

**BRESSER 8847100**

# BRESSER Junior AstroPlanetarium Deluxe Instruction Manual

Model: 8847100

## INTRODUCTION

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The BRESSER Junior AstroPlanetarium Deluxe brings the wonder of the night sky directly into your home. This device projects a realistic starry sky onto your walls or ceiling, accurately reflecting the time and day. It includes an integrated motor for displaying falling stars and offers a selection of over 8000 celestial objects across two interchangeable discs. This manual provides essential information for setting up, operating, and maintaining your AstroPlanetarium Deluxe to ensure optimal performance and enjoyment.

## WHAT'S IN THE BOX

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- AstroPlanetarium Deluxe Unit
- 2 Projection Discs (one with constellations, one with stars only)
- USB Power Cable
- Instruction Manual



Figure 1: The BRESSER Junior AstroPlanetarium Deluxe unit, its retail packaging, and the two included projection discs.

## SETUP

1. **Power Connection:** Connect the provided USB power cable to the DC 5V port on the AstroPlanetarium unit. Plug the other end into a compatible USB power adapter (not included) or a USB port on a computer. The unit requires 3 AA batteries (not included) for portable use.
2. **Disc Insertion:** Locate the disc tray on the side of the unit. Gently pull out the tray. Select one of the two projection discs. Carefully place the disc into the tray, ensuring it is seated correctly. Slide the tray back into the unit until it clicks into place.
3. **Placement:** Place the AstroPlanetarium on a stable, flat surface. For optimal projection, position it approximately 1.5 to 3 meters (5 to 10 feet) from the projection surface (wall or ceiling). The unit can be tilted to adjust the projection angle.



Figure 2: Proper method for inserting a projection disc into the AstroPlanetarium.



Figure 3: Side view of the unit, highlighting the lens and disc insertion slot.

## OPERATING INSTRUCTIONS

Familiarize yourself with the control buttons located on the unit's front panel:

- **Power Button (On/Off):** Press to turn the unit on or off.
- **Focus Adjustment Ring:** Rotate the ring around the projection lens to sharpen the image on your projection surface.
- **Motion Button:** Activates or deactivates the rotation of the projected image. Pressing it multiple times may cycle through different rotation speeds or directions.
- **Shooting Star Function:** Press this button to activate the falling star effect.
- **Timer Button:** Press to set an automatic shutdown timer. Options typically include 30, 60, or 120



minutes.



Figure 4: Front panel controls for the AstroPlanetarium Deluxe.

### Adjusting Date and Time

The AstroPlanetarium features a dial to set the current date and time, ensuring the projected sky matches the actual celestial view. Rotate the dials to align the month and time indicators to your desired setting.

### Projection Discs

The unit comes with two discs:

- **Star Field Disc:** Projects a dense field of stars.
- **Constellation Disc:** Projects stars with constellation lines and names for educational purposes.

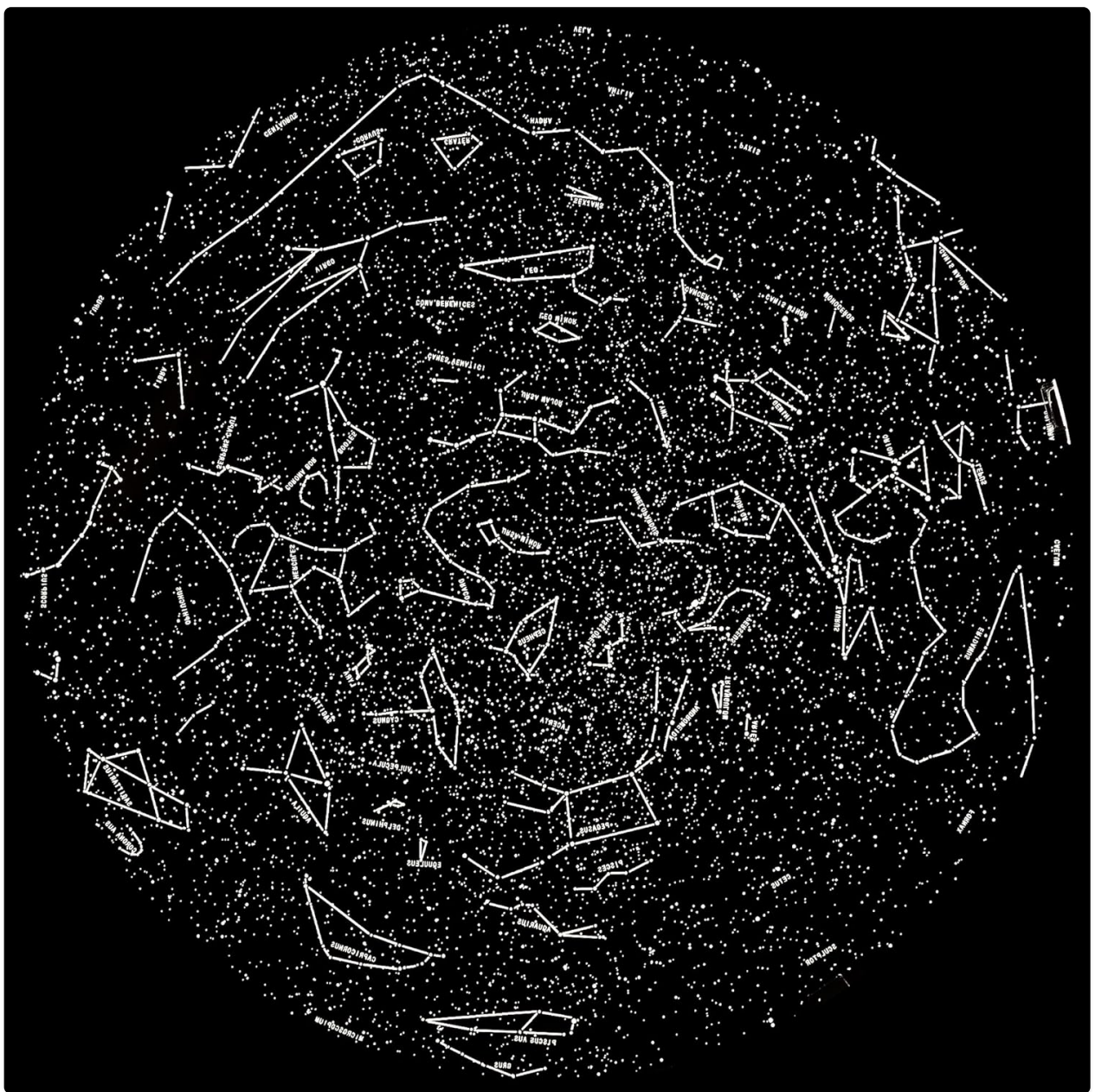


Figure 5: Example of constellation projection.

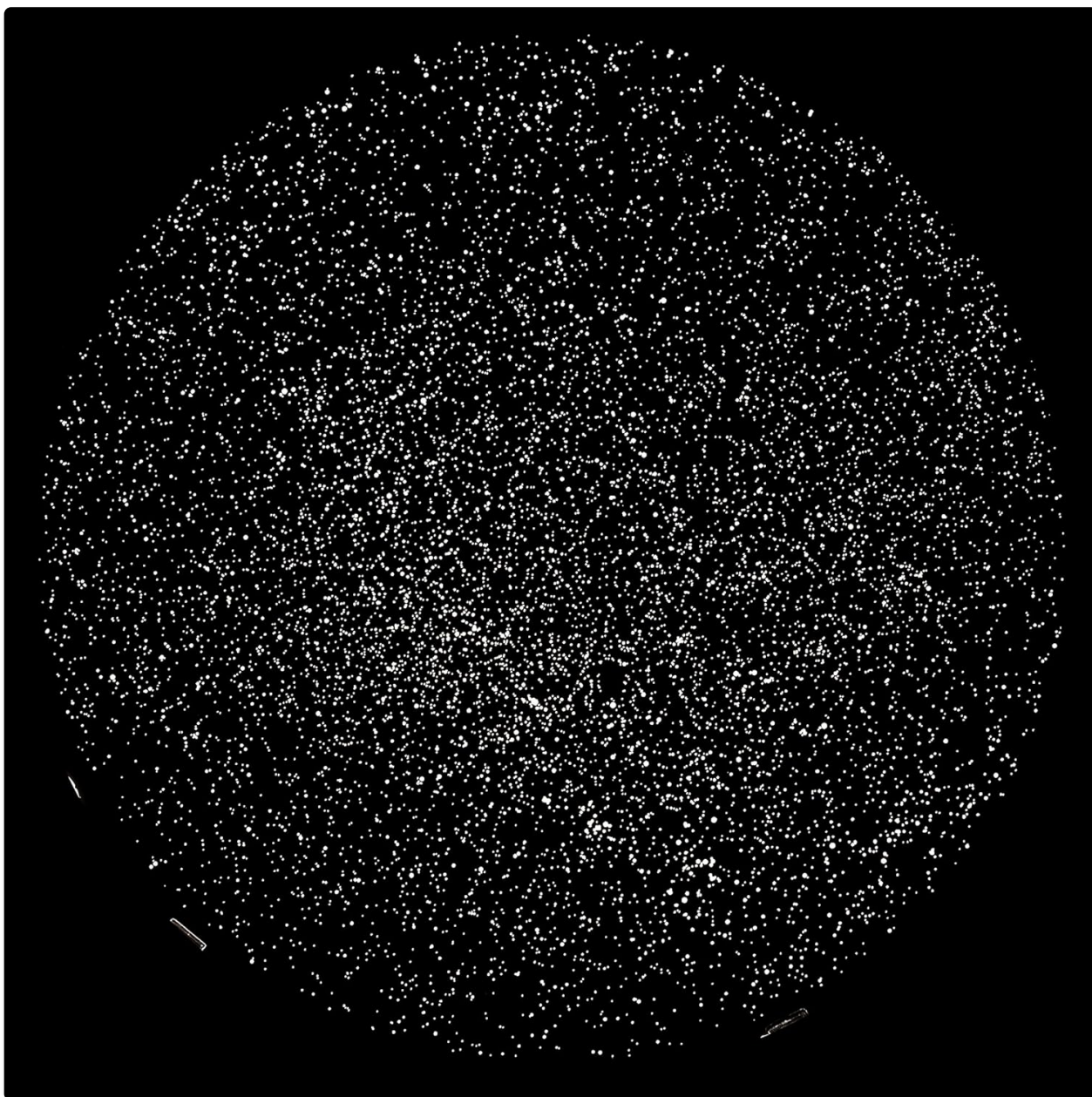


Figure 6: Example of star field projection.

## MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. For the projection lens and discs, use a lens cleaning cloth to avoid scratches. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the AstroPlanetarium in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Replacement:** If using batteries, replace all three AA batteries simultaneously with new ones when the projection dims or the unit stops functioning. Ensure correct polarity.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No projection / Unit does not turn on	No power or low batteries.	Ensure USB cable is securely connected and power source is active. Replace batteries if using battery power.
Image is blurry	Focus is not adjusted correctly.	Rotate the focus adjustment ring around the lens until the image is sharp.
Image is dim	Room is too bright or projection distance is too far.	Ensure the room is dark. Reduce the projection distance (max 3m recommended).
Disc does not rotate	Motion function is off or disc is not seated correctly.	Press the Motion button to activate rotation. Re-insert the projection disc, ensuring it is properly aligned in the tray.


## SPECIFICATIONS

- **Model Name:** Junior AstroPlanetarium Deluxe
- **Item Model Number:** 8847100
- **Product Dimensions:** 61.02 x 61.02 x 75.2 inches
- **Item Weight:** 2.2 pounds (998 Grams)
- **Power Source:** 3 AA batteries (not included) or DC 5V via USB
- **Projection Distance:** Up to 3 meters (approx. 9.8 feet)
- **Projection Size:** 1.6 x 2.1 meters (approx. 5.2 x 6.9 feet) at 2m distance
- **Celestial Objects:** More than 8000 stored on two discs
- **Features:** Motor function for rotation, shooting star function, automatic shutdown timer (30, 60, 120 minutes)






## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided in your product packaging or visit the official BRESSER website. Keep your purchase receipt as proof of purchase for any warranty claims.

### Related Documents - 8847100

 <p><b>BRESSER</b> Astro Planetarium Art. No. 8847100</p> <ul style="list-style-type: none"><li>Bedienungshandbuch</li><li>Operating Instructions</li><li>Manuel d'emploi</li><li>Handbook</li><li>Introducción para Telescopio</li><li>Introduction to the telescope</li></ul>	<p><a href="#">Bresser Astro Planetarium 8847100: User Manual and Setup Guide</a></p> <p>Explore the cosmos with the Bresser Astro Planetarium (Art. No. 8847100). This user manual provides comprehensive instructions for setup, operation, and troubleshooting, bringing the night sky into your home.</p>
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 <p><b>BRESSER</b> 6x21 Fertigglas/Binoculars</p> <p>Art. No. 8851301 Mikroskopier für Kinder und Jugendliche Ab 10 Jahren</p> <ul style="list-style-type: none"> <li>Bedienungsanleitung</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> </ul>	<p><a href="#">Bresser Junior 6x21 Binoculars - User Manual and Instructions</a></p> <p>Comprehensive user manual and operating instructions for the Bresser Junior 6x21 binoculars, covering setup, usage, safety warnings, cleaning, and warranty information.</p>
 <p><b>BRESSER</b> Mikroskop Microscope</p> <p>Art. No. 8851301</p> <ul style="list-style-type: none"> <li>Bedienungsanleitung</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> </ul>	<p><a href="#">Bresser Junior Microscope Operating Instructions   Model 8851301</a></p> <p>User manual and operating instructions for the Bresser Junior Microscope (Art. No. 8851301), detailing parts, setup, normal observation, electronic light use, specimen preparation, experiments, cleaning, disposal, and warranty.</p>
 <p><b>BRESSER</b> Mikroskop-Set Microscope Set</p> <p>Art. No. 8851301</p> <ul style="list-style-type: none"> <li>Bedienungsanleitung</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> </ul>	<p><a href="#">Bresser Junior Mikroskop-Set 40x-1024x Bedienungsanleitung</a></p> <p>Umfassende Bedienungsanleitung für das Bresser Junior Mikroskop-Set mit Vergrößerungen von 40x bis 1024x. Enthält Anleitungen zur Einrichtung, Nutzung, Wartung und Sicherheitshinweise für dieses Lernmikroskop.</p>
 <p><b>BRESSER</b> 6x21 Fertigglas/Binoculars</p> <p>Art. No. 8851301 Mikroskopier für Kinder und Jugendliche Ab 10 Jahren</p> <ul style="list-style-type: none"> <li>Bedienungsanleitung</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> </ul>	<p><a href="#">Bresser Junior 6x21 Binoculars: Operating Manual and Safety Guide</a></p> <p>Comprehensive operating manual and safety guide for the Bresser Junior 6x21 binoculars. Learn about product features, safety instructions, usage, cleaning, warranty, and disposal. This guide is primarily in English, with references to other available languages.</p>
 <p><b>BRESSER</b> Teleskop/Telescope 70/900 EL</p> <p>Art. No. 8851301</p> <ul style="list-style-type: none"> <li>Bedienungsanleitung</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> <li>Reparatur- und Wartungsanleitung</li> <li>Reinigungsanleitung</li> <li>Handbuch</li> </ul>	<p><a href="#">BRESSER Junior 70/900 EL Telescope Operating Instructions and Guide</a></p> <p>Comprehensive operating instructions and user guide for the BRESSER Junior 70/900 EL refractor telescope. Learn how to assemble, set up, and use your telescope for astronomical observation. Includes tips for beginners and information on BRESSER's support resources.</p>