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› Cubix STHT77649-1 Laser Action Kit with Tripod User Manual

Stanley STHT77649-1

User Manual

STANLEY CUBIX STHT77649-1 LASER ACTION KIT WITH TRIPOD

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Stanley Cubix STHT77649-1 Laser Action Kit. This kit includes a self-leveling cross line laser and a tripod, designed for various leveling and alignment tasks in construction, renovation, and DIY projects. Please read this manual thoroughly before operating the device and keep it for future reference.

SAFETY INFORMATION

WARNING: Read and understand all instructions before using this product. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

- **Laser Safety:** This product is a Class 2 laser product. Do not stare directly into the laser beam. Do not intentionally project the laser beam onto others' eyes.
- **Eye Protection:** Always wear appropriate eye protection when operating laser devices.
- **Children and Bystanders:** Keep children and other unauthorized persons away from the work area.
- **Work Area:** Ensure the work area is well-lit and free of clutter.
- **Battery Safety:** Use only the specified battery type. Do not mix old and new batteries. Dispose of batteries properly.
- **Maintenance:** Do not attempt to modify or repair the laser device. Refer all servicing to qualified service personnel.

PACKAGE CONTENTS

Your Stanley Cubix STHT77649-1 Laser Action Kit should include the following items:

- Stanley Cubix Cross Line Laser Level
- Adjustable Tripod
- Mounting Bracket
- Carrying Pouch
- Batteries (if included in your specific package)
- User Manual (this document)



Figure 1: Overview of the Stanley Cubix Laser Action Kit components. This image displays the compact yellow and black laser level, a lightweight silver tripod, and a black carrying pouch with the Stanley logo, all essential parts of the kit.

SETUP

1. Battery Installation

1. Locate the battery compartment on the laser level.
2. Open the compartment cover.
3. Insert the required batteries (typically AA or AAA, refer to the device markings) ensuring correct polarity (+/-).

4. Close the battery compartment cover securely.

2. Tripod Assembly and Laser Mounting

1. Extend the legs of the tripod to a stable position. Adjust the height as needed using the leg clamps and central column.
2. Attach the laser level to the tripod's mounting screw. The laser level has a standard 1/4-inch thread on its base for this purpose.
3. Alternatively, use the included mounting bracket to attach the laser level to various surfaces, such as studs or pipes. The bracket typically features a clamp or magnetic attachment.



Figure 2: Demonstrates the process of attaching the Stanley Cubix laser level to its mounting bracket. The image shows hands securing the yellow and black laser unit to the black bracket, which can then be affixed to a surface.

OPERATING INSTRUCTIONS

1. Powering On and Self-Leveling

1. Place the laser level on a stable surface or mount it securely.
2. Slide the power switch to the "ON" position. The laser will emit a beam and begin its self-leveling process.
3. Wait for the laser lines to stabilize. If the device is outside its self-leveling range, the laser lines may blink or an indicator light may illuminate. Adjust the position of the laser level until the lines are steady.



Figure 3: An individual is shown utilizing the Stanley Cubix laser level to project precise horizontal and vertical green laser lines onto a wall, aiding in the accurate alignment of wallpaper during installation.

2. Mode Selection

The Cubix laser level typically offers different modes for various applications:

- **Horizontal Line Mode:** Projects a single horizontal laser line.
- **Vertical Line Mode:** Projects a single vertical laser line.
- **Cross Line Mode:** Projects both horizontal and vertical lines simultaneously, forming a cross.

Press the mode button (usually indicated by a laser icon or "M") to cycle through the available modes.



Figure 4: A detailed view of the Stanley Cubix laser level actively projecting a vivid green cross-line laser beam, highlighting its precision and visibility for alignment tasks.

3. Manual Mode (Slope Function)

Some models may feature a manual mode, allowing the laser to project lines at an angle without self-leveling. Consult your specific model's instructions for activating and using this feature, if available.

4. Powering Off

When finished, slide the power switch to the "OFF" position. This will lock the pendulum and protect the internal components during transport and storage.

MAINTENANCE

Cleaning

- Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Keep the laser aperture clean and free of dust or debris to ensure optimal beam clarity.

Storage

- Always turn off the laser level before storing.

- Store the device in its carrying pouch or a protective case to prevent damage from impacts or dust.
- Remove batteries if the device will not be used for an extended period to prevent leakage.
- Store in a cool, dry place, away from direct sunlight and extreme temperatures.



Figure 5: Illustrates the proper storage of the Stanley Cubix laser level, showing a hand carefully placing the device into its protective black carrying pouch, ensuring its safety when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Laser does not turn on.	Batteries are dead or incorrectly installed.	Check battery polarity. Replace with fresh batteries.
Laser lines are blinking.	Device is outside its self-leveling range.	Place the laser level on a more level surface or adjust the tripod until the lines stabilize.
Laser lines are dim or unclear.	Dirty laser aperture or strong ambient light.	Clean the laser aperture with a soft cloth. Reduce ambient light if possible.
Inaccurate measurements.	Device not properly calibrated or damaged.	Ensure the device is self-leveled. If issues persist, contact customer support for calibration or repair.

SPECIFICATIONS

Feature	Detail
Model Number	STHT77649-1
Manufacturer	Stanley
Product Dimensions (L x W x H)	59.5 x 18 x 9 cm
Item Weight	580 grams
Batteries Required	Yes
Batteries Included	Yes
ASIN	B07VPPQTJT

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Stanley website. Keep your proof of purchase for warranty claims.

Online Resources: For additional resources, FAQs, and product registration, please visit www.stanleytools.com.

