

[Manuals.plus](#) /

› [BOSCH](#) /

› BOSCH GOL26 26X Automatic Optical Level User Manual

## BOSCH GOL 26

# BOSCH GOL26 26X Automatic Optical Level User Manual

Model: GOL 26

## PRODUCT OVERVIEW

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The BOSCH GOL26 26X Automatic Optical Level is a robust and precise instrument designed for various leveling and surveying tasks. It features a 26x power lens for clear imaging, a self-leveling compensator with transport lock for durability, and a magnetic dampening system to minimize jobsite vibration effects. This level is ideal for ensuring accuracy in construction, landscaping, and other professional applications.



Figure 1: The BOSCH GOL26 26X Automatic Optical Level, a precision instrument for accurate leveling.

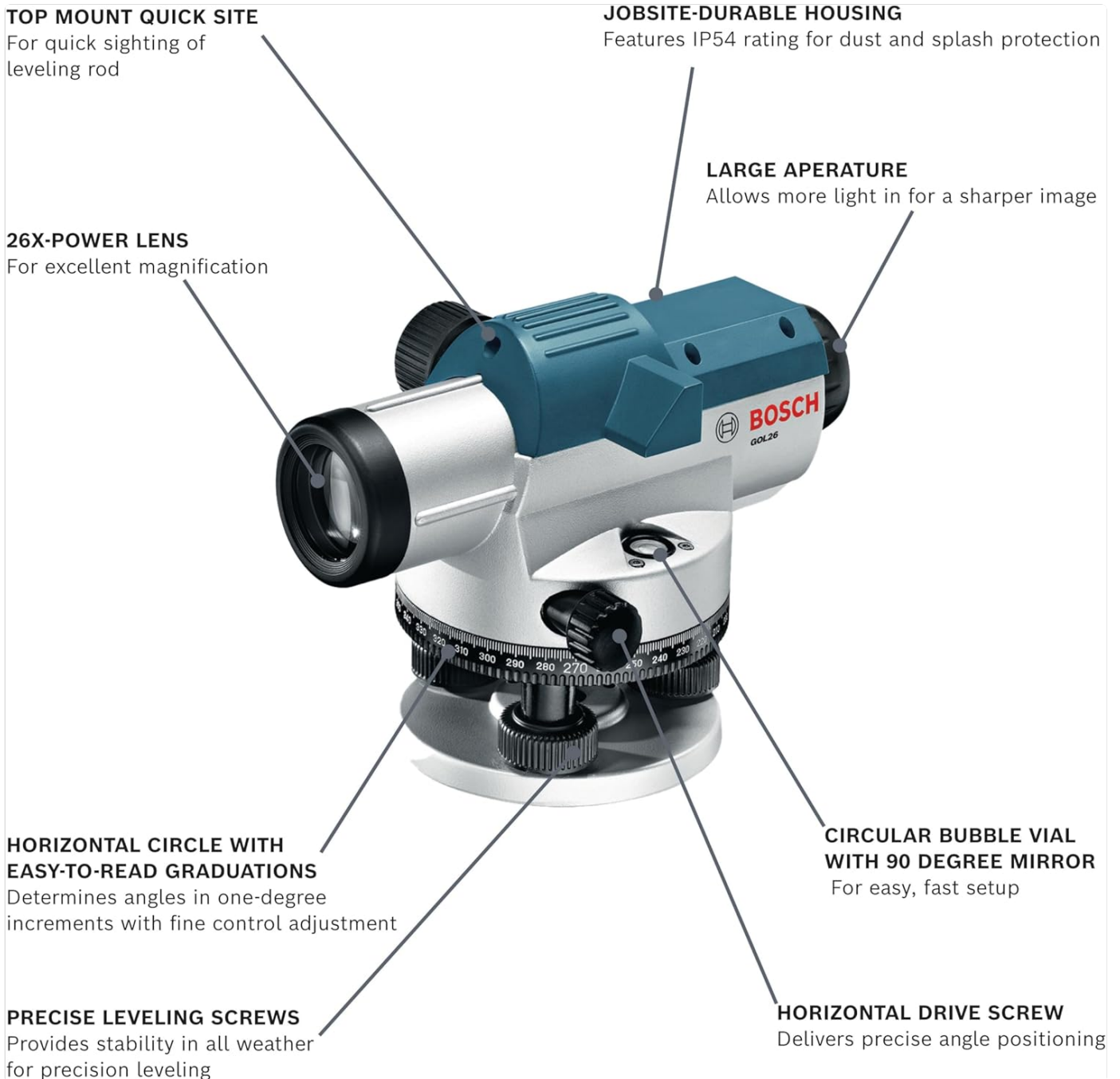


Figure 2: Key features of the BOSCH GOL26, including the 26x power lens, jobsite-durable housing, large aperture, horizontal circle with easy-to-read graduations, precise leveling screws, circular bubble vial with 90-degree mirror, and horizontal drive screw.

## INCLUDED COMPONENTS

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Your BOSCH GOL26 26X Automatic Optical Level package includes the following items:

- Automatic Optical Level (BOSCH GOL26)
- Plumb Bob
- Hard Carrying Case
- Tool Kit (for adjustments)
- Lens Cap

## SETUP

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Proper setup is crucial for accurate measurements. Follow these steps to prepare your optical level for use:

1. **Unpacking:** Carefully remove the optical level and all accessories from the hard carrying case.
2. **Mounting:** Securely mount the optical level onto a stable tripod. Ensure the tripod is placed on firm ground to prevent movement during operation.
3. **Rough Leveling:** Adjust the tripod legs to bring the circular bubble vial as close to the center as possible. The 90-degree mirror aids in viewing the bubble from various angles.
4. **Fine Leveling:** Use the precise leveling screws on the base of the instrument to center the bubble precisely within the circular vial. This ensures the instrument is perfectly level for accurate readings.
5. **Compensator Check:** The self-leveling compensator will automatically adjust the line of sight. Ensure the transport lock is disengaged before use.



Figure 3: A user setting up the BOSCH GOL26 optical level on a tripod at a construction site, demonstrating typical field use.



Figure 4: A close-up view of a hand making fine adjustments to the leveling screws on the optical level, ensuring precise calibration.

## OPERATING INSTRUCTIONS

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The BOSCH GOL26 is designed for straightforward operation, providing accurate measurements for various tasks.

1. **Sighting:** Look through the eyepiece and use the top mount quick sight for initial targeting of the leveling rod.
2. **Focusing:** Adjust the focus knob until the leveling rod's graduations are sharp and clear. The 26x power lens and large aperture provide excellent magnification and a bright image.
3. **Reading Measurements:** Use the horizontal and vertical crosshairs to align with the desired point on the leveling rod. The stadia lines can be used for estimating distances.
4. **Horizontal Angle Measurement:** The horizontal circle with easy-to-read graduations allows for precise angle determination in one-degree increments with fine control adjustment.
5. **Magnetic Dampening System:** The integrated magnetic dampening system quickly settles the compensator, reducing the effects of jobsite vibrations and ensuring stable readings.



Figure 5: A user looking through the eyepiece of the BOSCH GOL26 optical level, demonstrating the process of taking a measurement.



Figure 6: The BOSCH GOL26 optical level positioned on a tripod, with a person holding a leveling rod in the background, illustrating a typical measurement scenario.

## Official Product Video: Bosch 26X Automatic Optical Level GOL26

Your browser does not support the video tag.

Video 1: This video provides an overview of the Bosch GOL26 26X Automatic Optical Level, highlighting its features and benefits for quick and effortless leveling on any job site.

### MAINTENANCE

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To ensure the longevity and accuracy of your BOSCH GOL26 Automatic Optical Level, regular maintenance is recommended:

- **Cleaning:** After each use, gently wipe down the instrument with a soft, dry cloth. For the lens, use a specialized lens cleaning cloth and solution to avoid scratches.
- **Storage:** Always store the optical level in its hard carrying case when not in use. Engage the transport lock to protect the self-leveling compensator from damage during transport and storage.
- **Calibration Check:** Periodically check the calibration of your level. If you suspect any inaccuracies, refer to the troubleshooting section or contact Bosch service.
- **Environmental Protection:** The level is IP54 rated for dust and splash protection, but avoid prolonged exposure to extreme weather conditions.

### TROUBLESHOOTING

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If you encounter issues with your BOSCH GOL26, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Bubble not centering	Tripod not stable or leveling screws not adjusted correctly.	Ensure tripod is on firm ground. Re-adjust leveling screws slowly until bubble is centered.
Image is blurry	Focus knob not adjusted or lens is dirty.	Adjust the focus knob. Clean the lens with a soft, lint-free cloth.
Inaccurate readings	Instrument is out of calibration or transport lock is engaged.	Ensure transport lock is disengaged. If issues persist, the instrument may require professional calibration.
Compensator not settling	Excessive vibration or internal issue.	Move to a more stable location if possible. If the issue continues, contact customer support.

### SPECIFICATIONS

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- **Brand:** BOSCH
- **Model:** GOL 26
- **Magnification:** 26x
- **Accuracy:** +/- 1/16 inch at 100 feet
- **Operation Mode:** Automatic (Self-leveling compensator)
- **Durability:** IP54 rated (Dust and splash protection)
- **Included Components:** Automatic Optical Level, Plumb Bob, Hard Carrying Case, Tool Kit
- **Material:** Plastic, Metal
- **Color:** Blue
- **Product Dimensions:** 8.5"L x 5"W

- **Item Weight:** 3.7 Pounds

## WARRANTY AND SUPPORT

Bosch measuring and layout tools, including the GOL26, are covered by a one-year limited warranty. You can extend this warranty by an additional year when you register your tool within eight (8) weeks of purchase. This provides a total of two (2) years coverage.

For detailed warranty terms and conditions, please visit the official Bosch website or call customer support.

**Customer Support:** 1-877-BOSCH99



The graphic features the Bosch logo (a white circle with a stylized 'H') and the word 'BOSCH' in red on a dark blue background. To the right, the text 'Measuring & Layout Tools' is displayed in white. Below the logo, a white shield icon with a checkmark is positioned above the words 'LIMITED WARRANTY' in large white capital letters. A red rectangular box on the right contains the text '1 YEAR Tool' and '+1 YEAR\* When you register' in white. At the bottom left, a white asterisked note reads: '\*Register your tool within eight (8) weeks of purchase for a total of two (2) years coverage. For full terms, visit <https://rb-pt.io/PowerToolWarranty> or call 1-877-BOSCH99'.

Figure 7: Bosch's warranty information, indicating a 1-year limited warranty with an additional year upon product registration.

