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> LIUYANG Smart Galaxy Projector SK20 User Manual

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Model: SK20 | Brand: LIUYANG

1. INTRODUCTION

The LIUYANG Smart Galaxy Projector SK20 is designed to transform any room into a captivating celestial experience, featuring nebula clouds, moving ocean waves, and stars. This projector offers smart control options, including compatibility with Amazon Alexa, Google Home, and the Smart Life App, providing a versatile and immersive lighting solution for various settings.

Key Features:

- **Smart APP Control:** Seamlessly operates with Amazon Alexa, Google Home, and the Smart Life App under Wi-Fi mode, supporting both iOS and Android smartphones.
- **Voice Control:** Easily manage the projector with simple voice commands, such as "Alexa, turn on the projector," "change the color to blue," or "set the brightness to 50%." Note that the star projection is green.
- **Noise-Free Operation:** Engineered with advanced noise reduction technology to ensure silent operation, providing an undisturbed environment.
- **Flexible Timing ON/OFF:** Program the projector to automatically turn on or off at preset times, eliminating concerns about leaving it on all night.
- **Versatile Application:** Ideal for enhancing the ambiance of parties, birthdays, Christmas celebrations, memorable days, graduations, and as a thoughtful gift for family, friends, children, and teenagers.



Figure 1: The LIUYANG Smart Galaxy Projector SK20, showcasing its compact design and compatibility with smart home systems like Alexa and Google Home, controlled via a mobile application.

2. SETUP GUIDE

2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that the projector, power cable, and any included accessories are present and undamaged. The projector is designed for table mounting.

2.2 Power Connection

1. Connect the provided power cable to the projector's power input port.
2. Plug the USB end of the power cable into a compatible USB power adapter (not always included, but commonly available) and then into a standard electrical outlet. The projector operates on 240 Volts.

2.3 Positioning the Projector

- Place the projector on a stable, flat surface. The projector features small feet to help maintain balance.

- Utilize the **3 Optional Angles** of the projector to direct the projection onto a desired surface, such as a ceiling or wall.



Figure 2: Detailed view of the projector's components, including the main switch button, galaxy projection lens, laser aperture, and the mechanism for adjusting projection angles.

3. OPERATING INSTRUCTIONS

3.1 Manual Operation

- Press the **Switch Button** on the projector to turn it on or off.
- Repeatedly press the button to cycle through different color modes for the nebula and to toggle the green stars on or off.

3.2 Smart APP Control (Recommended)

For full functionality, download and install the "Smart Life" app (available on iOS and Android) on your smartphone. Follow the in-app instructions to connect the projector to your home Wi-Fi network.

- **Color Adjustment:** Use the app to precisely select and change the colors of the nebula and adjust their brightness.

- **Nebula Speed Control:** Adjust the rotation speed of the nebula effect (Quick, Slow, or Stop) via the app.
- **Timing Function:** Set custom schedules for the projector to automatically turn on or off, ensuring energy efficiency and convenience.

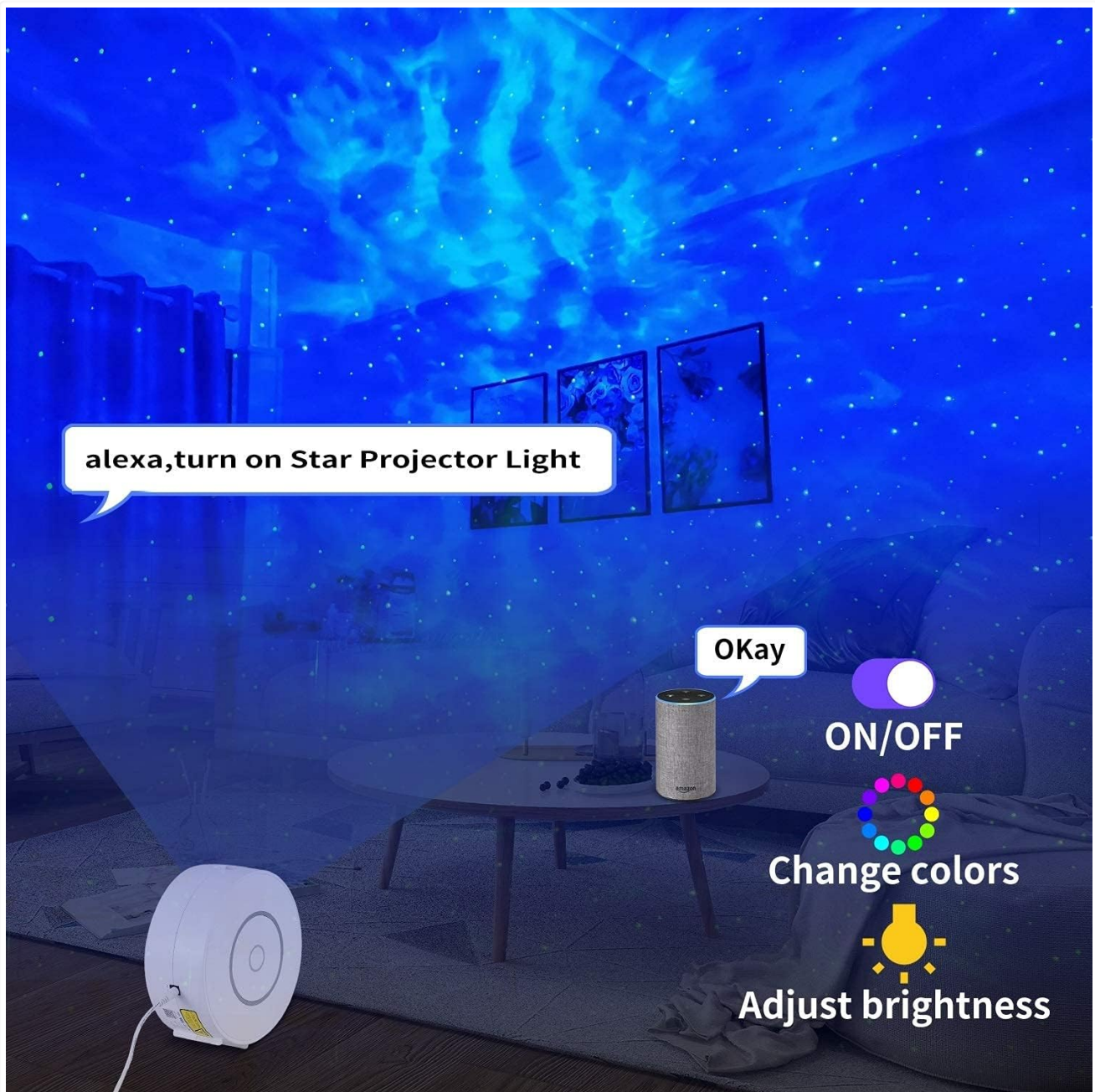


Figure 3: The projector demonstrating voice control capabilities and showing the intuitive app interface for power, color, and brightness adjustments.



Adjustable Speed of the Rotating-nebula Quick/Slow/Stop

Figure 4: The projector's ability to adjust the speed of the rotating nebula, offering options for quick, slow, or static effects.



Figure 5: The timing function feature, allowing users to set specific on/off schedules for automated operation.

3.3 Voice Control Integration

Once connected to the Smart Life app, you can link your projector to Amazon Alexa or Google Home for convenient voice commands. Refer to the Smart Life app's instructions for integrating with these voice assistants.

- Example commands:
 - "Alexa, turn on the projector."
 - "Hey Google, change the projector color to blue."
 - "Alexa, set the projector brightness to 50%."

4. MAINTENANCE

The LIUYANG Smart Galaxy Projector SK20 is designed for minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:

- **Cleaning:** Gently wipe the exterior of the projector with a soft, dry cloth. Do not use liquid cleaners or abrasive

materials.

- **Quiet Operation:** The projector utilizes advanced noise reduction technology, ensuring it remains quiet during operation. No specific noise-related maintenance is required.
- **Heat Management:** Thanks to patented radiating technology, the device's temperature will not become excessively high during long-term use, reducing the risk of overheating.
- **Safety Precaution:** Always keep the projector away from fire and extreme temperatures.



Quiet Operation

Advanced class 2 laser technology and noise reduction technology.

The projector won't make any noise while working

Figure 6: The projector operating quietly in a bedroom setting, highlighting its advanced noise reduction technology for an undisturbed experience.

5. TROUBLESHOOTING

If you encounter issues with your LIUYANG Smart Galaxy Projector SK20, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Projector does not turn on.	No power supply; loose connection.	Ensure the power cable is securely connected to both the projector and the power adapter/outlet. Verify the outlet is functional.
Cannot connect to Wi-Fi or App.	Incorrect Wi-Fi password; router issues; app not properly configured.	Double-check your Wi-Fi password. Restart your router and the projector. Ensure your phone is on a 2.4GHz Wi-Fi network during setup. Reinstall the Smart Life app if necessary.
Voice control not working.	Not linked to Alexa/Google Home; incorrect device name; internet connectivity issues.	Confirm the projector is successfully linked within the Smart Life app to your voice assistant. Use the exact device name configured in the app. Check your internet connection.
Projection is dim or unclear.	Lens obstruction; too much ambient light; brightness set too low.	Clean the projector lens gently. Reduce ambient light in the room. Increase brightness settings via the app or manual controls.
Stars are only green.	This is by design.	The laser stars are intentionally green as per product design.

6. TECHNICAL SPECIFICATIONS

- **Model Number:** SK20
- **Brand:** LIUYANG
- **Color:** White
- **Shape:** Rectangular Prism
- **Material:** Glass
- **Finish Type:** Painted
- **Light Source Type:** LED
- **Power Source:** Corded Electric
- **Item Weight:** 0.74 Kilograms (1.63 pounds)
- **Style:** Smart/Modern
- **Voltage:** 240 Volts
- **Maximum Compatible Light Source Wattage:** 5 Watts
- **Light Source Wattage:** 5 Watts
- **Mounting Type:** Table Mount
- **Bulb Features:** RGB
- **Certifications:** FCC, FDA, RoHS
- **Number of Light Sources:** 1
- **Batteries Included:** No
- **Product Dimensions:** 6.38"L x 6.38"W x 2.68"H
- **Manufacturer:** SHENZHEN NANXIN TECHNOLOGY CO.,LTD
- **UPC:** 792276732104, 717777022219

- **Installation Method:** Decor
- **Item Package Quantity:** 1
- **Coverage:** 48 square feet
- **Special Features:** Adjustable Color Temperature
- **Included Components:** Power Cable

7. WARRANTY AND SUPPORT

7.1 Return Policy

This product is eligible for a refund or replacement within 30 days of purchase, in accordance with the retailer's return policy.

7.2 Customer Support

For further assistance, technical support, or inquiries regarding your LIUYANG Smart Galaxy Projector SK20, please refer to the contact information provided by your retailer or visit the official LIUYANG brand store online.

Manufacturer: SHENZHEN NANXIN TECHNOLOGY CO.,LTD