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Mooyran TYD-YHY-001

Mooyran Astronaut Star Projector Galaxy Night Light

Model: TYD-YHY-001

Your guide to exploring the universe from your room.

1. INTRODUCTION

The Mooyran Astronaut Star Projector is designed to transform any room into a captivating cosmic experience. It projects stunning nebula effects and breathing green stars, creating a peaceful and immersive atmosphere. Ideal for bedrooms, game rooms, home theaters, or as a unique decorative piece, this projector offers adjustable settings and a convenient remote control for ease of use.



Image 1.1: The Mooyran Astronaut Star Projector and its remote control.

2. SAFETY INFORMATION

- **Eye Safety:** Do not look directly into the projector's light source. The laser stars can cause temporary vision impairment or discomfort.
- **Power Source:** Use only the provided USB cable. Ensure the power adapter (not included) meets the specified voltage (240 Volts) and current requirements.

- **Placement:** Place the projector on a stable, flat surface away from edges to prevent accidental falls. Keep it out of reach of small children, as it is a light device, not a toy.
- **Ventilation:** Do not cover the projector's ventilation openings. Ensure adequate airflow to prevent overheating.
- **Water and Moisture:** Keep the device away from water, high humidity, and damp environments. Do not operate with wet hands.
- **Cleaning:** Disconnect from power before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Disassembly:** Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. PACKAGE CONTENTS

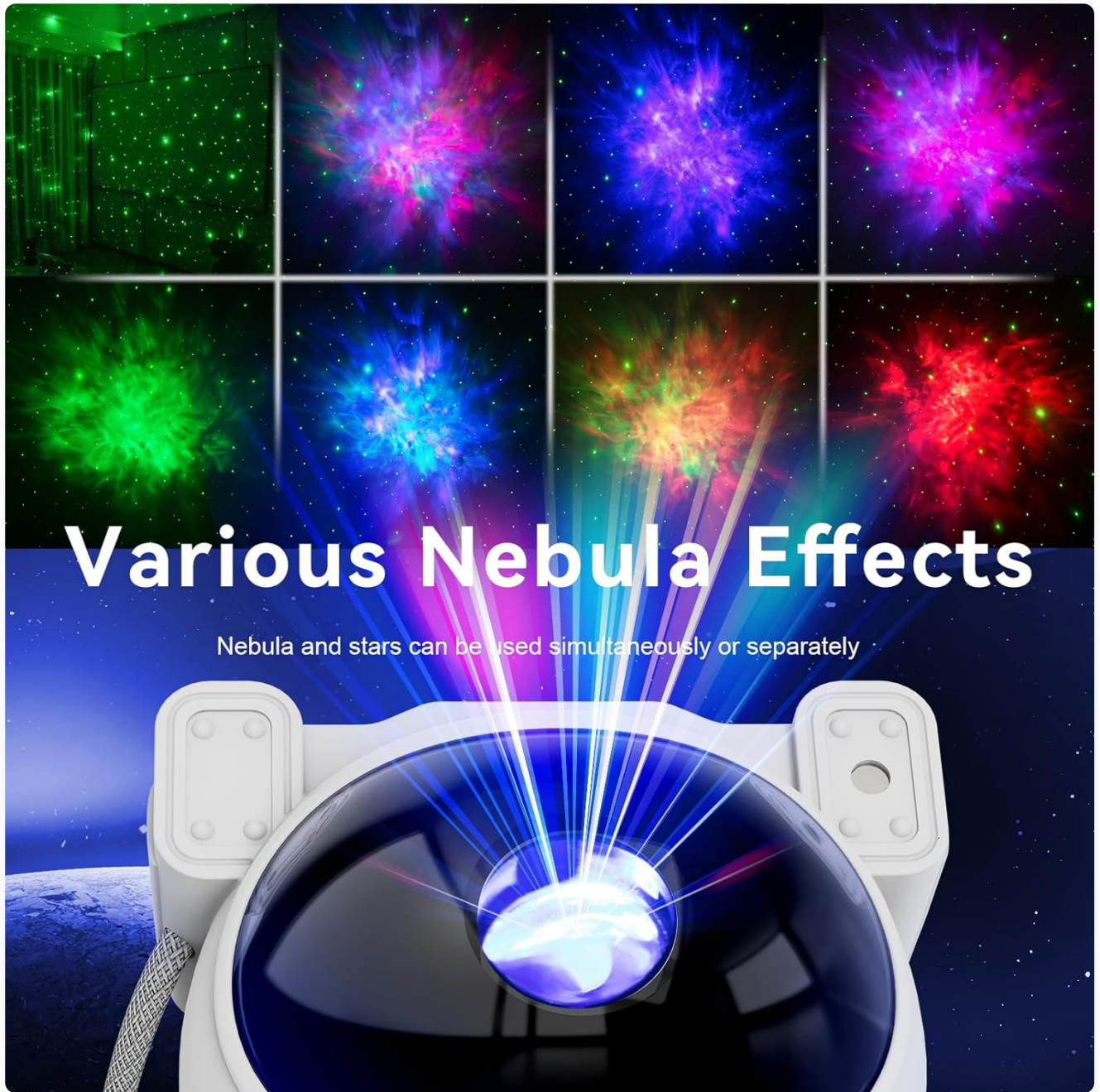
Please check the box for the following items:

- Astronaut Projector (White) x 1
- Base Support x 1
- Remote Control (batteries not included) x 1
- USB Cable x 1
- User Manual x 1

4. PRODUCT FEATURES

The Mooyran Astronaut Star Projector offers a range of features for a customizable experience:

- **Dynamic Nebula Effects:** Choose from 8 distinct and vibrant nebula effects to create various cosmic scenes.
- **Breathing Green Stars:** Complement the nebulae with a field of breathing green stars that can be used simultaneously or independently.
- **Remote Control:** Full control over all functions including power, nebula effects, star effects, brightness, rotation speed, and timer settings.
- **Adjustable Projection Angle:** The astronaut's head is magnetically connected, allowing for a 720° adjustment of the projection angle. The arms can also be posed (360° rotation).
- **Auto-Off Timer:** Set the projector to automatically turn off after 45 or 90 minutes, perfect for falling asleep under the stars.
- **Brightness Adjustment:** Adjust the brightness of the projection from 10% to 100% to suit your preference.
- **Detachable Moon Base:** The moon-shaped base is removable, allowing for flexible placement and display options.



Various Nebula Effects

Nebula and stars can be used simultaneously or separately

Image 4.1: Examples of the various nebula effects available.

Projection Angle Adjustment

Astronaut space projector head, arms are adjustable, the base can also be removed



Image 4.2: The astronaut's head and arms can be adjusted for optimal projection.

5. SETUP

1. **Unpack:** Carefully remove all components from the packaging.
2. **Assemble Base:** Attach the astronaut projector to its moon-shaped base. The base is removable if you prefer to place the astronaut directly on a surface.
3. **Power Connection:** Connect the provided USB cable to the projector's power input port. Plug the other end of the USB cable into a compatible USB power adapter (not included) or a USB port on a computer/power bank.
4. **Remote Control Batteries:** Open the battery compartment on the back of the remote control. Insert two AAA batteries (not included), ensuring correct polarity (+/-). Close the compartment securely.
5. **Placement:** Position the projector in your desired location. For best results, place it in a dark room and aim it towards a ceiling or wall.
6. **Adjust Angle:** Adjust the astronaut's head to direct the projection angle as desired. The head is magnetically attached for easy adjustment.

6. OPERATING INSTRUCTIONS

Operate your Mooyran Astronaut Star Projector using the included remote control:

- **Power On/Off:** Press the **Power** button on the remote to turn the projector on or off.
- **Nebula Control:**
 - Press **NEBULA S+** or **NEBULA S-** to cycle through the 8 different nebula effects.
 - Use **B+** and **B-** under the NEBULA section to adjust the brightness of the nebula.
- **Star Control:**
 - Press **STAR** to turn the green stars on or off.
 - Use **S+** and **S-** under the STAR section to adjust the breathing rate (speed) of the stars.
 - Use **B+** and **B-** under the STAR section to adjust the brightness of the stars.
- **Timer Setting:** Press the **Timer** button to set the auto-off timer to 45 minutes or 90 minutes. The projector will automatically turn off after the selected duration.

Auto Off Timer

The remote control sets auto timing to help kids and adults quickly enter sweet dreams.

45_{Min}

Timed
45 minutes

90_{Min}

Timed
90 minutes



Image 6.1: The auto-off timer feature is ideal for sleep.



Image 6.2: Detailed view of the remote control functions.

7. MAINTENANCE

- **Cleaning:** To clean the projector, ensure it is unplugged from the power source. Use a soft, dry, lint-free cloth to gently wipe the surface. Do not use abrasive cleaners, solvents, or chemical sprays.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case to prevent dust accumulation and damage.
- **Remote Battery Replacement:** If the remote control becomes unresponsive, replace the AAA batteries. Ensure correct polarity.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Projector does not turn on.	No power, loose connection, faulty cable/adapter.	Check if the USB cable is securely connected to both the projector and the power source. Try a different USB port or power adapter. Ensure the power outlet is functional.
Remote control is not working.	Dead batteries, incorrect battery polarity, obstruction, out of range.	Replace the batteries in the remote control, ensuring correct +/- polarity. Ensure there are no obstructions between the remote and the projector's sensor. Operate within the effective range.
Projection is dim or unclear.	Brightness setting too low, ambient light too high, dirty lens.	Increase the brightness using the remote control. Ensure the room is sufficiently dark. Gently clean the projector lens with a soft, dry cloth.
Motor/mechanism noise.	Internal mechanism, specific projection angle.	Some minimal noise may be present during operation. Try adjusting the projection angle of the astronaut's head; some angles may reduce audible noise.
Stars or nebula not appearing.	Feature turned off.	Press the STAR or NEBULA buttons on the remote to activate the respective projection.

9. SPECIFICATIONS

Attribute	Detail
Model Number	TYD-YHY-001
Brand	Mooyran
Color	White
Shape	Rectangular Prism (Astronaut design)
Material	Acrylonitrile Butadiene Styrene, Polyvinyl Chloride
Light Source Type	LED
Power Source	Corded Electric (USB)
Voltage	240 Volts
Item Weight	14.4 ounces (0.9 Pounds)
Product Dimensions (L x W x H)	4.84" x 1.44" x 9.64"
Manufacturer	LONVIS TECHNOLOGY(SHENZHEN) CO., LTD.
Mounting Type	Ceiling Mount (via projection)
Batteries Required	No (for projector), Yes (for remote - 2x AAA)



9.4"

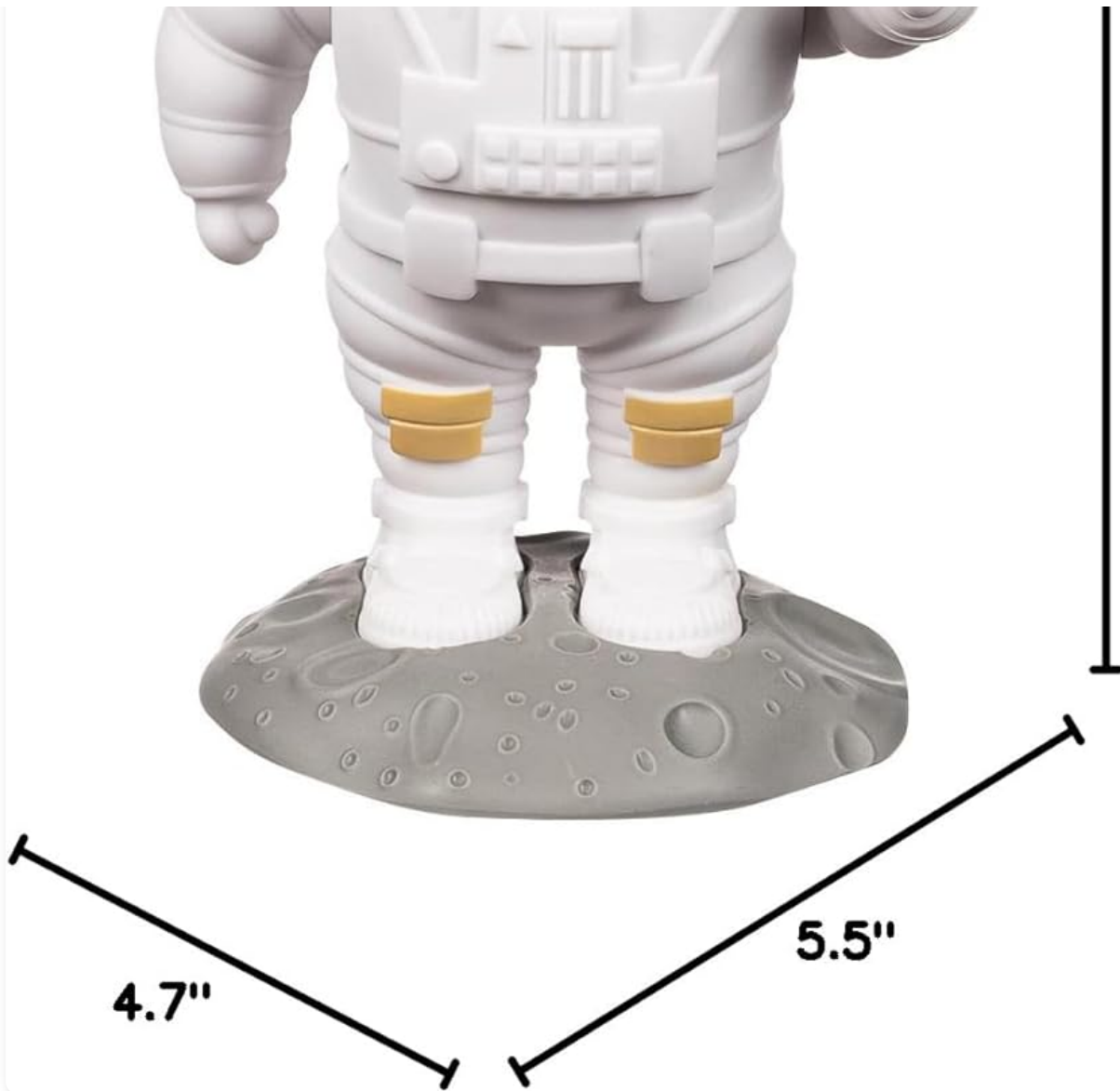


Image 9.1: Product dimensions of the Astronaut Star Projector.

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact the seller directly. Mooyran is committed to customer satisfaction and continually improves its products based on user feedback.

You can visit the official Mooyran store for more information and contact options: [Mooyran Store on Amazon](#)