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Little Experimenter LE-2603

Little Experimenter Projector Telescope User Manual

Model: LE-2603

Introduction

This manual provides comprehensive instructions for the safe and effective use of your Little Experimenter Projector Telescope. Please read this manual thoroughly before operating the device and retain it for future reference.

Package Contents

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

- Projector Telescope Unit
- Foldable Tripod
- 3 Projection Discs (24 space-themed images)
- Educational Activity Book
- 3 x AG13/LR44 Batteries (pre-installed or included)

Setup Instructions

1. Tripod Assembly

Carefully unfold the three legs of the tripod until they are fully extended and form a stable base. Ensure the central support mechanism is securely in place.



Image: The Projector Telescope fully assembled on its tripod, ready for use.

2. Battery Installation (if not pre-installed)

The telescope requires 3 AG13/LR44 batteries. Locate the battery compartment, usually near the projector light source. Open the compartment, insert the batteries according to the polarity markings (+/-), and close the cover securely.

3. Attaching the Telescope Unit

Align the base of the telescope unit with the mounting point on the tripod. Securely attach the telescope to the tripod by tightening the knob or screw until it is firm and stable.

Video: Unboxing and Initial Setup

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Video: An unboxing demonstration of the Little Experimenter Projector Telescope, showing the contents and initial assembly steps.

Operating Instructions

1. Telescope Viewing Mode

1. Ensure the projector light is off.
2. Look through the eyepiece at the rear of the telescope.
3. Adjust the telescope's angle by gently tilting it up or down, or rotating it left or right, to view desired objects.
4. The telescope provides 2x magnification for observing distant objects.



Image: A child looking through the telescope eyepiece, demonstrating its use for observation.

2. Projector Mode

1. **Insert a Projection Disc:** Select one of the three projection discs. Locate the disc slot on the projector unit (usually on the side or top). Gently slide the disc into the slot until it clicks into place.



Image: The included educational activity book and the three projection discs, each containing 8 space-themed images.

2. **Turn On the Projector:** Locate the power switch for the projector (often a button or slider near the projector lens) and turn it on.
3. **Adjust Focus:** Rotate the focus ring around the projector lens until the projected image on your wall or ceiling is clear and sharp.
4. **Change Images:** Rotate the projection disc manually to cycle through the 8 images on the disc.
5. **Adjust Projection Angle:** The projector unit can often be swiveled or tilted independently to direct the image onto different surfaces.



Image: A clear space-themed image, such as an astronaut in space, projected onto a wall from the telescope's projector.

Video: Projector Function Demonstration

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Video: A demonstration of the projector feature, showcasing how to insert discs and project space images onto a surface.

Video: Explaining Telescope Features

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Video: An overview explaining the various features and functionalities of the Projector Telescope.

Maintenance

Cleaning

To clean the telescope and projector lenses, use a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water. Avoid abrasive cleaners or solvents, as these can damage the optical surfaces.

Battery Replacement

When the projector light dims or the telescope functions become erratic, it is time to replace the batteries. Follow the battery installation steps (Setup Section 2) to replace the 3 AG13/LR44 batteries.

Storage

Store the telescope in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, remove the batteries to prevent leakage.

Troubleshooting

Problem	Possible Cause	Solution
Projector light does not turn on.	Batteries are dead or incorrectly installed.	Check battery polarity; replace batteries.
Projected image is blurry.	Focus is not adjusted; projector lens is dirty.	Rotate the focus ring; gently clean the projector lens.
Telescope view is unclear.	Eyepiece or objective lens is dirty.	Gently clean the eyepiece and objective lens with a soft cloth.
Tripod is unstable.	Legs not fully extended or locked.	Ensure all tripod legs are fully extended and the central support is locked.

Specifications

Feature	Detail
Brand	Little Experimenter
Model Name	Kids Telescopes
Model Number	LE-2603
Optical Tube Length	14 inches
Eyepiece Lens	Flexible, soft eyepiece
Objective Lens Diameter	5 inches
Telescope Mount	Alt-azimuth mount with foldable tripod
Product Dimensions (D x W x H)	14.13"D x 15.5"W x 22.25"H
Focus Type	Manual Focus
Power Source	Battery Powered
Batteries Required	3 LR44 batteries (included)

Focal Length	11.125 inches
Zoom Ratio	2:1
Additional Features	Projector
Item Weight	1.4 pounds
UPC	818907026036

Warranty & Support

This Little Experimenter Projector Telescope comes with a**90-day warranty** from the date of purchase. This warranty covers manufacturing defects. For warranty claims, technical support, or any questions regarding your product, please contact Little Experimenter customer service. Refer to the product packaging or the official Little Experimenter website for contact details.

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