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You can read the recommendations in the user guide, the technical guide or the installation guide for MAKITA SKR301. You'll find the answers to all your questions on the MAKITA SKR301 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MAKITA SKR301
User guide MAKITA SKR301
Operating instructions MAKITA SKR301
Instructions for use MAKITA SKR301
Instruction manual MAKITA SKR301

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Manual abstract:

4 Other Accessories 12 9 5 3 Although the SKR301 is very simple to use, we recommend that you read this manual before operating the laser. 1 Description The SKR301 is an automatic visible laser that can be used for leveling, vertical alignment, plumbing and squaring. applications include installing suspended ceilings, technical flooring, partitions and a variety of outdoor alignment work. The SKR301 laser has these advanced features: Automatic self-leveling in both horizontal and vertical modes Choice of beams: rotating plane, scanning, chalk line, single point or constant squaring Easy electronic calibration Square shot that is left/right adjustable Caution: The SKR301 is a class II or III R (US version) laser and is manufactured to comply with the international rules of safety IEC 285. Although the power of the emission of the beam does not exceed 1mW in Class II and 2mW in Class IIIa, the following cautions are recommended: Do not stare directly at the laser beam 13 13 2 3 1. Laser rotation control to the left + speed control Save calibration data 15. Moving the square shot to the right / Move beam down 17. Moving the square shot to the left / Move beam up 18. The laser does a self-test when turned on. The beam blinks while the laser is self-leveling.

After it has leveled, the head will start to rotate. Once the instrument has self-leveled, the laser head will start rotating. You can choose to have constant rotation by using the manual mode. Will work only when selected. The Tilt function is also known as the H.

Use this feature only in automatic mode, not in manual. Push the Tilt key (22) after turning the instrument on. The red light above the Tilt key will blink when operating in this mode. If the laser is disturbed, the head will stop rotating and the red light will be on continuously. Turn the laser off, wait 5 seconds, and turn it on again (check that the beam is at its original reference).

2. Stop the head rotation by pressing key (14) or (15). 3. To position the rotating vertical plane perpendicular to a reference line: Align the arrow (5) located below the beam aperture with the index (6) located above the retractable foot (there is also an index mark on the foot). Move the laser so that the beam is over the reference point on the ground, keeping the arrow and index aligned. Align the beam projecting from the top of the head to your second reference point with key (16) or (17) on the laser or with the detector or remote control. (This beam is 90°, or square, to the other vertical plane beam). Press the On/Off key (24) to switch the laser on. To select the Manual mode, press key (20).

To stop the rotation, press once on the opposite key. 7. To turn the laser off, press key (24). The laser beam is more visible in slow motion. It is possible to stop the rotation and point the beam manually to view the beam over long distances. 2. 7 Using the chalk line Ideal for viewing at short distances. To use the laser line feature, hold the head and rotate the top cover (12) so that the beam comes out of the laser line aperture (4).

2. You can move the line by rotating the head manually or by using the remote control. The LDR180 detector will not work with the chalk line feature. 2. 4 Vertical setup No accessories are needed for this position.

The SKR301 can be used directly on the ground. However, it can be used on a mount for a better setup. 1. Flip up the retractable foot (7). Place the instrument in vertical position, resting on this foot.

Use the adjustable feet (8) to rough level the laser. Once the instrument is leveled, the head will start rotating. 2. 8 Using the scanning mode Allows you to see the beam easier when the laser is further away. To use the scanning feature, turn the laser on. The laser should be in 'point' mode. Put the laser on the ground and repeat steps 1 and 2 for vertical use. 6 If it is in chalk line, hold the head and rotate the top cover (12) so that the beam comes out of the beam aperture (3). To put laser on scan mode, use keypad, detector, or remote. The beam will blink until it has self-leveled, and then will start scanning.

2. Use (14) or (15) to aim the scan. 3. Use the bottom two keys to adjust the scanning length. To turn the scanning off, simultaneously press (14) and (17) again. 1. 2. 9 Manual slope 1. To switch to the Y axis, press the Tilt key (22). Later recharges The SKR301 can be charged while working.

To ensure battery life, do not charge over 20 hours. The battery and the charger can be damaged if damp. Always store and charge your instrument in a dry and covered place. 4. Put the battery back into its place and tighten the screw.

Your A 410 is ready for use. to replace batteries 1. 2. Replace both batteries at the same time. 8 3.

8 3. If the laser needs to be calibrated, follow the instructions or take it to a service centre. If you have not moved the laser, use the X marks made in Steps 3 and 4 of 3. Mark the spot that's halfway between the two marks. 6. With X 2 facing the marks, bring the laser beam up or down to the centre mark by using (16) or (17) on the laser keypad or (2) or (3) on the detector or remote. 7. Next, check Y axis against centre mark. Turn the laser 90° so that Y 2 faces the wall. If the beam is not on the centre mark, calibrate Y.

The Y LED will blink rapidly, indicating that the laser is ready to be calibrated in the axis. 2. If you have not moved the laser, use the centre mark from above. Bring the laser beam up or down to that centre spot by using (16) or (17) on the laser keypad or (2) or (3) on the detector or remote. Position it so that the X 1 is facing the wall. 3. Mark the location of the beam. After 90 seconds, mark the location of the beam near the first mark. 5. Both measurements must be at the same place.

at 100 ft., the marks should be no more than 1/8" apart. at 50 ft., the marks should be no more than 1/16" apart. If the marks are close enough, X axis is within calibration.

The second axis (Y) must then be checked (see Step 7). 7. If the marks are more than 1/8" apart at 100 ft. 2 Horizontal calibration The laser must be calibrated to bring the beam to the centre of the two marks (Steps 3-4 in 3. The calibration is easily done using the laser keypad, remote control, or detector.

x axis calibration 1. Turn the laser off before switching to calibration mode. Simultaneously press two laser keys, On/Off and auto/man. 2. After a few seconds, release On/Off key. 3. The X LED indicator (23) will blink, then the y LED (21). The X LED (23) will blink rapidly, indicating the laser is ready to 10 3. Away from a plumb line (plumb bob hanging on a string, at least 8 ft. high).

If you need to calibrate, beam will be easier to see in a darkened room. 2. Use the adjustable feet to rough level the laser.



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Stop the rotation so that the beam is a point. 4. Hold the laser head and move the beam up and down the entire length of the plumb line by hand. If the beam is slanted, and not vertical like the plumb line, the z axis needs calibration. Turn the laser off before switching to calibration mode. After a few seconds, release On/Off key. 3.

The X LED indicator (23) will blink, then the Y LED (21). @ @ 5. @ @ 5. Saving the calibration The laser is now calibrated in Z axis. @ @ @ @ 5.

@ @ @ @ Under no circumstances will the liability of the manufacturer exceed the cost of repairing or replacing the instrument. Disassembling the instrument by other than qualified technicians will void this warranty. Specifications subject to change without notice. Care and handling CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. 1.

The SKR301 is a precision instrument which must be handled with care. avoid shock and vibrations. Always store and transport the laser and accessories in the carrying case. 2. Although weather resistant, your accuracy depends on beam diameter and distance to the laser.



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