have multiple sets of Avatar Controls smart LED icicle lights, you can control up to eight sets together via the app, creating a unified lighting display.

Video: Demonstration of smart icicle lights changing colors and effects via app control. This video highlights the dynamic capabilities and ease of use through the mobile application.



Image: The Hello Fairy app interface, illustrating the intuitive controls for customizing light colors and patterns.

Video: A short clip showcasing the dynamic scene capabilities of the smart icicle lights, demonstrating various pre-programmed effects.



Image: Icicle lights synchronized to music, creating a vibrant and festive atmosphere for outdoor entertainment.



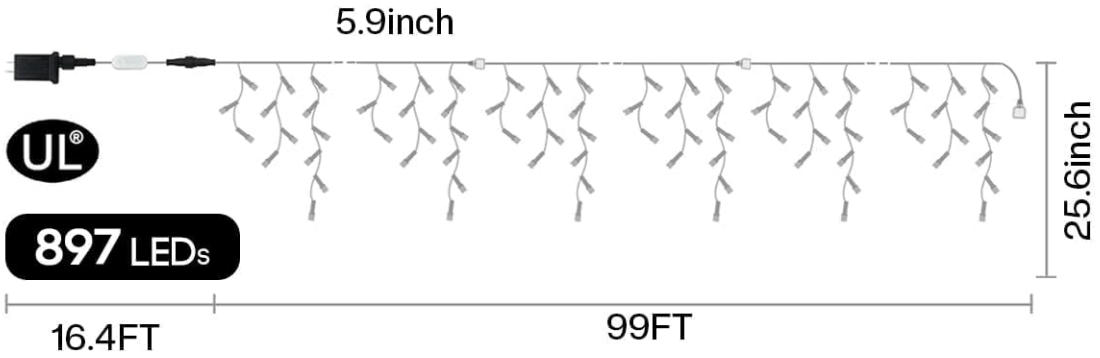


Image: Group control functionality demonstrated, showing how multiple light sets can be managed simultaneously via the app.



Image: The timer and memory function of the lights, allowing users to schedule on/off times and retain settings.

5.2. Remote Control

The included remote control provides convenient access to various light functions without needing the app.

- Use the remote to switch between colors, adjust brightness, and select from a range of pre-programmed effects.
- Point the remote directly at the light controller for optimal response.

5.3. Button Control

A physical button on the controller allows for basic operation if the app or remote is not available.

- Press the button to cycle through different lighting modes or turn the lights on/off.

6. Maintenance

To ensure the longevity and optimal performance of your Smart Icicle Lights:

- **Cleaning:** Gently wipe the lights with a soft, damp cloth to remove dust or dirt. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store the lights in a cool, dry place, away from direct sunlight and extreme temperatures. Carefully coil the light string to prevent tangling and damage.
- **Weather Protection:** While the lights are IP44 waterproof, it is recommended to protect the power adapter and controller from prolonged exposure to heavy rain or snow to extend their lifespan.

7. Troubleshooting

If you encounter issues with your Smart Icicle Lights, refer to the following common solutions:

- **Lights Not Turning On:**
  - Ensure the power plug is securely connected to a working outlet.
  - Check if the power adapter or any part of the light string is visibly damaged.
  - Verify that the lights are not set to a timer that keeps them off.
- **App Connectivity Issues:**
  - Ensure Bluetooth is enabled on your smartphone.
  - Make sure your phone is within close proximity to the light controller (Bluetooth range).
  - Restart the 'Hello Fairy' app and try reconnecting.
  - Unplug the lights for 10 seconds and plug them back in to reset the controller.
- **Lights Not Syncing (Multiple Sets):**
  - Ensure all light sets are properly connected and within Bluetooth range of your controlling device.
  - Verify that all sets are added to the same group within the 'Hello Fairy' app for synchronized control.
- **Inconsistent Light Display (Some sections off/different color):**
  - Check for any physical damage to the light strands or individual LEDs.
  - Perform a power cycle (unplug and replug) to reset the lights.
  - If using DIY mode, ensure all segments are correctly configured in the app.

8. Warranty and Support

For warranty information and customer support, please refer to the contact details provided on the product packaging or the official Avatar Controls website. Keep your purchase receipt for warranty claims.

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