ZK83NNE34

Generic Led Aurora Borealis Projector Moon Galaxy Night Lights User Manual

Model: ZK83NNE34

1. INTRODUCTION

Thank you for purchasing the Generic Led Aurora Borealis Projector Moon Galaxy Night Lights. This device is designed to create a captivating atmosphere with its aurora, star, and moon projections, enhanced by Bluetooth music capabilities. Please read this manual carefully before use to ensure proper operation and to maximize your enjoyment of the product.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Northern Light Starlight Aurora Projector
- 1 x Remote Control (Battery not included)
- 1 x USB Type C Cable (1.5 meters)
- 1 x User Manual (Six languages)

3. SAFETY INFORMATION

- Do not look directly into the projection lens to avoid eye strain.
- Keep the device away from water and moisture.
- Do not disassemble or attempt to repair the device yourself. Contact customer support if issues arise.
- Use only the provided USB Type-C cable and a compatible power adapter (DC5V/2000mA).
- Keep out of reach of children and pets.
- Ensure proper ventilation around the device during operation.

4. PRODUCT OVERVIEW

The projector combines aurora, star, and moon light effects with integrated Bluetooth music playback. It features multiple color modes, adjustable brightness, and a timer function.
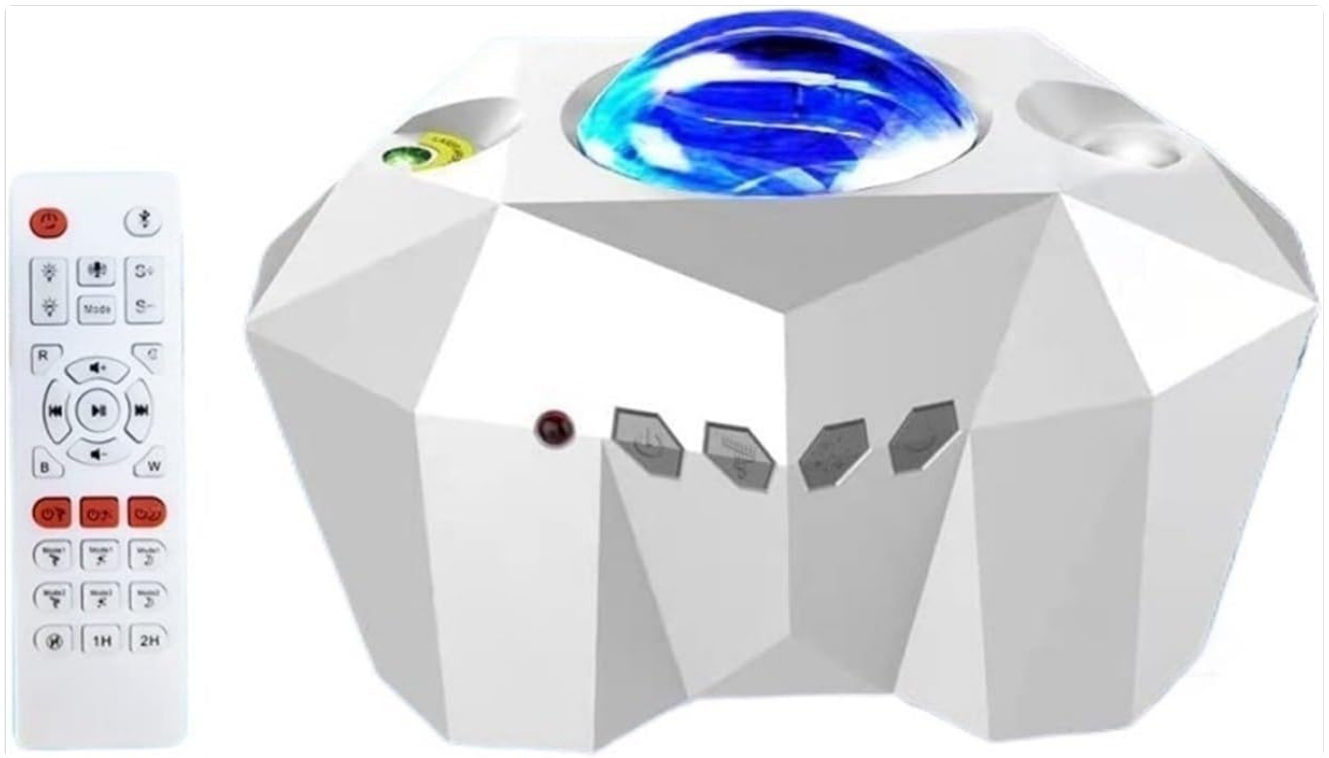
Image 1: The Aurora Projector unit and its accompanying remote control. The projector has a geometric, faceted design in white, with a central projection dome and several control buttons on its front face. The remote is a standard rectangular unit with numerous buttons for various functions.

Image 2: A close-up view of the Aurora Projector, highlighting its Bluetooth Hi-Fi Stereo Music Speaker feature. The image shows the projector emitting colorful lights, with musical notes and a smartphone displaying music playback, indicating its audio capabilities.

5. SETUP

1. **Power Connection:** Connect the provided USB Type-C cable to the projector's power input port. Plug the other end of the USB cable into a compatible USB power adapter (DC5V/2000mA, not included) and then into a wall outlet.

2. **Remote Control Battery:** Open the battery compartment on the back of the remote control and insert two AAA batteries (not included), ensuring correct polarity.

3. **Placement:** Place the projector on a stable, flat surface. For optimal projection, position it in a dark room, facing a wall or ceiling.

6. OPERATING INSTRUCTIONS

6.1. Power On/Off

Press the power button on the projector or the remote control to turn the device on or off.

6.2. Remote Control Functions

The remote control provides full functionality for the projector. Refer to the diagram below for button identification:

Image 3: Diagram illustrating the functions of each button on the remote control. Key functions include power, Bluetooth switch, brightness adjustment, volume control, LED color selection (Red, Green, Blue, White), Northern Lights motor speed, various light modes (Northern Lights, Star, Moon), and timer settings (1H, 2H).

- **Power Button:** Turns the entire machine on/off.
- **Bluetooth Switch:** Toggles Bluetooth on/off. A prompt tone will sound when Bluetooth is active.
- **Voice Control Mode:** Activates/deactivates voice control (only valid in Bluetooth mode).
- **Brightness Adjustment (S+/S-):** Adjusts the brightness level (very dark, dark, bright, brightest).
- **Northern Lights Motor Speed Adjustment (Mode button):** Cycles through stop, slow, normal, fast speeds for the aurora effect.
- **LED Color Buttons (R, G, B, W):** Controls individual Red, Green, Blue, and White LED lights.
- **Volume Up/Down:** Adjusts the music playback volume.

- **Previous/Next Track:** Skips to the previous or next song during music playback.
- **Northern Lights Modes (Mode1, Mode2, Mode3):** Selects different aurora effects (e.g., gradual change, jumping, steady change). The machine defaults to three mode selections.
- **Star Switch:** Toggles the star projection on/off.
- **Star Gradient/Changeable:** Adjusts the star effect.
- **Moon Switch:** Toggles the moon projection on/off.
- **Moon Brighten Up/Dimming:** Adjusts the brightness of the moon projection.
- **Timer Settings (1H, 2H):** Sets an automatic shut-off timer for 1 hour or 2 hours.

6.3. Bluetooth Music Playback

1. Ensure the projector is powered on and Bluetooth is enabled via the remote control.

2. On your mobile device, search for Bluetooth devices and select the projector (usually named "BT Speaker" or similar).

3. Once paired, you can play music from your device through the projector's built-in speaker.

4. In sound control mode, the lights will synchronize with the music.

6.4. Light Modes and Effects

The projector offers a variety of light combinations:

- **Aurora Colors:** 4 single colors (Red, Green, Blue, White), 6 two-color combinations (Red-Green, Red-Blue, Red-White, Green-Blue, Green-White, Blue-White), and 3 three-color combinations (Red-Green-Blue, Red-Green-White, Green-Blue-White). A total of 13 water pattern color modes.
- **Star Twinkling:** The green star effect will twinkle and fade, simulating a breathing star.
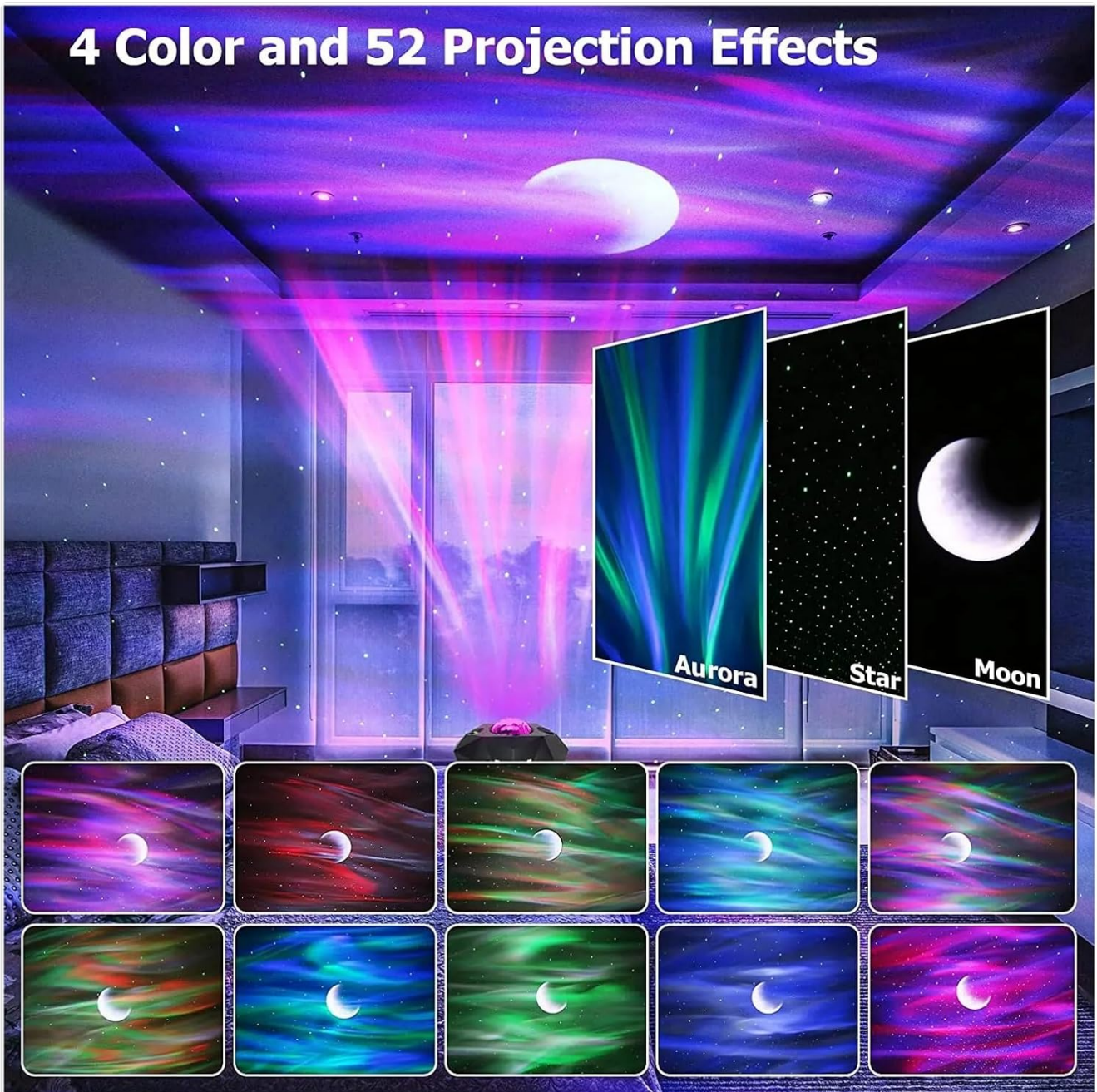- **Moon Projection:** Projects a clear moon image.

Image 4: A visual representation of the projector's capabilities, showing a room illuminated with various projection effects including aurora, stars, and a moon. Multiple color combinations for the aurora effect are displayed in a grid below the main image.

Image 5: This image highlights the upgraded moon projection feature, showing a clear and realistic moon projected onto a surface, emphasizing the quality of the lunar imaging.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the projector. Do not use abrasive cleaners or solvents.
- **Lens Care:** Gently wipe the projection lens with a microfiber cloth to remove dust or smudges.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Projector does not turn on.	No power connection or faulty adapter.	Ensure USB cable is securely connected and power adapter is working. Try a different USB port or adapter.

Problem	Possible Cause	Solution
Remote control not working.	Dead batteries or obstruction.	Replace remote control batteries. Ensure no obstacles between remote and projector.
Bluetooth not connecting.	Bluetooth not enabled or device not in pairing mode.	Ensure Bluetooth is enabled on the projector and your mobile device. Restart both devices and try pairing again.
Projection is dim or blurry.	Lens is dirty or room is too bright.	Clean the projection lens. Ensure the room is sufficiently dark for optimal projection. Adjust brightness settings.

9. SPECIFICATIONS

Parameter	Value
Product Name	Northern Lights Starlight Aurora Projector
Model Number	ZK83NNE34
Power Input	100-240V AC 50-60HZ, USB DC5V/2000mA
Working Temperature	-20°C to 40°C
Box Size	18.2 x 12 x 11.2 cm
Gross Weight (unit with carton)	0.51 kg
Water Pattern Colors	13 modes (4 single, 6 two-color, 3 three-color combinations)
Brand	Generic
Manufacturer	ZXDFAYU
Color	White

10. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or inquiries, please reach out to the seller or manufacturer through your purchase platform.

Documents - ZK83NNE34 – ZK83NNE34
no relevant documents