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Bosch BT150

BOSCH BT 150 Compact Tripod Instruction Manual

MODEL: BT 150 | BRAND: BOSCH

1. Introduction and Overview

The Bosch BT 150 compact tripod is designed for precision and versatility, offering adjustable height and stable support for various laser measurement tools. Its lightweight and collapsible design ensures easy transport and storage, making it an ideal companion for both professional and DIY projects.

- **Extendable Height:** The Bosch BT 150 provides height adjustment from 22 inches to 61 inches for different height applications.
- **Steady Adjustable Base:** Features an adjustable base that swivels, adjusts and tightens products for steady measurement applications.
- **Compact and Lightweight:** The tripod's collapsible legs and 2 pound weight makes it easy to store and transport.
- **Versatile:** With a 1/4 inch to 20 inch mounting thread of detachable base, the Bosch BT 150 is compatible with Bosch line lasers, point lasers, and laser distance measures for a variety of applications.

2. Setup

Proper setup ensures stability and accuracy for your measurement tasks. Follow these steps to prepare your BT 150 tripod for use.

2.1 Unfolding the Tripod

1. Gently spread the tripod legs until they are fully extended and locked into position. The legs are designed to lock securely for maximum stability.
2. Adjust the leg spread to achieve the desired footprint and stability on your working surface.



Image: The Bosch BT 150 Tripod shown at its minimum, mid-range, and maximum extended heights, demonstrating its versatility for different applications.

2.2 Adjusting Leg Height

1. Each leg features quick-release clamps. Open these clamps to extend or retract the leg sections.
2. Adjust each leg individually to achieve the desired height and ensure the tripod head is roughly level. Close the clamps firmly to secure the legs.

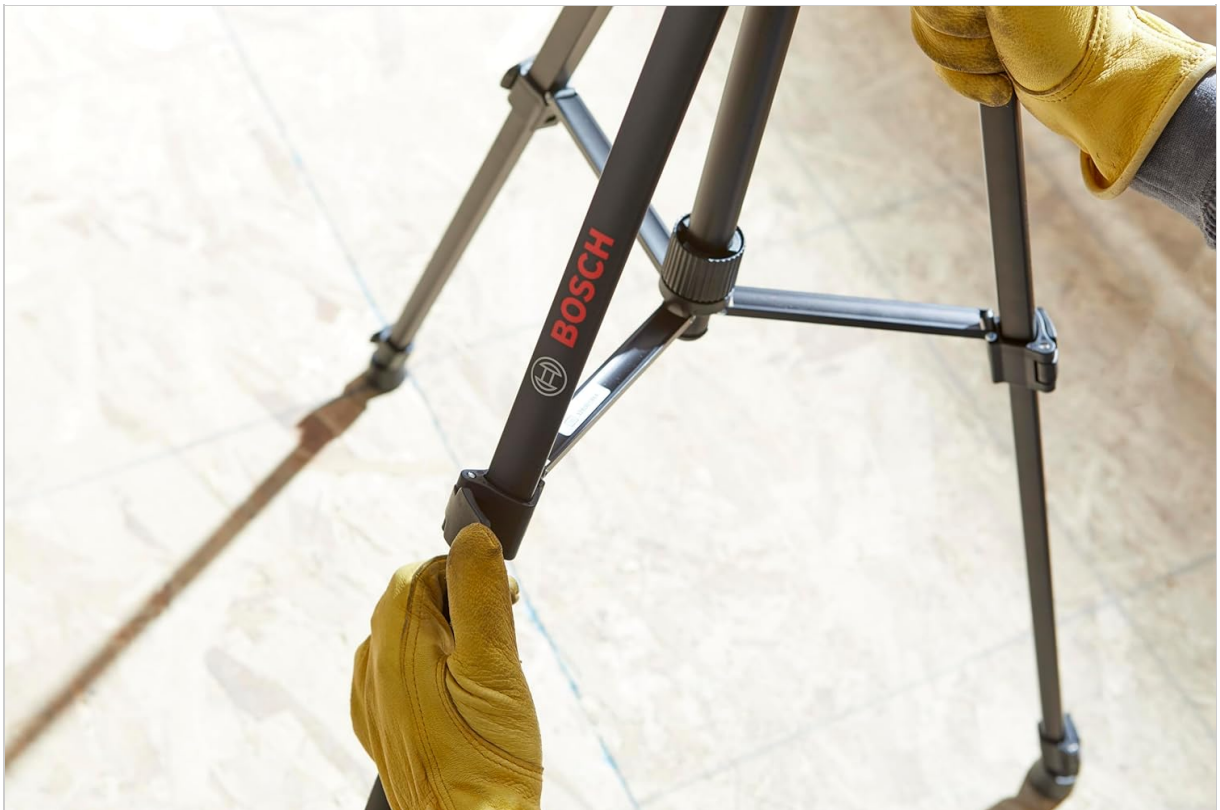


Image: A close-up view of a hand operating the quick-release clamp on one of the tripod legs to adjust its length.

2.3 Attaching the Quick-Release Plate

1. Locate the quick-release plate on the tripod head. Press the release lever to detach the plate.
2. Securely attach the quick-release plate to the bottom of your laser or other compatible device using the 1/4-inch-20 mounting screw. Ensure it is tightened firmly.
3. Slide the device with the attached plate back into the tripod head until it clicks securely into place.



Image: Two hands demonstrating the process of attaching the quick-release plate to the tripod head, highlighting the secure locking mechanism.

3. Operating Instructions

The BT 150 tripod is designed for ease of use, providing stable support and precise adjustments for your laser tools.

3.1 Using the Bubble Levels

The tripod features built-in bubble levels on the head and base. Use these to ensure the tripod is perfectly level before activating your laser tool. Adjust the legs and the tripod head until the bubbles are centered.



Image: An annotated diagram of the Bosch BT 150 Tripod, pointing out key features such as the fine adjustment crank, 1/4 inch mounting thread, and adjustable legs.

3.2 Fine Height Adjustment

For precise vertical positioning of your laser, use the fine adjustment crank located on the side of the tripod. Rotate the crank to smoothly raise or lower the center column to the exact height required.



Image: A close-up view of a hand turning the fine adjustment crank to precisely control the vertical height of the tripod's center column.

3.3 Panning and Tilting

The tripod head allows for smooth panning (horizontal rotation) and tilting (vertical angle adjustment). Loosen the appropriate knobs on the tripod head to adjust the angle, then tighten them to secure the position.



Image: A user making adjustments to a laser device that is securely mounted on the Bosch BT 150 Tripod, demonstrating the ease of positioning.

4. Maintenance

To ensure the longevity and optimal performance of your Bosch BT 150 Compact Tripod, follow these simple maintenance guidelines:

- **Cleaning:** Wipe down the tripod with a clean, damp cloth after each use to remove dust, dirt, or debris. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the tripod in a dry, cool place, preferably in its original packaging or a protective bag, to prevent damage and prolong its lifespan.
- **Inspection:** Periodically check all clamps, knobs, and moving parts for any signs of wear or damage. Ensure all screws are tight.

5. Troubleshooting

If you encounter any issues with your Bosch BT 150 Compact Tripod, refer to the following common troubleshooting tips:

- **Tripod Head Wobbles:** Ensure that the quick-release plate is fully seated and locked into the tripod head. Check that all adjustment knobs for panning and tilting are tightened.
- **Legs Not Holding Position:** Verify that the quick-release clamps on each leg are firmly closed after adjusting the leg length.
- **Difficulty with Fine Adjustment Crank:** Ensure the locking mechanism for the center column is disengaged before attempting to use the crank. If the crank feels stiff, check for any obstructions or debris.

6. Specifications

Brand	Bosch
Model Name	BT 150
Model Number	BT150
Material	Aluminum
Item Weight	2.9 Pounds
Weight Limit	2.2 Pounds
Minimum Height	22 Inches
Maximum Height	61 Inches (147 Centimeters)
Folded Size	24 inches (l) x 5 inches (w) x 5 inches (h)
Compatible Devices	Bosch laser measurer models, including GCL 2-160, GCL 25, GCL100-40G, GCL100-80C, GCL100-80CG, GPL 5, GPL 3, GPL 2, GPL100-30G, GPL100-50G, Line Lasers, GLL 30, GLL40-20G, GLL 55, GLL 100 G, GLL100-40G, GLL 3-50, GLL 2-20, GLL50-40G, GLL3-330CG, GLL3-330C, GLL3-300, GLL 150 ECK, Rotary Lasers, GRL4000-80CH, GRL4000-80CHV, GRL2000-40H, GRL2000-40HV, GRL1000-20HV, GRL900-20HV, GRL800-20HV
Special Feature	Foldable

7. Warranty and Support

The Bosch BT 150 Compact Tripod comes with a **Limited 1 Year Warranty**. For warranty claims, technical support, or any product-related inquiries, please contact Bosch customer service through their official website or the contact information provided with your purchase documentation.

Always refer to the official Bosch website for the most up-to-date warranty information and support resources.