Thank you for purchasing the Nikon Laser 1200. This high-precision laser rangefinder has a waterproof design in order to be used for sports, leisure and other outdoor situations. The Nikon Laser 1200 also supports the measuring accuracy of existing Nikon Laser Rangefinders. Please observe the following guidelines strictly so you can use the equipment properly and avoid potentially hazardous problems. Before using this product, read thoroughly the “SAFETY PRECAUTIONS” and instructions on correct usage accompanying the product. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Key Features

- Specifications and designs are subject to change without notice.
- No reproduction in any form of this manual, in whole or in part (except for brief quotations in critical articles or reviews), may be made without written authorization from NIKON VISION CO., LTD.

- Measuring range: 10m/33ft/half yd to 1,200 yards
- Distance measurement display: 0.1yd/m/0.1 m (≥1,000m/yards)
- 1yard/1m (≥1,000yards)
- Display: 7x [ + ]
- Optical system: 7x [ + ]
- Compact, ergonomic design
- 8-second results display
- Waterproof design (NOT designed for underwater usage)
- Backlight LCD for situations with little or no light.
- Easy-to-aim 7x optical observation system
- Dioptr adjustment function

The Nikon Laser 1200 emits invisible, eyesafe, infrared energy pulses that reflect off the selected target back to its optical receiver. Sophisticated precision charge circuitry is used to instantaneously calculate distances, by measuring the time it takes for each pulse to travel from the rangefinder to the target and back. The maximum range of the instrument depends on the reflectivity of the target, its color, surface finish, size, and shape.

The following factors ensure best range and accuracy:

- Nighttime use
- Cloudy weather
- Bright-colored targets
- Targets with highly reflective surfaces
- Targets with shiny exterior
- Larger-size targets
- Measuring target facing at 90 degrees

Measurement may result in inaccuracy or failure in the following cases:

- Slender or small target
- Target has different reflective surfaces
- Target does not reflect the laser beam (glass, a mirror, etc.)
- Black target
- Target has pronounced depth
- Too close or off
- Target measured through glass
- Reflective mirror or metallic surface measured from diagonal direction
- Moving target
- Obstacle moving in front of the target

When targeting the surface of water

- Do not aim a laser beam at the water surface. (e.g., e.g. a water surface in a lake, river, or sea)
- Do not use the Nikkor Laser 1200 in deep water. Ultrasonic rays and excessive heat may negligibly affect or even damage the equipment.
- When the Nikkor Laser 1200 is exposed to sudden changes in temperature, water condensation may occur on lens surfaces. Do not use the product until the condensation has evaporated.
- Do not use alcohol for cleaning the body.

- Do not touch the polyethylene bag used for packaging within the reach of small children.
- Be careful that small children do not inadvertently swallow the continuous operating button.
- If you use the rubber eyepiece for a long time, you may suffer skin inflammation. If you develop any symptoms, consult a doctor immediately.
- When carrying the Nikon Laser 1200, store it in the soft case. If your Nikon Laser 1200 should fall or operate incorrectly, discontinue use immediately and consult the Troubleshooting Table. If you are unable to fix the problem, contact your local dealer for instructions on how to send it for repair.

CAUTIONS BEFORE USE

Please observe the following guidelines strictly so you can use the equipment properly and avoid potentially hazardous problems.

- SAFETY AND PRECAUTIONS

1. Write these indications (listed below) on a table. If you are unable to fix the problem, contact your local dealer for instructions on where to send it for repair.

2. Never look directly at the laser beam or direct sunlight. It may cause eye damage.

3. Carefully check the lens surface.

4. Do not open the battery chamber cover, as it may not open easily due to its O-ring seal for water and dust resistance.

5. Open the battery chamber cover

6. When using the Nikkor Laser 1200 in deep water, ultrasonic rays and excessive heat may negligibly affect or even damage the equipment.

7. Do not subject lasers to extremes in temperature.

- Change Battery

- Type of battery: 3V CR2 lithium battery

- Battery charge indicators

- Battery charging is getting low.

- Battery is exhausted and should be replaced.

- Changing Battery

Insert a coin or similar item into the slot in the battery chamber cover, and rotate it following the “Open/Close” indication. The cover may not open easily due to its O-ring seal for water and dust resistance.

- Close the battery chamber cover

- Some cover back in place using a coin or similar item. The cover may not close easily due to the O-ring seal for water and dust resistance. Confirm that the cover is correctly closed.

Battery life

- Continuous operation: Approx. 5,000 times (with backlit off at 20°C)

- Target focusing, measurement, and automatic power off are included in a single cycle. This figure may differ according to temperature, and other factors such as target shape, color, etc.

- The laser beam emitted with a 3V CR2 lithium battery. However, due to natural electrical discharge, the life of the battery will be shorter than that indicated above.

- Replace battery if the Laser 1200 is ever submerged in water or if water enters the battery chamber.

Nomenclature

- Monocular objective lens/Laser emission aperture
- Laser detector aperture
- MO42 button
- POWR button
- 7x monocular eyepiece
- Diopter adjustment ring
- Diaper index
- Strap eyepiece
- Battery chamber cover
- Battery chamber cover “Open/Close” indication
- Tripod socket
- Product number/registration label

Status of the Internal Display

1. [ ] — Target (lapping system)

Use to take aim at the target. Position the target at the center of the reticle, which will always appear in the display.

2. [ ] — Distance/measurement status display

Displays indicates measured distance in meters (yards). Also indicates measuring range when “Measurement in progress”, “Measurement unsuccessful”, or “Unable to measure”.

Display of readout: (≥1,000yards) e.g. 1.576 x 1/3" = [ ]

3. [ ] — Now measuring

4. [ ] — Failure to measure or unable to measure distance

5. [ ] — Indicates distance being measured in meters.

6. [ ] — Indicates distance being measured in yards.

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Exercise care when operating the Laser 1200:

1. Install a battery in the battery chamber. (See “Changing Batteries”)
2. Rubber eyepiece cup: Remove the eyepiece cups. Do not collapse the eyepiece cups.
3. Diopter adjustment: Adjust diopter to obtain a clear image in the LCD. If the diopter is not adjusted to correspond to your eyesight, you may not be able to clearly focus your subject.

4. Measuring:

Note: Depressing and holding down the POWER button causes all symbols to be displayed in the LCD panel. If you press the POWER button, the last-used setting is displayed. If you briefly press the POWER button then release the POWER button, the LCD panel may display the last-used setting without displaying all of the symbols. (This is not a malfunction or other problem.)

5. LCD panel:

- LCD panel should be on.
- Press and hold MODE button for more than 1.5 seconds to display the measurement results.
- When the first Target Priority is selected and does not appear when Distance Target Priority is selected.
- Continuous measurement

6. Selecting target priority:

Target Priority Switch System allows you to select display mode from First Target Priority and Distant Target Priority.

7. Power off:

Before display disappears:

- Power on. Last use default settings are active. Backlight off.
- Power off. Last use default settings are active. Backlight off.

8. Symptom check points:

- Be sure the target is within measuring range (10 – 1,100m/11-1,200 yards).
- Be sure to hold the unit steady while depressing the POWER button.
- Be sure that nothing, such as leaves or grass, is between the Laser 1200 and the target.
- Measurement result is unstable
- Incorrect result is displayed

Specifications

The Nikon Laser 1200 features a Field of view monocular optical system for measuring your target. A liquid crystal display (LCD) is mounted within the optical system that when activated, displays a reticle for targeting, metering/yard and Target Priority and a target quality gauge, as well as precision and low battery indicators. It is also equipped with a built-in backlight.

**•** Waterproof models:

The Laser 1200 is waterproof and will suffer no damage to the optical system if submerged or dropped in water to a maximum depth of 2 meters for up to 5 minutes.

The Laser 1200 offers the following advantages:

- Can be used in conditions of high humidity, dust and rain without risk of damage.
- Nitrogen-filled design makes it resistant to condensation and mold.
- Operates the following when using the Laser 1200:

  - As the unit does not have a perfectly sealed structure, it should not be operated not held in running water.
  - Any moisture should be wiped off before adjusting a movable part (housing, knobs, eyepiece, etc.) of the Laser 1200 and take preventive and safety measures.
  - To keep your Laser 1200 in excellent condition, Nikon Vision recommends regular servicing by an authorized dealer.

The Laser 1200 offers the following advantages:

- Can be used in conditions of high humidity, dust and rain without risk of damage.
- The Laser 1200 is waterproof, and will suffer no damage to the optical system if submerged or dropped in water to a maximum depth of 2 meters for up to 5 minutes.
- The Laser 1200 is waterproof, and will suffer no damage to the optical system if submerged or dropped in water to a maximum depth of 2 meters for up to 5 minutes.
- The Laser 1200 is waterproof, and will suffer no damage to the optical system if submerged or dropped in water to a maximum depth of 2 meters for up to 5 minutes.

If your Nikon Laser 1200 should require repair, please contact your local dealer for details regarding where to send it. Before doing so, you are advised to consult the Troubleshooting Table below.

**Troubleshooting/Repair**

If your Nikon Laser 1200 should require repair, please contact your local dealer for details regarding where to send it. Before doing so, you are advised to consult the Troubleshooting Table below.

**Symptom**

- Unit does not turn on — LCD fails to illuminate
- Display distance measured
- Distance measurement display step
- Measurement result is unstable
- Incorrect result is displayed

**Check Points**

- Depress POWER button.
- Check and replace battery if necessary.
- Be sure that nothing, such as leaves or grass, is between the Laser 1200 and the target.
- Be sure that nothing, such as leaves or grass, is between the Laser 1200 and the target.
- Measurement result is unstable
- Incorrect result is displayed
- Replace battery.
- Be sure that the target shape and condition is appropriate to reflect the laser beam.
- Be sure that nothing, such as leaves or grass, is between the Laser 1200 and the target.
- Be sure that nothing, such as leaves or grass, is between the Laser 1200 and the target.
- Be sure that the target shape and condition is appropriate to reflect the laser beam.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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 can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. There is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

If problems persist after consulting the Troubleshooting Table, please contact your local dealer to check or repair the Laser 1200. Never let anyone other than the official representative of the product manufacturer check or repair the Laser 1200. Failure to follow the instruction could result in injury, or damage to the product.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Do not use the Laser 1200 for purposes beyond the limits of its stated accuracy.