

MERTTUM SP003-W

MERTTUM Aurora Galaxy Projector Night Light User Manual

Model: SP003-W

1. INTRODUCTION

Thank you for purchasing the MERTTUM Aurora Galaxy Projector Night Light. This device is designed to create a captivating celestial atmosphere in any room, featuring aurora, star, and moon projections, a Bluetooth speaker, and soothing white noise functions. Please read this manual carefully before use to ensure proper operation and to maximize your experience with the product.



Image 1.1: MERTTURM Aurora Galaxy Projector Night Light

2. SAFETY GUIDELINES

To prevent damage to the product or injury to yourself or others, please observe the following safety precautions:

- Do not disassemble or modify the device. Unauthorized modifications may void the warranty and pose safety risks.
- Keep the device away from water, moisture, and high temperatures.
- Use only the provided power adapter and cable.
- Avoid direct eye exposure to the laser projection.
- Keep out of reach of children and pets to prevent accidental ingestion of small parts or misuse.
- Ensure the device is placed on a stable, flat surface to prevent it from falling.

3. PACKAGE CONTENTS

Please check the package to ensure all items are present:

- MERTTURM Aurora Galaxy Projector Night Light (1 unit)

- Remote Control (1 unit)
- Type-C USB Cable (1 unit)
- User Manual (1 unit)



Image 3.1: Package Contents and Product Dimensions

4. PRODUCT OVERVIEW

Familiarize yourself with the main components and controls of your projector:



Image 4.1: Product Components

- **Nebula Cloud Projector:** Projects dynamic aurora light effects.
- **Moon Projector:** Projects a crescent moon image.
- **Star Projector:** Projects a field of moving stars.
- **Voice Control Button:** Activates sound-activated light mode.
- **Light Mode Button:** Cycles through different light effects.
- **ON/OFF Button:** Powers the device on or off.
- **Bluetooth Speaker:** Integrated speaker for audio playback.
- **Type-C Port:** For power connection.

5. SETUP

5.1 Power Connection

1. Connect the provided Type-C USB cable to the projector's Type-C port.
2. Plug the other end of the USB cable into a compatible USB power adapter (5V/2A recommended, not included) and then into a power outlet.
3. The projector will power on automatically or can be turned on using the ON/OFF button.

5.2 Remote Control Preparation

Before using the remote control, ensure the insulating film is removed from the battery compartment:

1. Locate the battery compartment on the back of the remote control.
2. Pull out the transparent insulating film to activate the battery.



Image 5.1: Remote Control Preparation

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- Press the **ON/OFF** button on the projector or the remote control to turn the device on or off.

6.2 Light Modes and Combinations

The projector offers 63 lighting combinations, including aurora, stars, and moon effects. You can control each element independently or combine them.

- Use the dedicated buttons on the remote control to turn the aurora, stars, or moon projections on/off.
- Press the **Light Mode** button on the projector or the remote to cycle through different aurora color modes (white, blue, green, red, and combinations).



Image 6.1: 63 Visual Lighting Combinations

6.3 Brightness and Movement Speed Adjustment

Adjust the intensity of the lights and the speed of the aurora and star movements:

- Use the **Brightness +/-** buttons on the remote control to adjust the light intensity (4 levels: 0%, 35%, 70%, 100%).
- Use the **Speed +/-** buttons on the remote control to change the movement speed of the aurora and stars.



Image 6.2: Adjustable Brightness and Speed Control

6.4 Bluetooth Speaker Function

Connect your mobile device to the projector via Bluetooth to play music.

1. Turn on the projector.
2. Enable Bluetooth on your mobile device.
3. Search for "SP003-W" in your Bluetooth device list and pair with it.
4. Once connected, you can play audio through the projector's speaker.



Image 6.3: Bluetooth 5.0 Speaker

6.5 Music Sync Flash

Activate the music sync mode to make the lights flash and change color in rhythm with your music.

- Press the **Music Sync** button (often represented by a microphone icon) on the remote control.
- The lights will now respond to the beat of the music playing through the Bluetooth speaker.

6.6 White Noise Function

The projector includes 6 soothing white noise sounds to help create a peaceful atmosphere.

- Press the **White Noise** button on the remote control to cycle through the available sounds (Stream, Insects, Water Drop, Sea, Forest Bird, Bell Tone).
- Use the **Volume +/-** buttons on the remote to adjust the white noise volume.

6 SOOTHING WHITE NOISE

Create a peaceful atmosphere for our sleeping



Stream



Insects



Water
drop



Sea



Forest
Bird



Bell
tone



30min



60min



Timer off

Automatically turned off every 4 hours to protect the device from overload.

Image 6.4: 6 Soothing White Noise Options

6.7 Timer Function

Set a timer for the projector to automatically turn off.

- Press the **30min** or **60min** button on the remote control to set the auto-off timer.
- Press the **Timer Off** button to disable the timer.
- The device also features an automatic shutdown after 4 hours to prevent overload.



6.8 Remote Control Functions

The remote control provides full functionality for the projector:

- **ON/OFF:** Power on/off.
- **Aurora ON/OFF:** Turns aurora projection on/off.
- **Star ON/OFF:** Turns star projection on/off.
- **Moon ON/OFF:** Turns moon projection on/off.
- **Brightness +/-:** Adjusts light brightness.
- **Speed +/-:** Adjusts movement speed of projections.
- **Color Cycle:** Cycles through aurora colors.
- **Music Sync:** Activates sound-activated light mode.
- **White Noise:** Cycles through white noise sounds.
- **Volume +/-:** Adjusts audio volume.
- **30min/60min/Timer Off:** Sets or cancels auto-off timer.

7. MAINTENANCE

To ensure the longevity and optimal performance of your projector, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the projector. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight.
- **Lens Care:** Avoid touching the projection lenses directly. If cleaning is necessary, use a lens cleaning cloth designed for optics.

8. TROUBLESHOOTING

If you encounter any issues with your MERTTUM Aurora Galaxy Projector, please refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Projector does not turn on.	No power or loose connection.	Ensure the USB cable is securely connected and the power adapter is plugged into a working outlet. Try a different power source.
Lights are dim or not projecting clearly.	Brightness setting is low; lens is dirty; room is too bright.	Increase brightness using the remote. Clean the projection lens. Use in a darker environment for best results.
Remote control is not working.	Insulating film not removed; battery is dead; remote is too far or obstructed.	Remove the insulating film. Replace the battery. Ensure direct line of sight to the projector and operate within range.

Problem	Possible Cause	Solution
Bluetooth cannot connect.	Bluetooth not enabled on device; projector not in pairing mode; already connected to another device.	Ensure Bluetooth is on your phone. Restart the projector and your phone. Disconnect from other Bluetooth devices.
Music Sync function not working.	Music Sync not activated; no music playing.	Press the Music Sync button on the remote. Ensure music is playing through the projector's Bluetooth speaker.

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	SP003-W
Dimensions (L x W x H)	14 x 13 x 6.6 cm (5.5 x 5.12 x 2.6 inches)
Weight	465.5 Grams
Material	Acrylonitrile Butadiene Styrene (ABS)
Light Source	LED, Laser
Control Method	Remote Control, On-device Buttons
Bluetooth Version	5.0 (Inferred from feature bullets)
Timer Settings	30 min, 60 min, 4-hour auto-off
Power Input	USB Type-C (5V/2A recommended)
Number of Light Combinations	63
White Noise Sounds	6

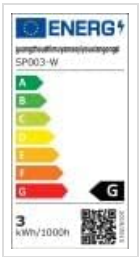


Image 9.1: Energy Label (Model SP003-W)

10. WARRANTY AND CUSTOMER SUPPORT

MERTTUM products are designed for quality and reliability. This product comes with a **120-day product warranty** from the date of purchase. If you encounter any issues or have questions regarding your MERTTUM Aurora Galaxy Projector, please contact our customer support team for assistance. For further support, please visit the official MERTTUM store on Amazon: [MERTTUM Amazon Store](#)

