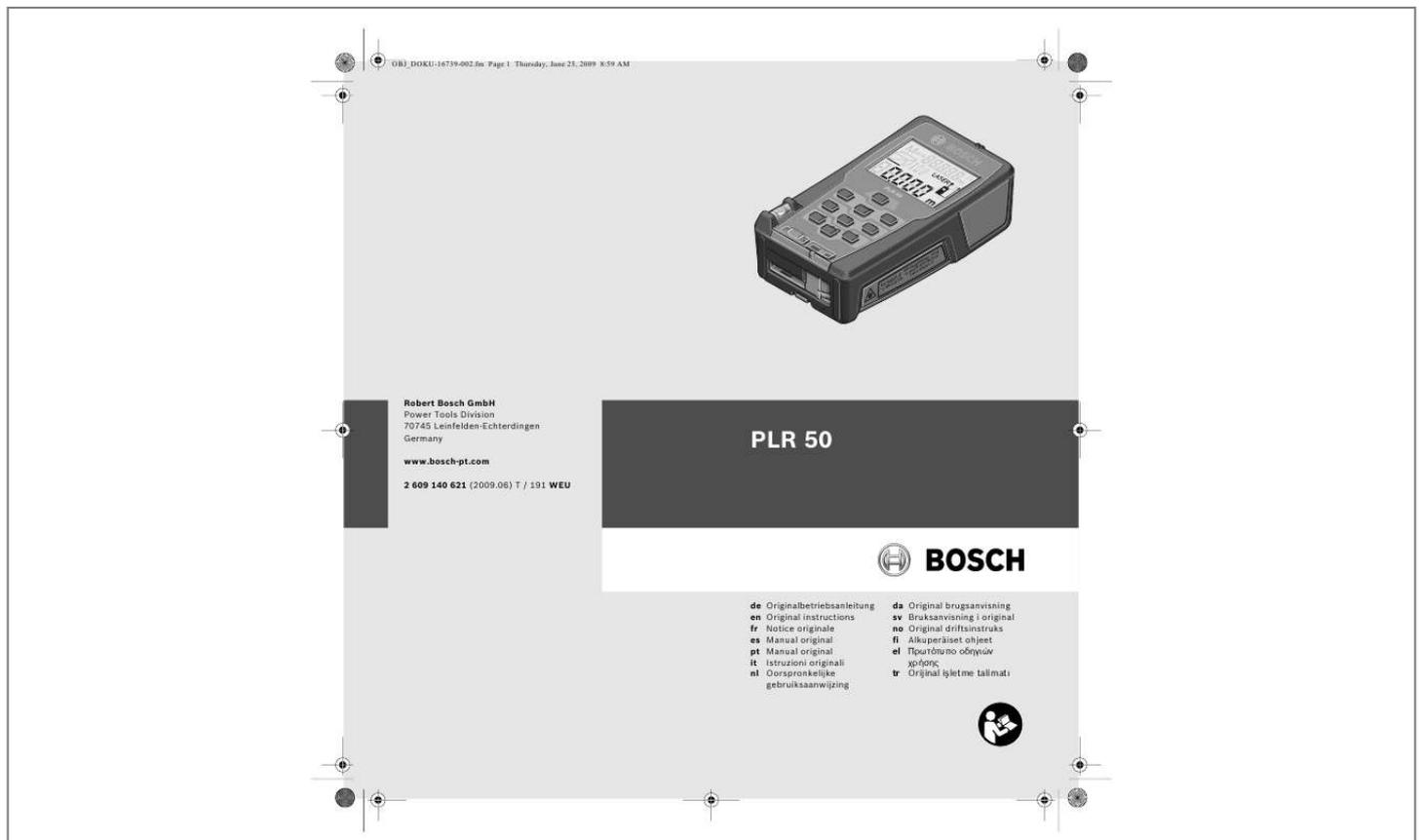




# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for BOSCH PLR 50. You'll find the answers to all your questions on the BOSCH PLR 50 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual BOSCH PLR 50  
User guide BOSCH PLR 50  
Operating instructions BOSCH PLR 50  
Instructions for use BOSCH PLR 50  
Instruction manual BOSCH PLR 50



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**Manual abstract:**

Never make warning labels on the measuring tool unrecognisable. **SAVE THESE INSTRUCTIONS.** Caution The use of other operating or adjusting equipment or the application of other processing methods than those mentioned here, can lead to dangerous radiation exposure. The measuring tool is delivered with a warning label in German language (marked with the number 13 in the representation of the measuring tool on the graphic page). Before putting into operation for the first time, attach the supplied sticker in your national language over the German text on the warning label. Do not direct the laser beam at persons or animals and do not stare into the laser beam yourself. This measuring tool produces laser class 2 laser radiation according to IEC 60825-1. This can lead to persons being blinded. Do not use the laser viewing glasses as safety goggles. The laser viewing glasses are used for improved visualisation of the laser beam, but they do not protect against laser radiation.

Do not use the laser viewing glasses as sun glasses or in traffic. The laser viewing glasses do not afford complete UV protection and reduce colour perception. Have the measuring tool repaired only through qualified specialists using original spare parts. This ensures that the safety of the measuring tool is maintained. Do not allow children to use the laser measuring tool without supervision.

They could unintentionally blind other persons or themselves. @@@@A) The working range increases depending on how well the laser light is reflected from the surface of the target (scattered, not reflective) and with increased brightness of the laser point to the ambient light intensity (interior spaces, twilight). When measuring outdoors at intense sunlight, it may be necessary to use the target plate. 05 mm/m must be taken into account. c) In the continuous measurement function, the maximum operating temperature is +40 °C.

D) Fewer measurements are possible when using 1. Please observe the article number on the type plate of your measuring tool. The trade names of the individual measuring tools may vary. The measuring tool can be clearly identified with the serial number 21 on the type plate. Fewer measurements are possible when using 1. When inserting, pay attention to the correct polarity according to the representation on the inside of the battery compartment. When the battery symbol appears for the first time on the display, at least 100 measurements are still possible. When the battery symbol flashes, the batteries/rechargeable batteries must be replaced; measurements are no longer possible. replace all batteries/rechargeable batteries at the same time. Do not use different brands or types of batteries/rechargeable batteries together.

Remove the batteries/rechargeable batteries from the measuring tool when not using it for longer periods. When storing for longer periods, the batteries/rechargeable batteries can corrode and discharge themselves. Protect the measuring tool against moisture and direct sun light. do not subject the measuring tool to extreme temperatures or variations in temperature. As an example, do not leave it in vehicles for longer periods. In case of large variations in temperature, allow the measuring tool to adjust to the ambient temperature before putting it into operation. in case of extreme temperatures or variations in temperature, the accuracy of the measuring tool can be impaired. Avoid heavy impact to or falling down of the measuring tool. After severe exterior effects to the measuring tool, it is recommended to carry out an accuracy check (see "Accuracy Check of the Measuring Tool", page 33) each time before continuing to work. When switching on the measuring tool, the laser beam is not switched on yet.

To switch off the measuring tool, press the On/Off button 7 for a few seconds. If none of the measuring tool buttons are pressed for approx. 5 minutes, the measuring tool switches off automatically in order to extend the service life of the battery. when a measured value has been stored, it is retained in automatic switch-off mode. When switching on the measuring tool again, "M" is indicated in the display.

measuring Procedure After switching on, the measuring tool is in the length measurement mode. Other measuring modes can be switched to by pressing the respective function/mode button (see "Measuring Functions", page 28). After switching on, the rear edge of the measuring tool is preset as the reference level for the measurement. to change the reference level, see "Selecting the Reference Level", page 28. Upon selection of the measuring function and the reference level, all further steps are carried out by pushing the measuring button 12.

With the reference level selected, place the measuring tool against the desired measuring line (e. @@ aim the laser beam at the target surface. Push the measuring button 12 again to initiate the measurement. @@@@ the end of the measurement is indicated by a signal tone. @@When no measurement has taken place approx. @@@@ g. @@ g. @@ g. When measuring onward from a table edge). @@@@@@ the measured value is indicated at the bottom in the display.

@@@@@The laser beam remains switched on between all three measurements. @@@@@@@@ in the illustrated example, the length B is to be determined. For this purpose, A and C must be measured. @@@@@@@@In this manner, as an example, you can move a certain distance away from a wall, while the actual distance can always be read. Move the measuring tool until the required distance value is indicated at the bottom of the display. When switching off the measuring tool, the value in the memory is retained. Storing/Adding Measured Values Push the memory add button 2 in order to store the current measured value a length, area or volume value, depending on the current measuring function. As soon as a value has been stored, "M" is indicated in the display and the "+" behind it briefly flashes. If a value is already stored in the memory, the new value is added to the memory contents, however, only when the measures of unit correspond. As an example, when an area value is in the memory and the current measured value is a volume value, the addition cannot take place.

"Error" briefly flashes in the display. Subtracting Measured Values Push the memory subtraction button 8 in order to subtract the current measured value from the memory value. As soon as a value has been subtracted, "M" is indicated in the display and the "" behind it briefly flashes. If a value is already stored in the memory, the new measured value can be subtracted only when the measures of unit correspond (see "Storing/Adding Measured Values"). Displaying the Stored Value Push the memory retrieve button 4 in order to display the value stored in the memory.

"M=" is indicated in the display. When the memory contents "M=" is indicated in the display, it can be doubled by pushing the memory add button 2 or set to zero by pushing the memory subtract button 8.



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*Deleting the Memory To delete the memory contents, first push the memory retrieve button 4, so that "M=" is indicated in the display. Then briefly press button 7; "M" is no longer indicated in the display. General Information The reception lens 20 and the laser beam outlet 19 must not be covered when taking a measurement.*

*The measuring tool must not be moved while taking a measurement (with the exception of the continuous measurement function). Therefore, place the measuring tool, as far as this is possible, against or on the measuring points. Measurement takes place at the centre of the laser beam, even when target surfaces are sighted at an incline. Influence Effects on the Measuring Range The measuring range depends upon the light conditions and the reflection properties of the target surface. For improved visibility of the laser beam when working outdoors and when the sunlight is intense, use the laser viewing glasses 22 (accessory) and the laser target plate 24 (accessory), or shade off the target surface. Influence Effects on the Measuring Result Due to physical effects, faulty measurements cannot be excluded when measuring on different surfaces. If required, use the laser target plate 24 (accessory) on these surfaces. Also, air layers with varying temperatures or indirectly received reflections can affect the measured value. Measuring with the Positioning Pin (see figures B and F) The positioning pin 14 is suitable for measuring out of corners (diagonal within a space) or from hard to reach areas, such as from roller-shell as spare parts. Exploded views and information on spare parts can also be found under: [www.](http://www.bosch-pt.com)*

*bosch-pt. Com Our customer service representatives can answer your questions concerning possible applications and adjustment of products and accessories.*

*@@@ Only for EC countries: Defective or dead out battery packs/batteries must be recycled according to the guideline 91/157/EEC. Battery packs/batteries no longer suitable for use can be directly returned at: Great Britain Robert Bosch Ltd. Subject to change without notice. Veuillez à ce que la distance A et la distance cherchée B forment un angle droit. L'utilisateur peut donc se déplacer par exemple d'un mur jusqu'à la distance souhaitée, la distance actuelle est toujours lisible sur l'afficheur. 1 Knapp för mätning av längd 2 Minnets additionsknapp "M+" 3 Knapp för yt- och volymmätning 4 Minnesavfrågningsknapp "M=" 5 Knapp för indirekt mätning av längd 6 Knapp för kontinuerlig mätning 7 På-Av-knapp och minnets raderingsknapp 8 Minnets subtraktionsknapp "M" 9 Knapp för val av referensplan 10 Display 11 Inriktningshjälp 12 Knapp mätning 13 Laservarningsskylt 14 Anslagsstift 15 Låsning av anslagsstiftet 16 Vattenpasslibell 17 Spärr på batterifackets lock 18 Batterifackets lock 19 Laserstrålens utgång 20 Mottagarlins 21 Serienummer 22 Lasersiktglasögon\* 23 Handlovsrem 24 Lasermåltavla\* 25 Skyddsfodral Orsak Mätverktygets drifttemperatur ligger utanför intervallet 10 °C till + 50 °C (vid funktionen kontinuerlig mätning till + 40 °C).*



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