English ........................................p.4-p.32
### English

<table>
<thead>
<tr>
<th>CONTENTS</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cautions before use</td>
<td>5-7</td>
</tr>
<tr>
<td>Key features</td>
<td>8-9</td>
</tr>
<tr>
<td>Nomenclature/Composition</td>
<td>10</td>
</tr>
<tr>
<td>Changing batteries</td>
<td>11</td>
</tr>
<tr>
<td>Internal display</td>
<td>12-13</td>
</tr>
<tr>
<td>Operational Summary</td>
<td>14-16</td>
</tr>
<tr>
<td>Specifications</td>
<td>17-18</td>
</tr>
<tr>
<td>External display</td>
<td>19-21</td>
</tr>
<tr>
<td>Operation and internal display</td>
<td>22-28</td>
</tr>
<tr>
<td>Others</td>
<td>29</td>
</tr>
<tr>
<td>Troubleshooting/Repair</td>
<td>30-31</td>
</tr>
<tr>
<td>How to use the Rangefinder case</td>
<td>32</td>
</tr>
</tbody>
</table>

Thank you for purchasing the Nikon Laser Forestry Pro. This high-spec laser rangefinder features a new angle measurement function in addition to the existing linear distance measurement function for enhanced enjoyment of sports and other outdoor applications. (The Nikon Laser Forestry Pro is also able to measure the horizontal distance to a target and its height.)

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.**

**Keep this manual within reach for easy reference.**

- Specifications and design are subject to change without notice.
- No reproduction in any form of this manual, in whole or in part (except for brief quotation in critical articles or reviews), may be made without written authorization from NIKON VISION CO., LTD.
WARNING
This indication alerts you to the fact that any improper use ignoring the contents described herein can result in potential death or serious injury.

CAUTION
This indication alerts you to the fact that any improper use ignoring the contents described herein can result in potential injury or material loss.

SAFETY AND OPERATION PRECAUTIONS

• Do not aim at the eye.
• Do not use the unit with other additional optical elements, such as lenses or binoculars. Using an optical instrument together with the Nikon Laser Forestry Pro increases the danger of damaging the eyes.
• Do not disassemble the Nikon Laser Forestry Pro. The emitting laser may be harmful to your health. The product that has been disassembled is not guaranteed by the manufacturer.
• When the Nikon Laser Forestry Pro’s body is covered, it is damaged or, if it emits a strange sound due to dropping or some other cause, immediately remove the battery and stop using.

Cautions before use

• When the Nikon Laser Forestry Pro’s rubber eye piece has been disassembled and body cover is damaged, or if it emits a strange sound, do not use it.
• Do not look through the Nikon Laser Forestry Pro while walking. You may walk into something and get hurt.
• Do not look through the Nikon Laser Forestry Pro in a car on a hot or sunny day, or near heat-generating equipment. This may damage or negatively affect it.
• Do not leave the Nikon Laser Forestry Pro in direct sunlight. Ultraviolet rays may damage or negatively affect it.
• When the Nikon Laser Forestry Pro 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 main body.
• Do not leave the polyethylene bag used for packaging within the reach of small children.
• Do not leave the polyethylene bag used for packaging within the reach of small children.

CARE AND MAINTENANCE

Lenses
• When removing dust on the lens surface, use a soft oil-free brush.
• When removing stains or smudges like fingerprints from the lens surface, wipe the lenses very gently with a soft clean cotton cloth or quality oil-free lens tissue.
• Use a small quantity of pure alcohol (not denatured) to wipe stubborn stains.

Main body
• Clean the body surface with a soft, cleaning cloth and a dry cloth. Do not use benzene, thinner, or other organic agents because they may cause discoloration or rubber degeneration.

Storage
• Water condensation or mold may occur on the lens surface because of high humidity. Therefore, store the Nikon Laser Forestry Pro in a cool, dry place. After use on a rainy day or at night, thoroughly dry it at a cool, dry place.

NOTES ON LITHIUM BATTERY

If handled incorrectly, batteries may rupture and leak, corroding equipment and causing injury. Be sure to observe the following:

• Install batteries with the + and – poles positioned correctly.
• Batteries should be removed when the battery fluid contacts eyes or skin.
• If battery fluid contacts eyes or skin, rinse well with water. If swallowed, consult a doctor immediately.
• Do not short-circuit battery terminals.
• Do not put batteries together with keys or coins in a pocket or bag. This may result in short-circuit.
• Do not charge batteries.
• Do not subject batteries to strong vibrations or shock.

Before use on a rainy day or at night, thoroughly dry it at a cool, dry place.

If handled incorrectly, batteries may rupture and leak, corroding equipment and causing injury. Be sure to observe the following:

• Install batteries with the + and – poles positioned correctly.
• Batteries should be removed when the battery fluid contacts eyes or skin.
• If battery fluid contacts eyes or skin, rinse well with water. If swallowed, consult a doctor immediately.
• Do not short-circuit battery terminals.
• Do not carry batteries together with keys or coins in a pocket or bag. This may result in short-circuit.
• Do not put batteries in fire or water.
• Do not charge batteries.
• Do not subject batteries to strong vibrations or shock.
Key Features

- Linear distance measurement range: 10-500 meters/11-550 yards/33-999 feet.
- Angle measurement range: ±89°.
- Distance measurement display step:
  - [Internal Display]:
    - Linear Distance: 0.5 meter/yard, 1 foot for distances less than 100 meters/yards/feet, 1.0 meter/yard, 1 foot for distances 100 meters/yards/feet or further.
    - Horizontal Distance/Height: 0.2 meter/yard, 0.5 foot for distances less than 100 meters/yards/feet, 1.0 meter/yard, 1 foot for distances 100 meters/yards/feet or further.
    - Angle: 0.1° (| -10° — 10° |), 1.0° (≦ -10°, 10° ≦ ).
  - [External Display]:
    - Linear distance: 0.5 meter/yard, 1 foot.
    - Horizontal Distance/Height: 0.2 meter/yard, 0.5 foot.
    - Angle: 0.1°.
- Easy-to-aim 6x optical observation system.
- Quantifies the horizontal distance to the target and its height in relation to the rangefinder’s level by measuring linear distance and angle.
- Measure the vertical separation (height between two points) - vertical separation mode and 3-point measurement mode are available.
- The results are displayed on both an internal and an external LCD panel. The external LCD panel shows all results simultaneously.
- Target Priority Switch System allows you to easily match the measuring situation.
- Waterproof design (NOT designed for underwater usage).
- Invisible/Eyesafe EN/IEC Class 1M Laser.
- Automatic shut-off (after approx. 30 sec. unattended).
- Default to “Last Use” settings.
- Compact, lightweight, ergonomic design.
- 30-second results display.
- Measurement may result in inaccuracy or failure in the following cases:
  - Slender or small target.
  - Target has diffusing reflective surface.
  - Target does not reflect the laser beam to the rangefinder (glass, a mirror, etc.).
  - Black target.
  - Target has varying depths.
  - In snow, rain or fog.
  - Target measured through glass.
  - Reflective surface measured from diagonal direction.
  - Moving target.
  - When targeting the surface of water.
- The following factors ensure better range and accuracy:
  - Night time use.
  - Cloudy weather.
  - Bright-coloured targets.
  - Targets with highly reflective surfaces.
  - Targets with shiny exteriors.
  - Large-size targets.
  - Shooting targets facing at 90 degrees.
Nomenclature/Composition

1. Monocular objective lens/ Laser emission aperture
2. Laser detector aperture
3. External LCD
4. MODE button
5. POWER button
6. 6x monocular eyepiece
7. Eyecup/dioptre adjustment ring
8. Dioptre index
9. Strap eyelet
10. Battery chamber cover
11. Battery chamber cover “Open/Close” indication
12. Product number/explanatory label
13. Laser warning label

Composition

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body</td>
<td>x1</td>
</tr>
<tr>
<td>Soft case (CCN)</td>
<td>x1</td>
</tr>
<tr>
<td>Neckstrap</td>
<td>x1</td>
</tr>
<tr>
<td>Lithium battery (CR2)</td>
<td>x1</td>
</tr>
</tbody>
</table>

Changing Batteries

- **Type of battery:** 3V CR2 lithium battery
- **Battery condition indicators**
  - : Battery has enough power for use.
  - : Battery is getting low.
  - flashing: Battery is low and battery should be replaced.
  - disappears: Battery is exhausted and should be replaced.
- **Battery life**
  - Continuous operation: Approx. 13,000 times (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, colour, etc.

  * The Nikon Laser Forestry Pro come with a 3V CR2 lithium battery. However, due to natural electric discharge, the life of the battery will likely be shorter than that noted above.
  * Replace battery if the Nikon Laser Forestry Pro is ever submerged in water or if water enters in the battery chamber.

* The Nikon Laser Forestry Pro will not operate if the battery is installed incorrectly.

1. **Open the battery chamber cover**
   - Using the ball of the thumb or a coin in the recessed part of the battery chamber cover, rotate the cover following the “Open/Close” arrow indicator. It may not open easily due to its rubber packing for water resistance.

2. **Replace the old battery with a new one**
   - Install new battery with the [+] and [-] correctly positioned following the “Battery installation” indication seal in the battery chamber. (Insert battery positioning the [+] pole towards the inside of the chamber.)

3. **Close the battery chamber cover**
   - Align the Open/Close indicator with the white dot and insert the battery chamber cover. Using the ball of the thumb or a coin, turn the cover in the opposite direction to the arrow indicator. It may not close easily due to the rubber packing for water resistance, but continue to turn it all the way until it stops. Confirm that the cover is securely closed.
Internal display

1. [ ] Target aiming/Laser irradiate system
   - Aim at the target. Position the target at the center of the reticle.
   - Appears while the laser is being used for a measurement. (Remains present during single measurement. Blinks during continuous measurements.) Warning: Do not look into the objective lenses when this mark is shown.

2. [ ] Distance/measurement status display
   - Digitally indicates measured distance in meters/yards/feet and angles in degrees. Also indicates measuring status such as "Measurement in progress," "Measurement unsuccessful" or "Unable to measure."

   <Examples of measurement results>
   (Distance)
   Display of results: (≧100m/yards/feet) e.g. 234 meters =
   Display of results: (<100m/yards/feet) e.g. 76.5 yards =
   Display of results: (<100m/yards/feet) e.g. 82 feet =
   
   (Angle)
   Display of results: (-10˚< and ≧10˚) e.g. 36˚ =
   e.g. -29˚ =
   Display of results: (10˚< and <10˚) e.g. 3.5˚ =
   e.g. -7.0˚ =

   [ ] - Now measuring
   [ ] - Failure to measure or unable to measure distance

3. [ ] Display Units
   - [m] Indicates distance being measured in meters.
   - [yd] Indicates distance being measured in yards.
   [No unit displayed] Indicates distance is measured in feet.

4. [ ] Indicates battery condition. (See "Changing Batteries")

5. [ ] Display Modes
   (See "External display, and Operation and Internal display" for operations and display examples.)
   - Linear distance mode
     - Calculates linear distance to your target and displays the results.
   - Distance mode
     - Calculates horizontal distance to your target by measuring the linear distance and angle, and displays the results.
     - [Hgt] Measures your target’s height from the horizontal level, and displays the results.
   - Height mode
     - [Hgt] + [Hgt2] Uses the linear distance and angle data of two points to calculate and display the vertical separation (height between the two points.)
   - Three-point measurement (height between two points) mode
     - [Hgt] + [Hgt2] Use the horizontal distance data to the target (1st point) and angle data of two points (2nd and 3rd points) to calculate and display the vertical separation (height between 2nd and 3rd points).
   - Angle mode
     - [Ang] Measures the angle of your target from the horizontal level and displays the results.

6. [ ] Target Priority mode
   - First Target Priority mode
     - Indicates when First Target Priority mode is set.
   - Distant Target Priority mode
     - Indicates when Distant Target Priority mode is set.
     - Note: When Angle measuring mode is set (during [Ang] symbol display), Target Priority mode is not displayed and illuminated [1st] or [Dst] symbols turn off.

Although the LCD was produced using the most advanced technology, it is impossible to eliminate dust completely. When using this product, the LCD is magnified by high magnification of the eyepiece lens and dust may appear as a defect. It will not, however, affect measurement accuracy.
Operational Summary

1. Install a battery in the battery chamber. (See “Changing Batteries”)
2. Rubber eyepiece cup
   Eyeglass wearer: Collapse the eyepiece cups.
   Non-eyeglass wearer: Do not collapse the eyepiece cups.
3. Diopter adjustment
   Adjust diopter to obtain a clear image in the LCD. First, rotate the diopter adjustment ring counterclockwise until it comes to a complete stop. Next, turn on the power to activate the LCD when you look through the Nikon Laser Forestry Pro. Rotate the diopter adjustment ring clockwise until the display comes into focus. If the diopter is not adjusted to correspond to your eyesight, you may not be able to clearly focus your subject.
4. Measuring
   Note: See the chapter “External and Internal display” for external LCD panel.
   Note: Depressing and holding down the POWER button causes all symbols to be displayed in the internal LCD panel. After you remove your finger from the POWER button, the last-used setting is displayed. (If you briefly press the POWER button then remove your finger, the LCD panel may display the last-used setting without displaying all of the symbols. This is not a malfunction or other problem.) Before measuring, be sure to confirm settings, such as unit, measurement/display mode and priority mode.
   ◎: See the relevant mode section in this manual for setting.
5. Selecting display unit
   (Factory default setting is feet.)
   1. Confirm the LCD panel is on.
   2. Press and hold the MODE button for approx. two seconds.
   3. When display unit has switched, release the MODE button.
   4. Repeat steps 2 and 3 until your desired mode is displayed.
   5. When you have completed setting, results will be converted and displayed in the your selected measurement unit.
6. Switching measurement/display modes
   (Factory default setting is linear distance measurement mode)
   Linear Distance: Act
   Horizontal Distance: H or L
   Angle: Ang
   Height: Hgt
   Vertical Separation: Hgt
   Three-point measurement: Hgt, Hgt
   By pressing the MODE button, modes will change in the order indicated above.

   1. Confirm the LCD panel is on.
   2. Press and hold the MODE button for approx. two seconds.
   3. When display unit has switched, release the MODE button.
   4. Repeat steps 2 and 3 until your desire mode is displayed.
   5. Switching the mode after measurement converts the results to the new mode.
   6. After the mode is set, measurements are performed in the new mode.
7. Switching Target priority modes (Factory default setting is Distant Target Priority mode.)

1. LCD panel should be on.
2. Press and hold MODE button, then depress and hold POWER button within 0.5 second.

   Note: If the POWER button is not pressed within 0.5 second, the display unit (m/yd/ft) will be switched.
3. Continue to press and hold both buttons (more than 2 seconds) until First Target Priority mode and Distant Target Priority mode are switched.

   Note: If buttons are not pressed in the correct order, switching will not take place.
4. Release buttons.

   Note: Because Target Priority mode is not displayed while Angle mode is set, switching is made but visual confirmation is impossible. Switch to another measuring mode for confirmation.

   [Deciding which Target Priority to use]
When obtaining different results from a single measuring operation, the Nikon Laser Forestry Pro will display the distance to the farthest target on the LCD panel when using Distant Target Priority mode, while First Target Priority mode will show the range to the nearest target.

   ex: When measuring a tree standing in front of a house;
   Distance to Target: Tree 115m, Fence 123m, House 128m

   “115m” (distance to the tree) will be displayed in First Target Priority mode, and “128m” (distance to the house) in Distant Target Priority mode. First Target Priority mode, for example, has applications for golf, while Distant Target Priority is useful when hunting in heavily wooded areas.

8. Low battery indication
Flashing indicates that the battery power is low and battery should be replaced. (See “Changing Battery”)

   Specifications
Operational Summary

<table>
<thead>
<tr>
<th>Measuring system</th>
<th>Linear distance</th>
<th>Act</th>
<th>0.5m/yd., 1.0 ft. (&lt; 100m/yd./ft.)</th>
<th>1.0m/yd., 1.0 ft. (≧ 100m/yd./ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal distance</td>
<td>Hor</td>
<td>0.2m/yd., 0.5 ft. (≪ 100m/yd./ft.)</td>
<td>1.0m/yd., 1.0 ft. (≧ 100m/yd./ft.)</td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td>Hgt (Height)</td>
<td>0.2m/yd., 0.5 ft. (&lt; 100m/yd./ft.)</td>
<td>1.0m/yd., 1.0 ft. (≧ 100m/yd./ft.)</td>
<td></td>
</tr>
<tr>
<td>Angle</td>
<td>Ang (Angle)</td>
<td>0.1° (&lt; 10°), 1.0° (≧ 10°)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Distance-angle Display steps

<table>
<thead>
<tr>
<th>Measuring distance/angle range</th>
<th>Distance: 10-500 meters/11-550 yards/33-999 feet (999 feet: 304.5 meters/333 yards)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angle: ±89°</td>
<td></td>
</tr>
</tbody>
</table>

System
First Target Priority/Distant Target Priority switching system

Optical system

<table>
<thead>
<tr>
<th>Type</th>
<th>Roof-prism monocular</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnification (x)</td>
<td>6</td>
</tr>
<tr>
<td>Effective diameter of objective lens (mm)</td>
<td>ø21</td>
</tr>
<tr>
<td>Angular field of view (real) (°)</td>
<td>6.0</td>
</tr>
<tr>
<td>Eye relief (mm)</td>
<td>18.2</td>
</tr>
<tr>
<td>Exit pupil (mm)</td>
<td>ø3.5</td>
</tr>
<tr>
<td>Dioptre adjustment</td>
<td>±4m</td>
</tr>
</tbody>
</table>

Internal External
The Nikon Laser Forestry Pro is waterproof, and will suffer no damage to the optical system if submerged or dropped in water to a maximum depth of 1 meter for up to 10 minutes. The Nikon Laser Forestry Pro 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.

Observe the following when using the Nikon Laser Forestry Pro.

- The unit should not be operated nor held in running water.
- Any moisture should be wiped off before adjusting movable parts (eyepiece, etc.) of the Nikon Laser Forestry Pro to prevent damage and for safety reasons.

To keep your Nikon Laser Forestry Pro in excellent condition, Nikon Vision recommends regular servicing by an authorized dealer.

**The battery chamber is water resistant, not waterproof. Water may enter the device if the Nikon Laser Forestry Pro is submerged in water.**

---

### Specifications

**Others**
- Operating temperature (°C): -10 — +50
- Power source: CR2 lithium battery x 1 (DC 3V)
- Auto power shutoff function equipped (after approx. 30 seconds)
- Dimensions (L x H x W) (mm): 130x69x45
- Weight (g): Approx. 210 (without battery)
- Structure: Body: Waterproof (maximum depth of 1 meter for up to 10 minutes)*
  - (Battery chamber: Water resistant**)
- Safety: Class 1M Laser product (EN/IEC60825-1:2007)
- EMC: FCC Part15 SubPartB class B, CE/EMC directive, C-tick, VCCI class B
- Environment: RoHS, WEEE

**Laser**
- Class: EN/IEC Class 1M
- Wavelength (nm): 870
- Pulse duration (µs): 14
- Output (W): 15
- Beam divergence (mrad): Vertical: 2.5, Horizontal: 0.025
- Operating humidity (%RH): 80 (without dew condensation)

---

**External display**

**[Power On]**

- After the power is turned on, the internal and external LCDs are illuminated until either the POWER or MODE button is pressed.

**[Power off notice]**

- If 30 seconds pass without operation, the power turns off. Approx. one second before power turns off, this screen is displayed.

**[Results]**

1 Point Measurement

- After measurement, all data "linear distance, horizontal distance, height and angle" are displayed. Units can be shown in meters, yards or feet. Angles are indicated by ° (degree).
  - m: meter
  - YD: yards
  - ft: feet

**1. Linear distance**

- m

**2. Horizontal distance**

- 201.0

**3. Height**

- °

**4. Angle**

- 12.7°

**Unit**

- m

---

**[While measuring]**

- When the target is upward
  - When the target is downward

**[Measurement unsuccessful or unable to measure]**

- When the target is upward
  - When the target is downward
  - With negative values, (minus) symbol is not shown.

**[Measurement complete]**

- When the target is upward
  - When the target is downward

---

*Waterproof models*

The Nikon Laser Forestry Pro is waterproof, and will suffer no damage to the optical system if submerged or dropped in water to a maximum depth of 1 meter for up to 10 minutes. The Nikon Laser Forestry Pro 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.

Observe the following when using the Nikon Laser Forestry Pro.

- The unit should not be operated nor held in running water.
- Any moisture should be wiped off before adjusting movable parts (eyepiece, etc.) of the Nikon Laser Forestry Pro to prevent damage and for safety reasons.

To keep your Nikon Laser Forestry Pro in excellent condition, Nikon Vision recommends regular servicing by an authorized dealer.

**The battery chamber is water resistant, not waterproof. Water may enter the device if the Nikon Laser Forestry Pro is submerged in water.**
External display

Vertical separation (height between two points) mode

After measuring two points, “Linear distance to two points” and “Vertical separation (height) and angle between two points” are displayed. Units can be shown in meters, yards or feet. Angles are indicated by ° (degree).

Linear distance (1st point)
Linear distance (2nd point)
Vertical separation (height between two points)
Angle of two points
Unit

[Results]

Measuring 1st point

Failed to measure 1st point

Measuring 2nd point

Failure to measure 2nd point

[Display of results for vertical separation (height between two points) and 2nd point]

Vertical separation (height between two points)

Angle of two points

Unit

After displaying vertical separation (height between two points), pressing MODE button displays the result of the 2nd point.

Although the point is located downward, display shows the upward position.

Angle measurements never fail.

[Results of 1st point]

When measuring 2nd and 3rd points, please note that angles should be between –75˚ and +75˚ from the horizontal level. If measurement fails, the angle is beyond ±75˚.

Three-point measurement (height between two points) mode

After measuring horizontal distance and two angles and its height, “vertical separation (height) and angle between two points” are displayed. Units can be shown in meters, yards or feet. Angles are indicated by ° (degree).

Vertical separation (height between two points)
Angle of two points
Unit

When measuring 2nd and 3rd points, please note that angles should be between –75˚ and +75˚ from the horizontal level. If measurement fails, the angle is beyond ±75˚.

Displays the horizontal distance.

[Results of 2nd point]

[Results of 3rd point]
### Operation and internal display

#### 1 • 2 Power On/Off and mode settings

<table>
<thead>
<tr>
<th>Work</th>
<th>Button</th>
<th>Display</th>
<th>Display examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial screen</td>
<td>POWER</td>
<td>All symbols (while pressing)</td>
<td>88.8</td>
</tr>
</tbody>
</table>

#### Selecting and setting modes

| (1) | Linear distance | [3] | Act | n/a |
| (2) | Horizontal distance | [4] | MODE | Hor | n/a |
| (3) | Height (from horizontal) | [5] | MODE | Hgt | n/a |
| (4) | Angle (from horizontal) | [6] | MODE | Ang | n/a |
| (5) | Vertical separation (height between two points) | [7] | MODE | blinks | n/a |
| (6) | Three-point measurement (height between two points) | [8] | MODE | blinks | n/a |

- Return to 2-(1) Linear distance, then repeat.

See the relevant section in this manual for each mode setting and display.

#### 9 Power off

Regardless of process, after 30 seconds since your last operation, power turns off.

### 3 Linear distance mode

#### Operation/Results

<table>
<thead>
<tr>
<th>&gt;Delete</th>
<th>Work</th>
<th>Button</th>
<th>Display</th>
<th>Display examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1</td>
<td>Seeking your target</td>
<td>Align the reticle with target</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.2</td>
<td>Measurement (Laser irradiate symbol is displayed)</td>
<td>With the POWER button depressed, continuous measurement is possible for up to 20 seconds. (When done, 3-3 display appears.)</td>
<td>POWER</td>
<td></td>
</tr>
<tr>
<td>3.3</td>
<td>Failure to measure</td>
<td>Repeat step 3.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.4</td>
<td>Measurement OK</td>
<td>Linear distance Follow by 3-1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Power off</td>
<td>Regardless of process, after 30 seconds since your last operation, power turns off.</td>
<td>30 seconds without operation</td>
<td></td>
</tr>
</tbody>
</table>
Operation and internal display

[4] Horizontal distance mode

<table>
<thead>
<tr>
<th>Operation/Results</th>
<th>Work</th>
<th>Button</th>
<th>Display</th>
<th>Display examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement with Horizontal distance mode</td>
<td>Horizontal distance</td>
<td>-</td>
<td>-</td>
<td>meter yards feet</td>
</tr>
<tr>
<td>4-1 Seeking your target (Align the reticle with target)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Elevation (˚) Depression (˚)</td>
</tr>
<tr>
<td>4-2 Measurement (Laser irradiate symbol is displayed.)</td>
<td>With the POWER button depressed, continuous measurement is possible for up to 20 seconds. (When done, 4-3 display appears.)</td>
<td>POWER</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>4-3 Failure to measure</td>
<td>Repeat step 4-1</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>4-4 Measurement OK</td>
<td>Horizontal distance Follow by 4-1.</td>
<td>Hor</td>
<td>20 1 220 660</td>
<td></td>
</tr>
<tr>
<td>9 Power off</td>
<td>Regardless of process, after 30 seconds since your last operation, power turns off</td>
<td></td>
<td>30 seconds without operation</td>
<td></td>
</tr>
</tbody>
</table>

[5] Height mode

<table>
<thead>
<tr>
<th>Operation/Results</th>
<th>Work</th>
<th>Button</th>
<th>Display</th>
<th>Display examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement with Height mode</td>
<td>Height (from horizontal)</td>
<td>-</td>
<td>-</td>
<td>meter yards feet</td>
</tr>
<tr>
<td>5-1 Seeking your target (Align the reticle with target)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Elevation (˚) Depression (˚)</td>
</tr>
<tr>
<td>5-2 Measurement (Laser irradiate symbol is displayed.)</td>
<td>With the POWER button depressed, continuous measurement is possible for up to 20 seconds. (When done, 5-3 display appears.)</td>
<td>POWER</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>5-3 Failure to measure</td>
<td>Repeat step 5-1</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>5-4 Measurement OK</td>
<td>Height (from horizontal) Follow by 5-1.</td>
<td>Hgt</td>
<td>VS 2 VS 4</td>
<td></td>
</tr>
<tr>
<td>9 Power off</td>
<td>Regardless of process, after 30 seconds since your last operation, power turns off</td>
<td></td>
<td>30 seconds without operation</td>
<td></td>
</tr>
</tbody>
</table>
### [6] Angle mode

<table>
<thead>
<tr>
<th>Operation/Results</th>
<th>Work</th>
<th>Button</th>
<th>Display</th>
<th>Display examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-1 Measurement with Angle mode</td>
<td>Angle (from horizontal)</td>
<td>Elevation (˚) Depression (˚)</td>
<td>meter yards feet</td>
<td></td>
</tr>
<tr>
<td>6-2 Measurement [Laser irradiate symbol is displayed.]</td>
<td>With the POWER button depressed, continuous measurement is possible for up to 20 seconds. When done, 6-3 display appears.</td>
<td>POWER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6-3 Failure to measure</td>
<td>Repeat step 6-1.</td>
<td>Ang</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6-4 Measurement OK</td>
<td>Angle (from horizontal) Follow by or 6-1.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 6-1 Seeking your target (Align the reticle with target)

- **Angle (from horizontal)**

#### 6-2 Measurement

- Laser irradiate symbol is displayed.

#### 6-3 Failure to measure

- Repeat step 6-1.

#### 6-4 Measurement OK

- Angle (from horizontal)

#### 9 Power off

- Regardless of process, after 30 seconds without operation, power turns off.

### [7] Vertical separation (height between two points) mode

<table>
<thead>
<tr>
<th>Operation/Results</th>
<th>Work</th>
<th>Button</th>
<th>Display</th>
<th>Display examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-1 Seeking your target (Align the reticle with target)</td>
<td>Vertical separation (height between two points) (1st target)</td>
<td></td>
<td>meter yards feet</td>
<td></td>
</tr>
<tr>
<td>7-2 Measurement [Laser irradiate symbol is displayed.]</td>
<td>Follow by 7-1 Repeat 7-1, 7-2, 7-3 until measurement is complete.</td>
<td>POWER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7-3 Failure to measure</td>
<td>Repeat 7-5, 7-6 and 7-7 until measurement is complete.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7-4 Measurement OK</td>
<td>Height of 1st target (from Horizontal)</td>
<td></td>
<td>meter yards feet</td>
<td></td>
</tr>
<tr>
<td>7-5 Aiming (2nd target) (Align the reticle with target)</td>
<td>Vertical separation (height between two points) (2nd target) (Result shown is the height of the 1st target)</td>
<td>POWER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7-6 Measurement (Laser irradiate symbol is displayed)</td>
<td>Follow by 7-5 Repeat 7-5, 7-6 and 7-7 until measurement is complete.</td>
<td>POWER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7-7 Failure to measure</td>
<td>Vertical separation (height between two points) After 2 seconds, move to 7-1</td>
<td>Hgt+Hgt2</td>
<td>meter yards feet</td>
<td></td>
</tr>
<tr>
<td>7-8 Measurement OK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 7-1 Seeking your target

- Align the reticle with target

#### 7-2 Measurement

- Laser irradiate symbol is displayed.

#### 7-3 Failure to measure

- Repeat 7-1, 7-2, 7-3 until measurement is complete.

#### 7-4 Measurement OK

- Height of 1st target (from Horizontal)

#### 7-5 Aiming (2nd target)

- Align the reticle with target

#### 7-6 Measurement

- Laser irradiate symbol is displayed.

#### 7-7 Failure to measure

- Repeat 7-5, 7-6 and 7-7 until measurement is complete.

#### 7-8 Measurement OK

- Regardless of process, after 30 seconds without operation, power turns off.

### 9 Power off

- Regardless of process, after 30 seconds without operation, power turns off.
### Operation and internal display

#### Three-point measurement (height between two points) mode

<table>
<thead>
<tr>
<th>Operation/Results</th>
<th>Work</th>
<th>Button</th>
<th>Display</th>
<th>Display examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-1 Seeks your target</td>
<td>Horizontal distance (1st target)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-2 Measurement (Laser irradiate symbol is displayed)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-3 Failure to measure</td>
<td>Repeat by 8-1, 8-2, 8-3 until measurement is complete.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-4 Measurement OK</td>
<td>Horizontal distance Followed by 8-5.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-5 Aiming (2nd target)</td>
<td>Vertical separation (height from horizontal level to 2nd point).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-6 Measurement (Laser irradiate symbol is displayed)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-7 Measurement OK</td>
<td>Vertical separation (height from horizontal level to 2nd point).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-8 Aiming (3rd target)</td>
<td>Vertical separation (height between 2nd target and 3rd target)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-9 Measurement (Laser irradiate symbol is displayed)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-10 Measurement OK</td>
<td>Vertical separation (height between 2nd target and 3rd target)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Power off

Regardless of process, after 30 seconds since your last operation, power turns off.

30 seconds without operation.

---

**Others**

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 and to EU EMC directive. 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. 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 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.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

The Forestry Pro is a simplified laser rangefinder. Results obtained should not be used for official records.

---

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 and to EU EMC directive. 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. 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 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.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

The Forestry Pro is a simplified laser rangefinder. Results obtained should not be used for official records.
If your Nikon Laser Forestry Pro 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 Check Points

**Unit does not turn on — LCD fails to illuminate**
- Depress POWER button.
- Check and replace batteries if necessary.

**Target range cannot be obtained**
- Be sure that nothing, such as your hand or finger, is blocking the laser emission aperture and laser detector.
- Be sure that the laser emission aperture and laser detector are clean. Clean them if necessary.
- Be sure that the target shape and condition is appropriate to reflect the laser beam.
- Replace battery.

**[ - - ] ("Cannot measure") appears**
- Be sure to hold the unit steady while depressing the POWER button.
- Be sure the target is within measuring range (10-500m/11-550 yards/33-999 feet)

**Closer target cannot be measured**
- Be sure that nothing, such as leaves or grass, is between the Nikon Laser Forestry Pro and the target.

**Target beyond a certain distance cannot be measured**
- Be sure that nothing, such as leaves or grass, is between the Nikon Laser Forestry Pro and the target.

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

### Symptom Check Points

**Measurement result is unstable**
- Replace battery.
- Be sure that the target shape and condition is appropriate to reflect the laser beam.

**Incorrect result is displayed**
- Replace battery.
- Be sure that the target shape and condition is appropriate to reflect the laser beam.

If problems persist after consulting the Troubleshooting Table, please contact your local dealer to check/repair the Nikon Laser Forestry Pro. Never let anyone than the official representative of the product manufacturer check or repair the Nikon Laser Forestry Pro. Failure to follow this instruction could result in injury, or damage to the product.
How to use the Rangefinder case

Regular case

1) Open the lower flap and divide into its two parts. ①
2) Attach the tip of the upper flap to the lower flap. ②
3) Secure the upper flap by clipping together the two parts of the lower flap. ③

Case with belt loop

1) Open the lower flap and divide into its two parts. ①
2) Attach the tip of the upper flap to the lower flap. ②
3) Secure the upper flap by clipping together the two parts of the lower flap. ③