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SOAIY TYD02

SOAIY Star Projector - Instruction Manual

Model: TYD02

1. INTRODUCTION

Welcome to the SOAIY Star Projector user manual. This device combines a galaxy projector, white noise machine, and Bluetooth speaker to create a relaxing and immersive atmosphere. It features multiple control options including remote, app, and voice control for ease of use.

This manual provides detailed instructions on setting up, operating, maintaining, and troubleshooting your SOAIY Star Projector to ensure optimal performance and longevity.

2. SAFETY INFORMATION

- Keep the device away from water and moisture.
- Do not disassemble or attempt to repair the device yourself.
- Use only the provided power adapter.
- Avoid direct eye exposure to the laser light.
- Keep out of reach of children unless supervised.
- Ensure proper ventilation to prevent overheating.

3. PACKAGE CONTENTS

- SOAIY Star Projector (Model: TYD02)
- Remote Control
- USB Power Cable
- User Manual (this document)

4. PRODUCT OVERVIEW

The SOAIY Star Projector is a versatile device designed to enhance your environment with stunning visual and auditory experiences. Below are the key components and features:



Figure 4.1: SOAIY Star Projector and accessories.

The projector features an upgraded lamp and projection lens for brighter aurora and clearer star/moon patterns. It offers 10 colors and 360° rotational dynamic projections.

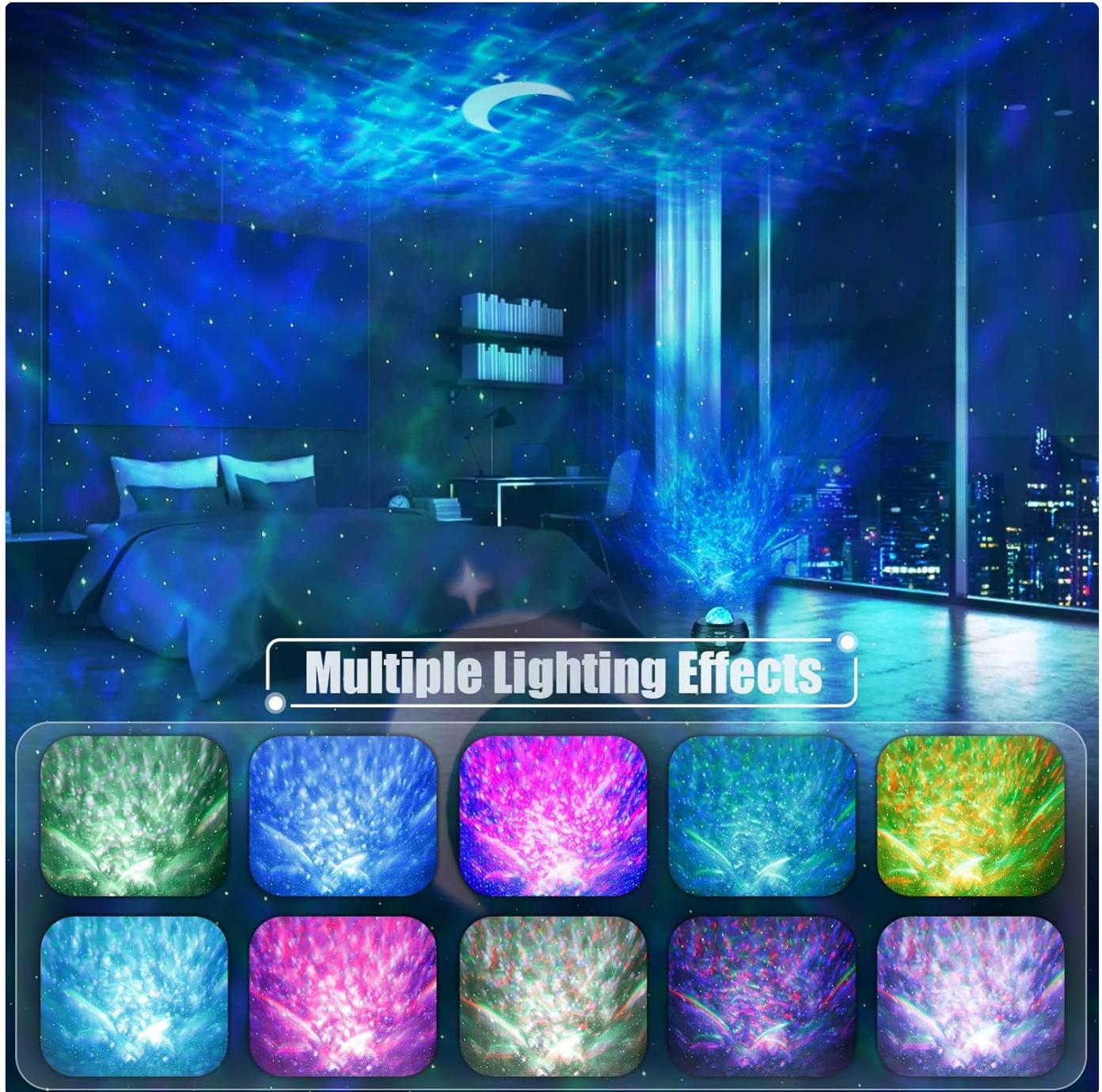


Figure 4.2: Examples of multiple lighting effects.

It includes a built-in Bluetooth 5.0 speaker for playing your favorite music with high-definition stereo sound and enhanced bass. Additionally, it has 8 soothing white noise sounds to aid relaxation and sleep.

White Noises Help You Get Into Sweet Dreams

Built-in 8 Soothing Sounds



Figure 4.3: White noise sounds for sleep.

Bluetooth 5.0 Speaker

With Premium Sound Quality



Interactive Mode



Bluetooth



Figure 4.4: Bluetooth speaker functionality.

The device can be controlled via the included remote, a dedicated mobile application, or voice commands through Alexa.

Brilliant Control Options Remote Control

Wi-Fi App Control (Only works with 2.4G Wi-Fi)

Smart Voice Control / Works with Amazon Alexa / Works with Google Home



Remote
Control



Wi-Fi App
Control



Smart Voice
Control

Figure 4.5: Multiple control options.

5. SETUP

5.1 Power Connection

1. Connect the USB power cable to the DC:5V input port on the projector.
2. Plug the other end of the USB cable into a compatible 5V/2A power adapter (not included) and then into a wall outlet.
3. The device will power on automatically or can be turned on using the power button.

5.2 Initial Setup

Upon first power-on, the projector may enter a default lighting mode. You can begin controlling it immediately with the on-device buttons or the remote control.

For advanced features like Wi-Fi app control and voice control, further setup is required (refer to sections 6.3 and 6.4).

6. OPERATING INSTRUCTIONS

6.1 Basic Operation (On-Device Buttons)

The projector has several buttons on its body for direct control:

- **Power Button:** Turns the device on/off.
- **Mode Button:** Cycles through different lighting modes.
- **Volume +/-:** Adjusts the volume of the speaker.
- **BT/WN Button:** Toggles between Bluetooth mode and White Noise mode.

6.2 Remote Control Operation

The included remote control provides comprehensive control over all functions:

4 LEVELS BRIGHTNESS



10%



40%



70%



100%



1H



2H



Timer Off

3 TIMING OPTIONS



Figure 6.1: Remote Control Layout.

- **Power (Red Button):** Turns the projector on or off.
- **LED Control:** Buttons for Red (R), Green (G), Blue (B), White (W) light colors.
- **Brightness Adjustment:** Increase (+) or Decrease (-) LED brightness.

- **Fade Modes:** FADE 1 and FADE 2 for dynamic color transitions.
- **Music Playback:** Play/Pause, Previous/Next Track, Volume Up/Down.
- **Timer Settings:** 1H (1 hour), 2H (2 hours), or Timer Off.
- **BT/WN:** Toggles between Bluetooth and White Noise modes.

6.3 Smart App Control

For full customization and smart features, download the dedicated mobile application. (Only works with 2.4G Wi-Fi).



Figure 6.2: Smart App Connection Steps.

1. Download the Smart App (e.g., Smart Life app) from your device's app store.
2. Register or log in to your account.
3. Add Device: Select "Lighting" then "Light Source (Wi-Fi)".
4. Follow the in-app instructions to connect the projector to your 2.4G Wi-Fi network. Ensure the projector is in pairing mode (usually indicated by a blinking light).
5. Once connected, you can control all features, including color, brightness, rotation speed, and timer settings, directly from the app.

6.4 Voice Control (Alexa Compatible)

After connecting the projector to the Smart App, you can link it to voice assistants like Amazon Alexa or Google Home for hands-free control.

1. Open your Alexa or Google Home app.
2. Enable the Smart App skill (e.g., "Smart Life").
3. Discover devices.
4. You can now use voice commands such as:
 - "Alexa, turn on the Star Projector."
 - "Hey Google, set Star Projector to blue."

- "Alexa, turn off the stars."

6.5 Lighting Effects

The projector offers 10 distinct lighting effects with 360° rotational dynamic projections. You can adjust colors, brightness, and rotation speed to create your desired ambiance.

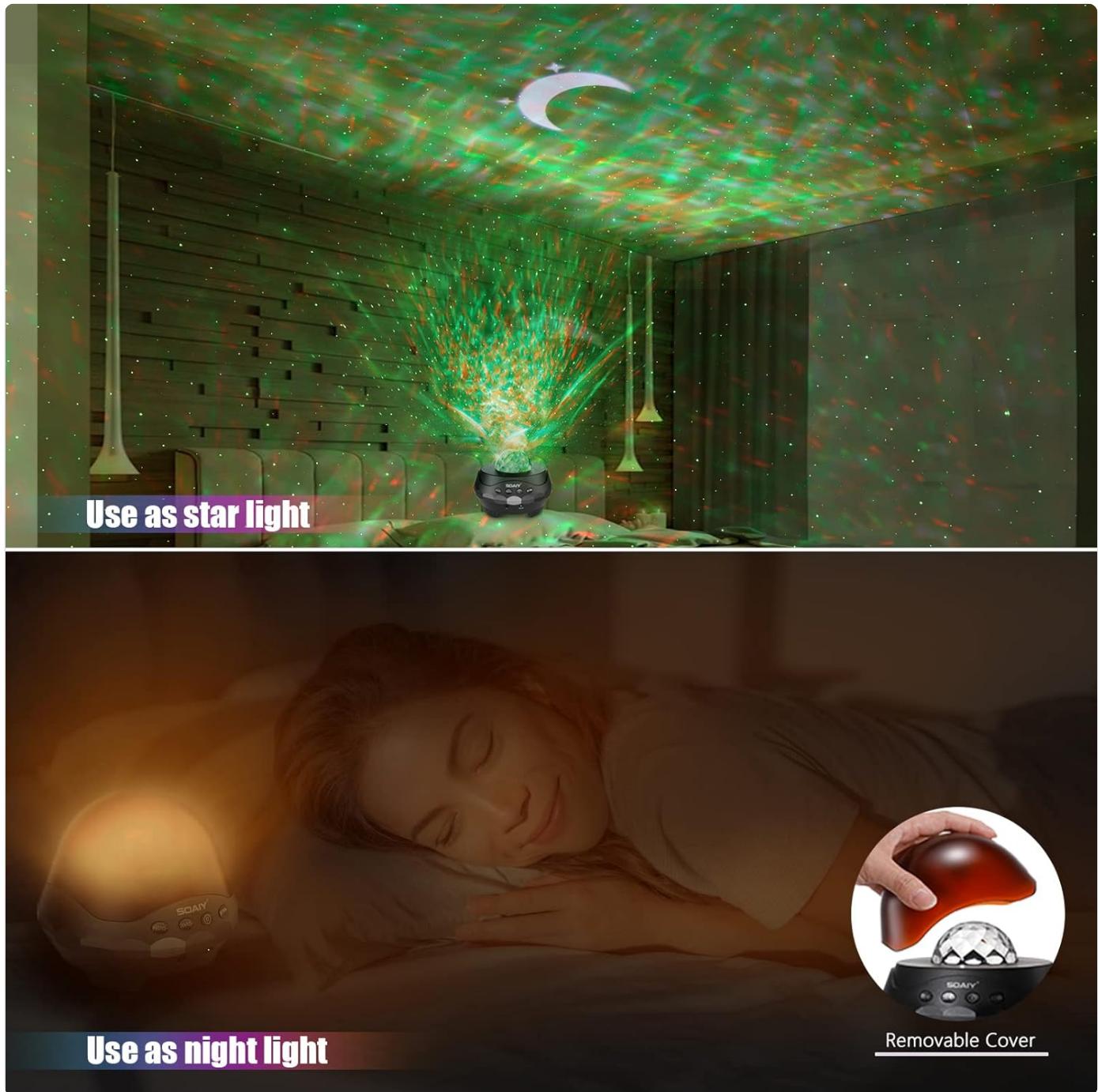


Figure 6.3: Projector functioning as a star light or a night light (with removable cover).

The removable cover allows the device to function as either a full star projector or a soft night light.

6.6 White Noise Sounds

The projector includes 8 built-in soothing white noise sounds to help with relaxation and sleep. These include:

- Summer Night
- Thunder
- White Noise
- Ocean Wave

- Brook
- 3 Lullabies

Use the BT/WN button on the device or remote to switch to white noise mode and cycle through the sounds.

6.7 Bluetooth Speaker Function

Connect your smartphone or other Bluetooth-enabled device to the projector to play your favorite audio. The lighting can also be set to change with the music rhythm in "Music Interactive Mode" via the app.

1. Press the BT/WN button until the device announces "Bluetooth Mode".
2. On your mobile device, search for "SOAIY" in the Bluetooth settings and pair.
3. Once connected, you can play audio through the projector's speaker.

6.8 Timer Settings

The projector features an auto-timer function, allowing you to set it to turn off automatically after a specified period.

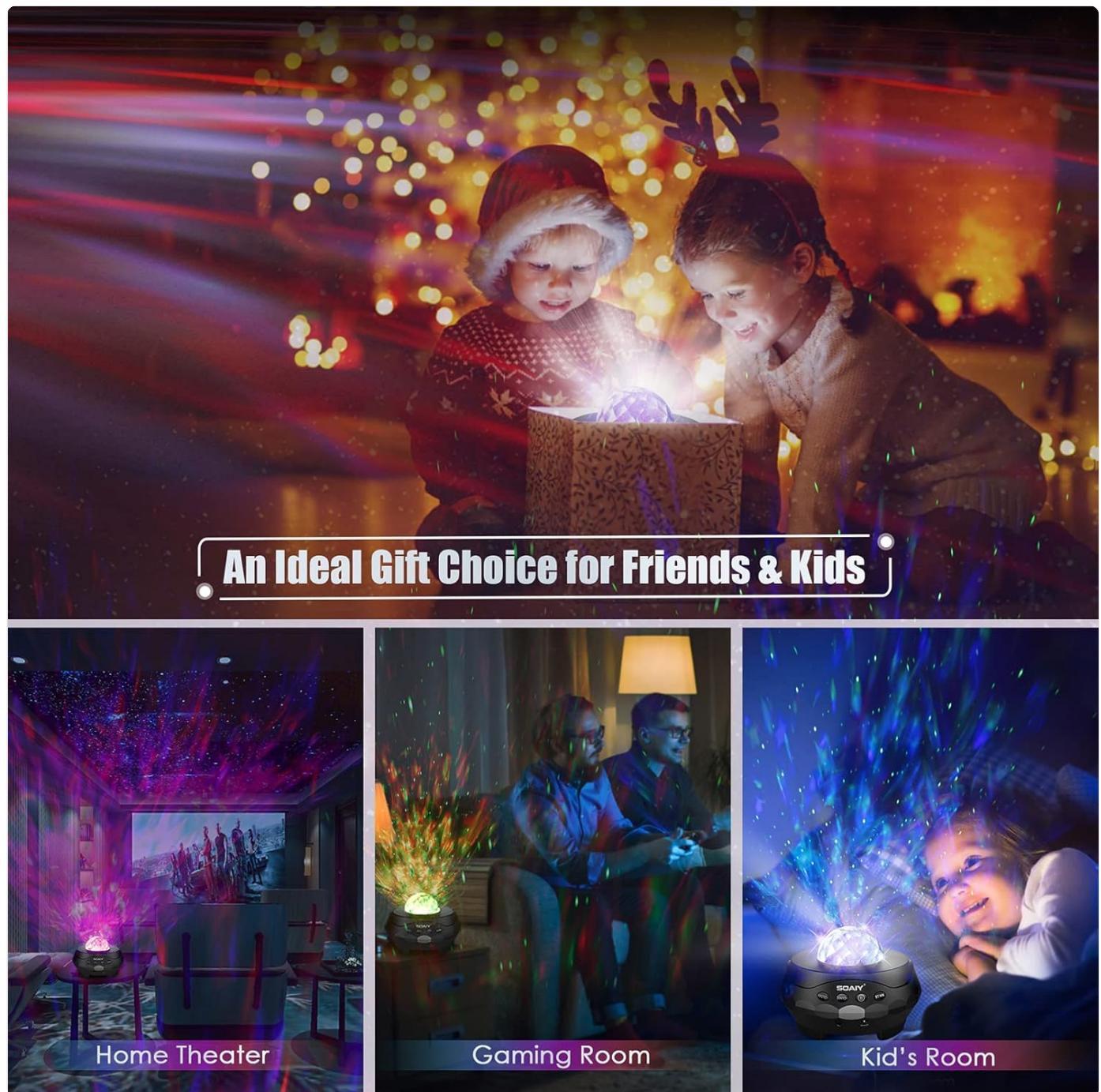


Figure 6.4: Timer settings.

- Use the 1H or 2H buttons on the remote control to set the timer.
- Select "Timer Off" to disable the auto-shutdown.

7. MAINTENANCE

- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep the projection lens clear of dust and fingerprints for optimal projection quality.
- Store the projector in a cool, dry place when not in use.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Projector does not turn on.	No power or loose connection.	Check power cable connection and wall outlet. Ensure power adapter is 5V/2A.
Remote control not working.	Low battery or obstruction.	Replace remote battery. Ensure no obstructions between remote and projector.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi band (not 2.4G) or incorrect password.	Ensure your Wi-Fi is 2.4G. Re-enter Wi-Fi password. Restart router and projector.
Bluetooth speaker not pairing.	Device not in pairing mode or already connected.	Ensure projector is in Bluetooth mode. Disconnect from other devices. Restart Bluetooth on your phone.
Projection is blurry.	Dirty lens or incorrect distance.	Clean the projection lens. Adjust the distance from the projection surface.

9. SPECIFICATIONS

Feature	Detail
Brand	SOAIY
Model Number	TYD02
Product Dimensions	5.8"D x 5.8"W x 5.4"H
Item Weight	0.72 Kilograms (1.59 pounds)
Light Source Type	LED
Connectivity Technology	Bluetooth, Wi-Fi (2.4G)
Control Method	Remote Control, App, Voice Control (Alexa Compatible)
Special Features	Dimmable, Timer, White Noise, Bluetooth Speaker
Power Source	Corded Electric (DC 5V)
Material	Plastic

10. WARRANTY AND SUPPORT

The SOAIY Star Projector comes with a 1-year limited warranty from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

For technical support, troubleshooting assistance, or warranty claims, please contact SOAIY customer service through the retailer's platform or the official SOAIY website. Please have your purchase receipt and product model number ready when contacting support.

11. OFFICIAL PRODUCT VIDEOS

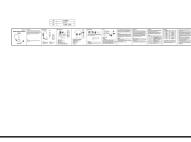
Below are official product videos from the seller demonstrating key features and functionality of the SOAIY Star Projector.

Your browser does not support the video tag.

Video 11.1: "Star Projector Galaxy-2.0 version" - This video provides an overview of the projector's features and visual effects.

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Related Documents - TYD02

	<p>SOAIY SL6 True Wireless Earbuds FCC Compliance and Safety Information</p> <p>Detailed FCC compliance information, safety guidelines, and interference handling instructions for the SOAIY SL6 True Wireless Earbuds, including Class B digital device compliance and radiation exposure limits.</p>
	<p>SOAIY Lamp-007 Relaxation Projection Light & Sound Machine Quick Start Guide</p> <p>A quick start guide for the SOAIY Lamp-007, a relaxation projection light and sound machine featuring aurora borealis effects, multiple light and sound modes, and Bluetooth connectivity for a soothing bedtime experience.</p>
	<p>SHENZHEN JINGDU TECHNOLOGY TYD02 Smart Star Light Projector User Manual</p> <p>This user manual provides comprehensive instructions for the SHENZHEN JINGDU TECHNOLOGY TYD02 Smart Star Light Projector. Learn how to set up, control via the mobile app, utilize various lighting modes, and understand the technical specifications and FCC compliance.</p>
	<p>Bietrun WXM05 Wireless Microphone Headset User Manual</p> <p>User manual for the Bietrun WXM05 Wireless Microphone Headset, providing setup and usage instructions.</p>