

IQVWUXFWIRQ#PDQXDO=即HDG#NKIV框IUVW SISH#DDVHU

WS 009#vhulhv

Be sure to read the back side of this manual as well.

Please read the following before using the instrument. TP-L6 is briefly explained on the back side of this sheet.

- The instruction manual can be downloaded from the TOPCON website.
- kwev=28rvlwirqlqjlwrsfrqlfrlms2hq2grfxphqwpdqxdc2
- User ID and password are required to download the
 instruction manual. Please register as a user first.
 Krp h為州p du輔卓立かなだが、中語では「東京の大学」、
 E立は只括いて大学が中央では、
 DFFKXQW為却計)が小地計算、指行する。
- All company and product names featured in this manual are trademarks or registered trademarks of each respective organization.

#SUHFDXWIRQV#IRU#DIH#RSHUDWIRQ

For the safe use of the product and prevention of injury to operators and other persons as well as prevention of property damage, items which should be observed are indicated herein by an exclamation point within a triangle used with WARNING and CAUTION statements in this manual.

The definitions of the indications are listed below. Be sure you understand them before reading the manual's main text.

Ghilqlwlrg#ri#Iqqlfdwlrg

∆ z duqiqj

Ignoring this display and making an operation error could possibly result in death or serious injury to the operator.



Ignoring this display and making an operation error could possibly result in minor injury or property damage.

- This symbol indicates items for which caution (hazard warnings exclusive) is urged. Specific details are printed in or near the symbol.
- This symbol indicates items which are prohibited. Specific details are printed in or near the symbol.
- This symbol indicates items which must always be performed. Specific details are printed in or near the symbol.

J hqhudo

⚠ Z duqlqj

- Do not use the unit in areas exposed to high amounts of dust or ash, in areas where there is inadequate ventilation, or near combustible materials. An explosion could occur.
- Do not perform disassembly or rebuilding. Fire, electric shock, burns or hazardous radiation exposure could result.

 When securing the instrument in the carrying case make sure
- that all catches, including the side catches, are closed.
 Failure to do so could result in the instrument falling out while being carried, causing injury.

⚠ Fdxwlrq

O Do not use the carrying case as a footstool. The case is slippery and unstable so a person could slip and fall off it.

- Do not place the instrument in a case with a damaged case or belt. The case or instrument could be dropped and cause injury.
- Secure handle to main unit. Failure to properly secure the handle could result in the unit falling off while being carried, causing injury.

Srzhu#Xxsso

⚠ Z duqlqj

- Do not disassemble or rebuild the battery or the charger, nor expose to heavy shocks or vibration. Sparking, fire, electric shock or burns could result.
- O not short circuit. Heat or ignition could result.
- Do not place articles such as clothing on the battery charger while charging batteries. Sparks could be induced, leading to
- O Do not use voltage other than the specified power supply voltage. Fire or electrical shock could result.
- On not use batteries other than those designated.

 An explosion could occur, or abnormal heat generated, leading to fire.
- Do not use damaged power cords, plugs or loose outlets.
 Fire or electric shock could result.
- O Do not use power cords other than those designated. Fire could result.
- Use only the specified battery charger to recharge batteries.

 Other chargers may be of different voltage rating or polarity, causing sparking which could lead to fire or burns.
- Do not use the battery or charger for any other equipment or purpose. Fire or burns caused by ignition could result.
- Do not heat or throw batteries or chargers into fire. An explosion could occur, resulting in injury.
- To prevent shorting of the battery in storage, apply insulating tape or equivalent to the terminals. Otherwise shorting could occur resulting in fire or burns
- Do not use the battery or battery charger if its terminals are wet. Resultant poor contact or shorting could lead to fire or burns.
- O not connect or disconnect power supply plugs with wet hands. Electric shock could result.

⚠ Fdxwlrq

Do not touch liquid leaking from batteries. Harmful chemicals could cause burns or blisters.

Wulsrq

⚠ Fdxwlrq

- When mounting the instrument to the tripod, tighten the centering screw securely. Failure to tighten the screw properly could result in the instrument falling off the tripod, causing
- Tighten securely the leg fixing screws of the tripod on which the instrument is mounted. Failure to tighten the screws could result in the tripod collapsing, causing injury.
- Do not carry the tripod with the tripod shoes pointed at other persons. A person could be injured if struck by the tripod shoes
- Keep hands and feet away from the tripod shoes when fixing the tripod in the ground. A hand or foot stab wound could result.
- Tighten the leg fixing screws securely before carrying the tripod. Failure to tighten the screws could lead to the tripod legs extending, causing injury.

Odvhu#/dihwl

⚠ Z duqlqj

- Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- Never intentionally point the laser beam at another person.

 The laser beam is injurious to the eyes and skin. If an eye injury is caused by exposure to the laser beam, seek immediate medical attention from a licensed ophthalmologist.
- The laser beam is emitted when the power is turned ON.

 Before turning the power on, make sure that persons are not located in the path of the laser beam.
- Secure the instrument in a fixed position before it is used. If it is necessary to hold the instrument by hand, make sure that persons are not located in the area before the laser is emitted.
- O Do not look directly into the laser beam. Doing so could cause permanent eye damage.
- O Do not stare at the laser beam. Doing so could cause permanent eye damage.
- Never look at the laser beam through a telescope, binoculars or other optical instruments. Doing so could cause permanent eve damage.
- Sight targets so that the laser beam does not stray from them.

⚠ Fdxwlrq

- Perform checks at start of work and periodic checks and adjustments with the laser beam emitted under normal conditions.
- When the instrument is not being used, turn off the power.
- When disposing of the instrument, destroy the battery connector so that the laser beam cannot be emitted.
- Avoid setting the instrument at heights at which the path of the laser may strike pedestrians or drivers at head height.

 Operate the instrument with due caution to avoid injuries that may be caused by the laser beam unintentionally striking a
- person in the eye.

 O Do not emit the laserbeam at eye level.
- Never point the laser beam at mirrors, windows or surfaces that are highly reflective. The reflected laser beam could cause serious injury.

Only those who have received training as per the following items shall use this product

- Read this manual for usage procedures for this product.
- •Hazardous protection procedures (read "LASER SAFETY INFORMATION")
 - Requisite protective gear (read "LASER SAFETY INFORMATION")
 - Accident reporting procedures (stipulate procedures beforehand for transporting the injured and contacting physicians in case there are laser-induced injuries).
- Persons working within the range of the laser beam are advised to wear eye protection which corresponds to the laser wavelength of the instrument being used. (OD2)
- Areas in which the laser is used should be posted with a standard laser warning sign.

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Refer to "LASER SAFETY INFORMATION" in your manual (PDF)

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⚠ Z duqlqj

- O Do not use within the vicinity of hospitals. Malfunction of medical equipment could result.
- Use the instrument at a distance of at least 22 cm from anyone with a cardiac pacemaker. Otherwise, the pacemaker may be adversely affected by the electromagnetic waves produced and cease to operate as normal.
- O not use onboard aircraft. The aircraft instrumentation may malfunction as a result.
- Do not use within the vicinity of automatic doors, fire alarms and other devices with automatic controls as the electromagnetic waves produced may adversely affect operation resulting in an accident.

VWDQGDUG#SDFNDJH#FRPSRQHQWV

Upon opening, make sure that all the following are included













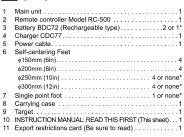












Note

- Dry batteries are sold separately.
- A dedicated power cable for the country or the area where the instrument is purchased is attached.
- * Included accessories vary by package.

TOPCON CORPORATION (Manufacturer)

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GLOBAL GATEWAY https://global.topcon.com

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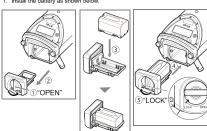
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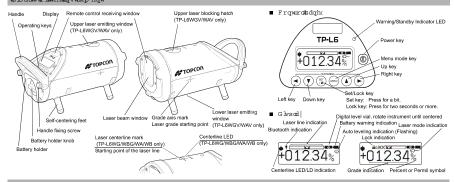
WS 009#vhulhv



4 IIqvwdodqj#kh#edwhu 1. Install the battery as shown below.



#51Sduw#ri#kh#qvwxp hqw



#Edvlf#shudwlrq+Vhwidqj#s\$#kh#qvwwphqw#Hudgh#vhwidqj#swrfhgxuh##Vhwidqj#bdvhu#Dlqh#HDxwrpdwlf#fhqwhulqj,

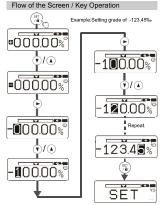
- Vhwdqj#ks#kh#gvwxphqw
- 1. Press (11) to turn ON the power.
- 2. Install the TP-L6 so that the level vial display for rotating



■ Judgh#vhwilqj#surfhgxuh



- Judgh#vhwolqj#surfhgxuh-Gluhfwfhqwu|#ri#judgh#ydoxh,
- 1. Press (set / fi) first, and then press () / (A) to select "+" or "-"
- 3. Repeat Step 2 and finally press (ser





+00.000%

(MENU)

- 1 Press (MENU) to access the "MENU!" mode
- 2. Press (V) (A) (B) to reverse a desired item display.

Then, press (str) to determine the item.



Set ON/OFF of Centerline LED. (TPJI 6WG/WRG/WA/WR only)

■ Laser mode:BEAM(2/3) Change the laser mode.

Upper-Lower laser or Centerline LED

(TP-L6WAV/WA/WB only) † 30min ■ Laser automatic OFF:BEAM(3/3) Set the "Automatic OFF (30 minutes)" function for

■ Automatic alignment:MENU(2/5)* The laser beam moves to the target center (in horizontal direction) automatically. (TP-L6WGV/WG/WAV/WA only)

■ Enlarged display of level vial:DISPLAY(1/3)

When the power is turned ON, the level vial display for otating direction is enlarged. Press the power key again, and the basic screen is displayed

■ Enlarged display of level vial:DISPLAY(2/3) When tilted in the rotating direction, the level vial display is enlarged.

■ Unit DISPLAY (3/3)

■ Security Code:MENU(4/5)*

Set the unit of grade.

Set "Security code"

Set "Bluetooth communication"

■ Bluetooth communication:MENU(5/5)*

*The menu number is changed according to models.

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ON / Blinking / Energy-saving

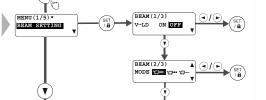
(TP-L6WGV/WG/WBG only)

10-10-10-

ON / Blinking

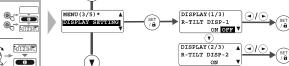


Flow of the Screen / Key Operations



BEAM (3/3)





DISPLAY(3/3) UNIT 8 % Refer to the Instruction manual (PDF).

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1. From the controller ---MENU (4/5) * SECURITY

 From the controller, access Google Play.
 Search for "Laser Manager" and install the application.

3.Tap the icon on the controller to start up "Laser Manager".

Note:For details on Google Play and how to install this application, see the Google support home page (https://support.google.com).

#BIZ duqlqj#qqlfdwlrqv##Frxqwhup hdvxuhv



(K Reposition the instru-ment by tilting in the direction indicated by arrow.

Reposition the instrument to the direction indicated by arrow. Always position the instrument so the bubble in the digital level vial is cen-

Q Reposition the instru-

WAIT













