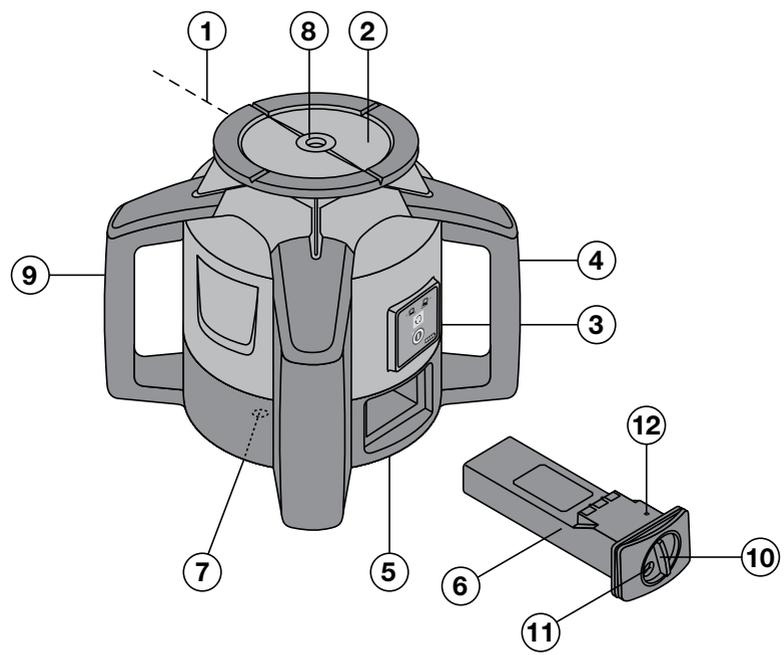
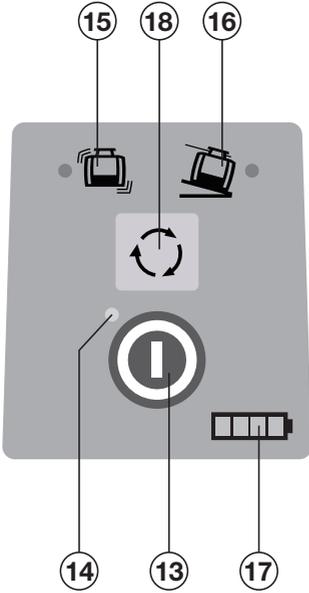


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Пайдалану бойынша басшылық	kk
取扱説明書	ja
사용설명서	ko
操作説明書	zh
操作说明书	cn

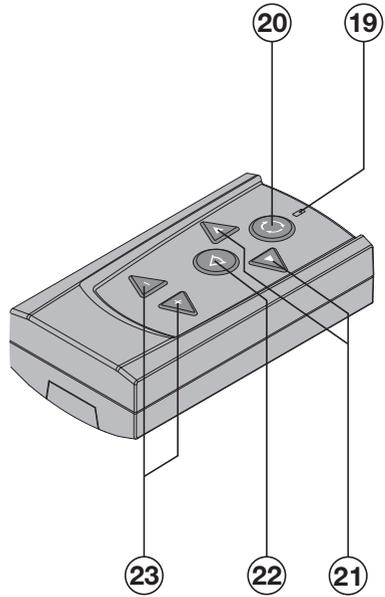




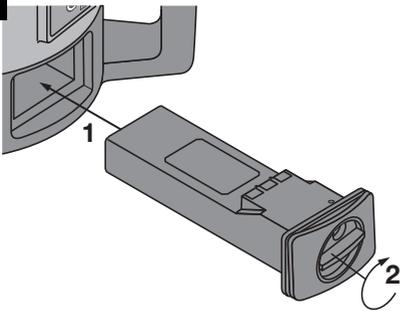
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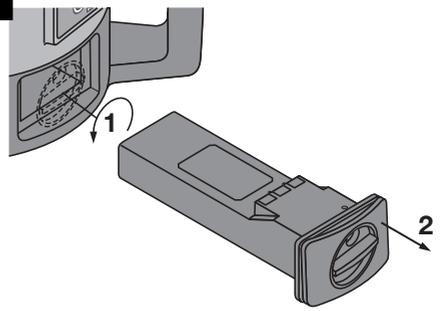
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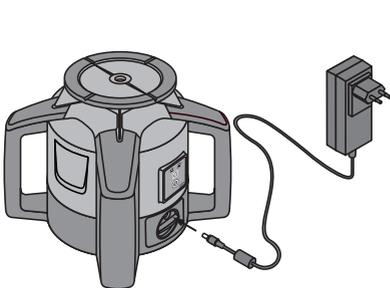
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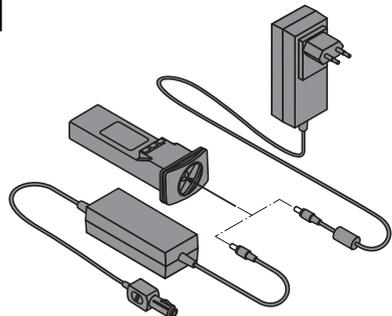
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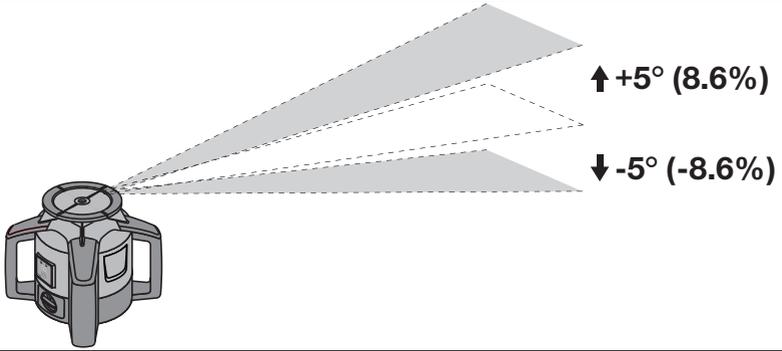
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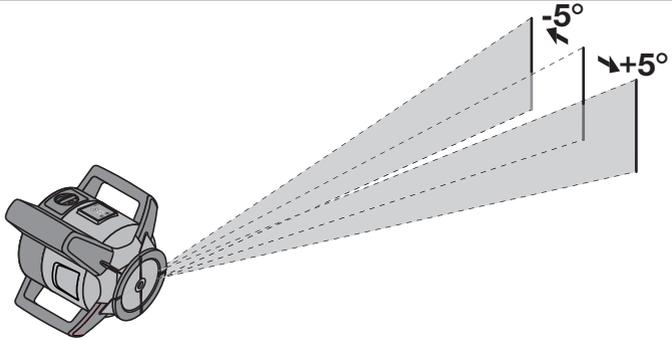
7



8



9



ORIGINAL OPERATING INSTRUCTIONS

PR 3 rotating laser

It is essential that the operating instructions are read before the tool is operated for the first time.

Always keep these operating instructions together with the tool.

Ensure that the operating instructions are with the tool when it is given to other persons.

Contents	Page
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1 These numbers refer to the illustrations. You can find the illustrations at the beginning of the operating instructions.

In these operating instructions, the designation "the tool" always refers to the PR 3 rotating laser.

Parts, operating controls and indicators **1**

PR 3 rotating laser

- 1 Laser beam (plane of rotation)
- 2 Rotating head
- 3 Control panel, display
- 4 Grip
- 5 Battery compartment
- 6 Li-ion battery
- 7 Base plate with $\frac{5}{8}$ " thread
- 8 90° reference beam
- 9 Pins
- 10 Catch
- 11 Charging cord socket
- 12 Battery status indicator LED

PR 3 control panel **2**

- 13 On/off button
- 14 Auto-leveling LED / "on" LED
- 15 Shock warning deactivation LED
- 16 Inclination angle LED
- 17 Battery status indicator
- 18 Speed of rotation button

PRA 2 remote control unit **3**

- 19 "Command sent" LED
- 20 Speed of rotation button
- 21 Direction buttons (left / right)
- 22 Line function button
- 23 Servo buttons

1 General information

1.1 Safety notices and their meaning

DANGER

Draws attention to imminent danger that will lead to serious bodily injury or fatality.

WARNING

Draws attention to a potentially dangerous situation that could lead to serious personal injury or fatality.

CAUTION

Draws attention to a potentially dangerous situation that could lead to slight personal injury or damage to the equipment or other property.

NOTE

Draws attention to an instruction or other useful information.

1.2 Explanation of the pictograms and other information

Symbols



Read the operating instructions before use.



General warning



Return materials for recycling



Do not look into the beam.



For indoor use only



Warning: caustic substances



Warning: electricity

RPM

Revolutions per minute

Symbol for Laser Class II / Class 2



Laser class II according to CFR 21, § 1040 (FDA)



Laser Class 2 in accordance with IEC/EN 60825-1:2007

Location of identification data on the tool

The type designation and serial number can be found on the type identification plate on the tool. Make a note of this data in your operating instructions and always refer to it when making an enquiry to your Hilti representative or service department.

Type: _____

Generation: 01 _____

Serial no.: _____

2 Description

2.1 Use of the product as directed

The Hilti PR 3 is a laser tool with a rotating laser beam and a reference beam set at 90° to the main beam. The tool is designed to be used for determining, checking / transferring levels, verticals, alignment, slopes and right angles, for example: transferring datum lines and heights, marking out partition walls (vertical and/or at right angles) or aligning equipment and components in three axes.

Use of tools or AC adapters which show visible signs of damage is not permissible.

Operation outdoors or in damp conditions in "Charging during operation mode" is not permissible.

Hilti supplies various accessories which allow the tool to be used with maximum efficiency.

The tool and its ancillary equipment may present hazards when used incorrectly by untrained personnel or when used not as directed.

To avoid the risk of injury, use only genuine Hilti accessories and insert tools.

Observe the information printed in the operating instructions concerning operation, care and maintenance.

Take the influences of the surrounding area into account. Do not use the appliance where there is a risk of fire or explosion.

Modification of the tool is not permissible.

2.2 Features

The tool allows a single person to level or align in any plane quickly and with great accuracy. Automatic leveling (within ±5°): The tool levels itself automatically after switching on. LEDs indicate the tool's current operating status. The tool can be set up directly on the floor, on a tripod, or with the aid of suitable mounting brackets.

The preset speed of rotation is 300 /min.

The tool is easy to set up and operate and features a rugged casing. The tool is powered by a rechargeable Li-ion battery which can be charged while the tool is in operation.

2.3 Horizontal plane

After switching on, the tool levels itself automatically by way of 2 built-in servo motors.

2.4 Vertical plane (automatic leveling)

Vertical alignment is carried out automatically. The +/- buttons on the PRA 2 remote control unit can be used to bring the vertical plane manually into alignment (rotate).

2.5 Slope

In inclined plane mode, the PRA 2 remote control unit can be used to manually adjust the slope by up to $\pm 5^\circ$. Alternatively, in inclined plane mode, the slope adapter can be used to achieve slopes of up to 60%.

2.6 Shock warning

The built-in shock warning function (becomes active one minute after completion of auto-leveling): The tool goes into warning mode if it is knocked off level (due to vibration or impact) while in operation: all LEDs blink; the head of the laser stops rotating; The laser beam is switched off.

2.7 Automatic cut-out

When automatic leveling is activated for one or both axes, the built-in servo system ensures that the specified accuracy is maintained.

The tool switches itself off if leveling is unsuccessful (when the tool is set up outside its self-leveling range or movement is blocked mechanically).

The tool switches itself off when knocked off level (vibration / impact).

When the tool has switched itself off, rotation stops and all LEDs blink.

2.8 Combination with the PRA 2 remote control unit

The PRA 2 remote control unit can be used to control the rotating laser conveniently from a distance. The remote control function can also be used to adjust alignment of the laser beam.

2.9 Operation in combination with Hilti laser receivers

Hilti laser receivers can be used to detect and indicate the laser beam at great distances. For further information, please refer to the operating instructions for the laser receiver.

NOTE

Depending on the version purchased, the laser receiver may not be included among the items supplied.

2.10 Speed of rotation

3 speeds of rotation are available for use (300, 600, 1500 /min).

2.11 Increasing the visibility of the laser beam

Depending on the working distance and ambient light, visibility of the laser beam may be impaired.

Visibility of the laser beam can be improved with the aid of the target plate and/or the laser visibility glasses.

When laser beam visibility is reduced due to bright sunshine, for example, we recommend use of the laser receiver (accessory).

2.12 Items supplied

- 1 PR 3 rotating laser
- 1 Operating instructions
- 1 PRA 2 remote control unit
- 1 Target plate
- 1 PRA 84 battery
- 1 PRA 85 mains adapter
- 2 Batteries (size AA cells)
- 2 Manufacturer's certificates
- 1 Hilti toolbox

2.13 Operating status indicators

The tool is equipped with the following operating status indicators: auto-leveling LED, inclination angle LED and shock warning LED.

2.14 LED indicators

All LEDs	All LEDs blink	The tool has been bumped, knocked off level or is exhibiting some other error.
Auto-leveling LED (green)	The green LED blinks.	The tool is in the leveling phase.
	The green LED lights constantly.	The tool has leveled itself / is operating normally.
Shock warning LED (orange)	The orange LED lights constantly.	Shock warning mode is deactivated.
Slope LED (orange)	The orange LED lights constantly.	Slope mode is active.

2.15 Charge status of the Li-ion battery during operation

LEDs light constantly	LEDs blink	Charge status C
LED 1, 2, 3, 4	-	$C \geq 75\%$
LED 1, 2, 3	-	$50\% \leq C < 75\%$
LED 1, 2	-	$25\% \leq C < 50\%$
LED 1	-	$10\% \leq C < 25\%$
-	LED 1	$C < 10\%$

2.16 Charge status of the Li-ion battery during charging while inserted in the tool

LEDs light constantly	LEDs blink	Charge status C
LED 1,2,3,4	-	= 100%
LED 1,2,3	LED 4	$75\% \leq C < 100\%$
LED 1,2	LED 3	$50\% \leq C < 75\%$
LED 1	LED 2	$25\% \leq C < 50\%$
-	LED 1	$C < 25\%$

2.17 Charge status of the Li-ion battery during charging while not inserted in the tool

If the red LED lights constantly, the battery is being charged.

If the red LED doesn't light, the battery is fully charged.

3 Accessories

Designation	Short designation	Description
Various tripods	PUA 20, PA 921, PUA 30 and PA 931/2	
Telescopic staffs	PA 951/961, PA 962, PUA 50 and PUA 55/56	
Slope adapter	PRA 78	
Car charging connector	PRA 86	
Height transfer device	PRA 81	
Target plate	PRA 50/51	
Laser visibility glasses	PUA 60	For improved laser beam visibility under difficult lighting conditions.

Designation	Short designation	Description
Wall mount	PRA 70/71	
Batter board adapter	PRA 750	
Facade adapter	PRA 760	
Vertical angle	PRA 770	
Laser receiver	PRA 31, PRA 38	
Laser receiver holder	PRA 80	
Remote control unit	PRA 2	

4 Technical data

Right of technical changes reserved.

PR 3

Receiving range (diameter)	With PRA 31 laser receiver: 2...300 m (6...900 ft)
Accuracy	per 10 m (± 0.75 mm) (per 33 ft ± 0.03 " horizontal distance 0.75 mm (0.03"), temperature 24°C (75° F)
Remote control range (radius)	with the PRA 2 remote control (in typical application situations), resting horizontally, up to: 1...30 m (3 ft. to 100 ft)
Laser class	Class 2, visible, 620-690 nm/Po < 4.85 mW \cong 300 /min; Class II (CFR 21 § 1040 (FDA) (IEC/EN 60825-1:2007)
Speed of rotation	300, 600, 1500 /min $\pm 10\%$
Self-leveling range	$\pm 5^\circ$
Power source	7.4 V / 5 Ah Li-ion battery
Battery life	Temperature +20°C (68°F), Li-ion battery: ≥ 30 h
Operating temperature range	-20... +50°C (-4°F to 122°F)
Storage temperature range (dry)	-25... +60°C (-13°F to 140°F)
Protection class	IP 56 (in accordance with IEC 60529) (not in "charging during operation" mode)
Tripod thread	$\frac{5}{8}$ " x 18
Weight (including battery)	2.4 kg (5.3 lbs)
Dimensions (L x W x H)	252 mm x 252 mm x 201 mm (10" x 10" x 8")

PRA 2

Mode of communication	Infrared
Detection range	up to 30 m (110 ft)
Dimensions (L x W x H)	88 mm X 50 mm X 28 mm (3.4" x 1.9" x 1.1")
Power source	2 AA batteries

PRA 84 Li-ion battery

Rated voltage (normal mode)	7.4 V
Maximum voltage (during operation or during charging while in operation)	13 V
Rated current	160 mAh
Charging time	2h 10min / +32°C (90°F) / Battery is 80% charged
Operating temperature range	-20... +50°C (-4...+122°F)

Storage temperature range (dry)	-25...+60°C (-13...+140°F)
Charging temperature range (also for charging during operation)	+0...+40°C (+32 to +104°F)
Weight	0.3 kg (0.7 lbs)
Dimensions (L x W x H)	160 mm x 45 mm x 36 mm (6.3" x 1.8" x 1.4")

en

PRA 85 AC adapter

AC supply	115...230 V
AC frequency	47...63 Hz
Rated power	36 W
Rated voltage	12 V
Operating temperature range	+0...+40°C (+32 to +104°F)
Storage temperature range (dry)	-25...+60°C (-13...+140°F)
Weight	0.23 kg (0.5 lbs)
Dimensions (L x W x H)	110 mm x 50 mm x 32 mm (4.3" x 1.7" x 1.3")

5 Safety instructions

5.1 Basic information concerning safety

In addition to the information relevant to safety given in each of the sections of these operating instructions, the following points must be strictly observed at all times.

5.2 General safety rules

- Do not render safety devices ineffective and do not remove information and warning notices.**
- Keep laser tools out of reach of children.**
- Failure to follow the correct procedures when opening the tool may cause emission of laser radiation in excess of class 2 or, respectively, class 3. **Have the tool repaired only at a Hilti service center.**
- Take the influences of the surrounding area into account. Do not use the tool where there is a risk of fire or explosion.**
- (Statement in accordance with FCC §15.21): Changes or modifications not expressly approved by the manufacturer can void the user's authority to operate the equipment.

5.3 Proper organization of the work area

- Secure the area in which you are working and take care to avoid directing the beam towards other persons or towards yourself when setting up the tool.**
- Avoid unfavorable body positions when working from ladders. Make sure you work from a safe stance and stay in balance at all times.**
- Measurements taken through or from panes of glass or through other objects may be inaccurate.
- Ensure that the tool is set up on a steady, level surface (not subject to vibration).**
- Use the tool only within its specified limits.**

- When working in "charging during operation" mode, attach the mains adapter in a secure position, e.g. on a tripod.**
- Use the appliance and its accessories etc. in accordance with these instructions and in the manner intended for the particular type of appliance. Take the working conditions and the work to be performed into account.** Use of appliances for applications different from those intended could result in a hazardous situation.
- Use of the telescopic staff in the vicinity of overhead high voltage cables is not permissible.**
- Take care to ensure that no other PR 3 is in use in the area. **The IR control system may influence the tool you are using.** Check the setup from time to time.

5.3.1 Electromagnetic compatibility

Although the tool complies with the strict requirements of the applicable directives, Hilti cannot entirely rule out the possibility of the tool being subject to interference caused by powerful electromagnetic radiation, leading to incorrect operation. Check the accuracy of the tool by taking measurements by other means when working under such conditions or if you are unsure. Likewise, Hilti cannot rule out the possibility of interference with other devices (e.g. aircraft navigation equipment).

5.3.2 Laser classification for laser class II appliances

The device complies with Laser Class 2 in accordance with IEC /EN 60825-1:2007 and Class II in accordance with CFR 21 § 1040 (FDA). This tool may be used without need for further protective measures. The eyelid closure reflex protects the eyes when a person looks into the beam unintentionally for a brief moment. This eyelid closure reflex, however, may be negatively affected by

medicines, alcohol or drugs. Nevertheless, as with the sun, one should not look directly into sources of bright light. Do not direct the laser beam toward persons.

5.4 General safety rules

- a) Check the condition of the tool before use. If the tool is found to be damaged, have it repaired at a Hilti service center.
- b) The user must check the accuracy of the tool after it has been dropped or subjected to other mechanical stresses.
- c) When the tool is brought into a warm environment from very cold conditions, or vice-versa, allow it to become acclimatized before use.
- d) If mounting on an adapter, check that the tool is screwed on securely.
- e) Keep the laser exit aperture clean to avoid measurement errors.
- f) Although the tool is designed for the tough conditions of jobsite use, as with other optical and electronic instruments (e.g. binoculars, spectacles, cameras) it should be treated with care.
- g) Although the tool is protected to prevent entry of dampness, it should be wiped dry each time before being put away in its transport container.
- h) Check the tool before using it for important measuring work.
- i) Check the accuracy of the measurements several times during use of the tool.
- j) Use the mains adapter only for connecting to the mains supply.
- k) Check to ensure that the tool and mains adapter do not present an obstacle that could lead to a risk of tripping and personal injury.
- l) Ensure that the workplace is well lit.
- m) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- n) Check the condition of the extension cord and replace it if damage is found. Do not touch the mains adapter if the extension cord or mains adapter are damaged while working. Disconnect the supply cord plug from the power outlet. Damaged

supply cords or extension cords present a risk of electric shock.

- o) Do not expose the supply cord to heat, oil or sharp edges.
- p) Never operate the mains adapter when it is dirty or wet. Dust (especially dust from conductive materials) or dampness adhering to the surface of the mains adapter may, under unfavorable conditions, lead to electric shock. Dirty or dusty tools should thus be checked at a Hilti service center at regular intervals, especially if used frequently for working on conductive materials.
- q) Avoid touching the contacts.

5.4.1 Battery tool use and care

- a) Use only the Hilti battery approved for use with this tool.
- b) Do not expose batteries to high temperatures and keep them away from fire. This presents a risk of explosion.
- c) The batteries must not be taken apart, crushed, heated to more than 75°C (167°F) or burnt. A risk of fire, explosion or injury through contact with caustic substances may otherwise result.
- d) Avoid ingress of moisture. Moisture in the interior of the tool may cause a short circuit and chemical reactions resulting in burns to the skin or fire.
- e) Use only batteries of the type approved for use with the applicable tool. Use of other batteries or use of the batteries for purposes for which they are not intended presents a risk of fire and explosion.
- f) Observe the special guidelines applicable to the transport, storage and use of Li-ion batteries.
- g) Avoid short circuiting the battery terminals. Check that the battery terminals and the terminals in the device are free from foreign objects before inserting the battery in the device. Short circuiting the battery terminals presents a risk of fire, explosion and chemical burns.
- h) Do not charge or continue to use damaged batteries (e.g. batteries with cracks, broken parts, bent or pushed-in and/or pulled-out contacts).
- i) Use only the specified battery to power the tool and use only the PRA 85 mains adapter or PRA 86 car charging connector for charging. Failure to observe these points may result in damage to the tool.

6 Before use

NOTE

The tool may be powered only by the Hilti PRA 84 battery.

6.1 Switching the tool on

Press the on / off button.

NOTE

After switching on, the tool begins to level itself automatically.

6.2 LED indicators

Please refer to section 2 "Description".

6.3 Battery use and care

Store the battery in a cool, dry place. Never store the battery where it is exposed to direct sunlight or sources of heat, e.g. on heaters / radiators or behind a motor

vehicle windscreen. Batteries that have reached the end of their life must be disposed of safely and correctly to avoid environmental pollution.

6.4 Charging the battery



DANGER

Use only the specified Hilti batteries and Hilti AC adapters listed under “Accessories”.

6.4.1 Charging a new battery for the first time

Charge the battery fully before using it for the first time.

NOTE

Make sure the system to be charged is standing securely.

6.4.2 Charging a previously used battery

Ensure that the outer surfaces of the battery are clean and dry before inserting it in the tool.

Li-ion batteries are ready for use at any time, even when only partly charged. During charging, progress is indicated by the LEDs on the tool.

6.5 Fitting the battery 4

DANGER

Use only the specified Hilti batteries and Hilti AC adapters listed under “Accessories”.

CAUTION

Before inserting the battery in the power tool, check to ensure that the battery terminals and the contacts in the power tool are free from foreign objects.

1. Push the battery into the tool.
2. Turn the catch in a clockwise direction to the second detent (the “locked” symbol is displayed).

6.6 Removing the battery 5

1. Turn the catch in a counterclockwise direction from the second detent back to the “open” position (the “unlocked” symbol is displayed).
2. Pull the battery out of the tool.

6.7 Options for charging the battery

DANGER

The PRA 85 mains adapter is for indoor use only. Avoid ingress of moisture.

6.7.1 Charging the battery in the tool 6

NOTE

When charging, check that the temperature is within the recommended charging temperature range (0 to 40°C/32 to 104°F).

1. Swing the cover to the side so that the charging cord socket becomes accessible.
2. Plug the charging cord from the AC adapter or motor vehicle power adapter into the battery.
3. During charging, the charge status is indicated by the battery status LEDs on the tool (the tool must be switched on).

6.7.2 Charging the battery outside the tool 7

NOTE

When charging, check that the temperature is within the recommended charging temperature range (0 to 40°C/32 to 104°F).

1. Remove the battery from the tool and connect it to the AC adapter or motor vehicle power adapter.
2. The red LED on the battery lights while charging is in progress.

6.7.3 Charging the battery while the tool is in operation 6

CAUTION

Avoid ingress of moisture. Moisture in the interior of the tool may cause a short circuit and chemical reactions resulting in burns to the skin or fire.

1. Swing the cover to the side so that the charging cord socket becomes accessible.
2. Connect the charging cord from the AC adapter to the battery.
3. The tool continues to operate while charging is in progress.
4. During charging, the charging status is indicated by the LEDs on the tool.

7 Operation

7.1 Working in the horizontal plane 8

1. Set up the tool in a steady position suitable for the application, e.g. on a tripod.
2. Press the on / off button.
The auto-leveling LED blinks green.
3. The laser switches on and the beam begins to rotate as soon as the tool has leveled itself.
The green auto-leveling LED lights constantly.

7.2 Working in the vertical plane 9

1. When working in the vertical plane, place the tool on its metal feet so that the control panel faces upwards. Alternatively, the rotating laser may also be mounted on a suitable tripod, wall bracket, facade adapter or batter board adapter.
2. Adjust the tool so that its vertical axis is positioned in the required direction.

- In order to ensure that the tool's specified accuracy can be maintained, make sure that it is set up on a level surface or mounted sufficiently level on the tripod or other accessory.
- Press the "On / off" button.
After the tool has leveled itself automatically, it projects a stationary laser beam vertically downwards. This projected point is the reference point and is used to position the tool.
- Press the rotation button in order to see the laser beam in the entire plane of rotation.
- The vertically rotating beam can be moved to the left or right by up to 5° by pressing the + and - buttons on the remote control unit.

7.3 Working with slopes

NOTE

For optimum results, check that the PR 3 is correctly aligned. The best way to do this is by selecting 2 points on the left and right of the tool, each at 5 m (16 ft), but parallel to the tool axis. Mark the height of the horizontal plane and then, after setting the slope, mark the heights. The tool is aligned optimally only when these heights are identical at both points.

7.3.1 Setting the slope manually

- To activate the inclined plane function, press the on / off button on the tool for at least 8 seconds when switching on.
- After 8 seconds, the inclined plane LED lights constantly indicating that the inclined plane function is activated.
- Release the button.
- The horizontal plane is then no longer monitored.
- After leveling itself, the laser beam will begin to rotate.
- To incline the plane of rotation, press the + or - button on the remote control unit. Alternatively, the slope adapter (accessory) can also be used.
- To return to the standard operating modus, the tool must be switched off and then restarted.

7.3.2 Setting the slope with the aid of the PRA 76/78 slope adapter

NOTE

Check that the slope adapter is fitted correctly between the tripod and the tool (please refer to the operating instructions).

7.4 Working with the PRA 2 remote control unit

The PRA 2 remote control unit makes working with the rotating laser more convenient and is required in order to make use of certain functions.

7.4.1 Selecting the speed of rotation (revolutions per minute)

After switching on, the rotating laser always begins to operate at a speed of 300 revolutions per minute. Working at a slow speed of rotation can, however, make the laser beam appear much brighter. A high speed of rotation makes the laser beam appear more stable. The speed of rotation can be changed from 300/min to 600/min to 1500/min by pressing the speed control button several times.

7.4.2 Line function

The area covered by the laser beam can be reduced to a line by pressing the line function button on the remote control unit. The laser beam then appears considerably brighter. The length of the line can be adjusted by pressing the line function button several times. The length of the line depends on the distance between the laser and the wall or the working surface. The laser line can be shifted to the left or the right, as desired, by pressing the direction buttons (right/left).

7.5 Deactivating the shock warning system

- Press the on / off button on the tool for at least 4 seconds when switching on.
- The shock warning LED lights constantly, indicating that the function has been deactivated.
- Release the on / off button.
- To return to the standard operating modus, the tool must be switched off and then restarted.

7.6 Working with the laser receiver (accessory)

The laser receiver can be used at distances of up to 150 m (492 ft) or when working in unfavorable light. The laser beam is indicated by visual and audible signals.

NOTE

For further information, please refer to the operating instructions for the laser receiver.

8 Care and maintenance

8.1 Cleaning and drying

- Blow dust off the laser exit window.
- Do not touch the laser exit apertures and filter with the fingers.

- Use only a clean, soft cloth for cleaning. If necessary, moisten the cloth slightly with pure alcohol or a little water.

NOTE Do not use any other liquids as these may damage the plastic components.

4. Check the temperature limit values when storing your equipment, especially in winter and summer, if you are keeping your equipment stored inside a vehicle (-25 °C to +60 °C (77°F to 140°F)).

8.2 Care of the Li-ion battery

Do not allow moisture to enter the device.

In order to achieve maximum battery life, stop drawing power from the battery as soon as a significant drop in the performance of the device is noticed.

NOTE

If use of the tool continues, further battery discharge will be stopped automatically before the battery cells suffer damage. The tool switches itself off.

Charge the batteries with the Hilti chargers approved for use with Li-ion batteries.

NOTE

- A conditioning charge (as is required with NiCd batteries) is not necessary.
- Interruption of the charging procedure has no negative effect on battery life.
- Charging can be started at any time with no negative effect on battery life. There is no memory effect (as with NiCd batteries).
- For best results, batteries should be stored fully charged in a cool, dry place. Storing the battery in places subject to high ambient temperatures (e.g. at a window) has an adverse effect on battery life and increases the rate of self-discharge.
- If the battery no longer reaches full charge, it may have lost capacity due to aging or overstraining. It is possible to continue working with a battery in this condition but it should be replaced in good time.

8.3 Storage

Unpack the tool if it has become wet. Clean and dry the tool, its transport container and any accessories. Repack the equipment only once it is completely dry. Check the accuracy of the equipment before it is used after a long period of storage or transportation.

8.4 Transport

Use the Hilti toolbox or packaging of equivalent quality for transporting or shipping your equipment.

CAUTION

Always remove the battery from the tool before shipping.

8.5 Hilti Measuring Systems Service

Hilti Measuring Systems Service checks the tool and, if deviations from the specified accuracy are found, recalibrates the tool and checks it again to ensure conformity with specifications. The service certificate provides written confirmation of conformity with specifications at the time of the test.

The following is recommended:

1. The tool should be checked at suitable intervals, depending on the frequency of normal use.
2. The tool should be checked at least once a year by a Hilti Measuring Systems Service Center.
3. The tool should be checked by a Hilti Measuring Systems Service Center if it has been abused in any way.
4. The tool should be checked by a Hilti Measuring Systems Service Center before being used for particularly important work.

Having the tool checked by a Hilti Measuring Systems Service Center does not relieve the user of his/her obligation to check the tool before and during use.

9 Disposal

WARNING

Improper disposal of the equipment may have serious consequences:

The burning of plastic components generates toxic fumes which may present a health hazard.

Batteries may explode if damaged or exposed to very high temperatures, causing poisoning, burns, acid burns or environmental pollution.

Careless disposal may permit unauthorized and improper use of the equipment. This may result in serious personal injury, injury to third parties and pollution of the environment.



Most of the materials from which Hilti tools or appliances are manufactured can be recycled. The materials must be correctly separated before they can be recycled. In many countries, Hilti has already made arrangements for taking back old tools and appliances for recycling. Ask Hilti customer service or your Hilti representative for further information.



For EC countries only

Do not dispose of electronic measuring tools or appliances together with household waste.

In observance of the European Directive on waste electrical and electronic equipment and its implementation in accordance with national law, electrical appliances and batteries that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.



Dispose of the batteries in accordance with national regulations. Please help us to protect the environment.

en

10 Manufacturer's warranty - tools

Please contact your local Hilti representative if you have questions about the warranty conditions.

11 FCC statement (applicable in US) / IC statement (applicable in Canada)

CAUTION

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and may radiate radio frequency energy. Accordingly, if not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television recep-

tion, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by taking the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Consult your dealer or an experienced TV/radio technician for assistance.

NOTE

Changes or modifications not expressly approved by Hilti could limit the user's right to operate the equipment.

12 EC declaration of conformity (original)

Designation:	Rotating laser
Type:	PR 3
Generation:	01
Year of design:	2011

We declare, on our sole responsibility, that this product complies with the following directives and standards: until 19th April 2016: 2004/108/EC, from 20th April 2016: 2014/30/EU, 2011/65/EU, 2006/42/EC, 2006/66/EC, EN ISO 12100.

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