



Standard Components

- LN-150
- Battery BDC72 2 pieces
- Battery Charger CDC77
- Power cable
- Wiping cloth
- Instruction Manual : Read this first (This sheet)
- Laser caution sign-board
- Carrying case
- Export restrictions card (Be sure to read)

Optional Accessory



360° prism ATP2



SPECIFICATIONS	
Model	LN-150
Measuring Range	Distance Vertical range
Measurement Accuracy	Distance accuracy: (3.0 + 2ppm X D)mm Angle accuracy : 5"
Auto Leveling	Leveling range
Inclination Compensation	Method Working range
Motor	Motion range Maximum rotation speed
Guide Light	Light source Visible range
Laser Plummet	Light source
Communication	W-LAN 802.11 n/b/g, 100m Bluetooth Class 1, Usable range: to 130m *2*3
Power Supply	Standard battery Operating time
Dimension	185 (W) x 198 (D) x 322 (H)mm
Weight	Approx. 4 kg (including battery BDC72)
Environmental resistance	Operating temperature Storage temperature
Dustproof/Waterproof	IP65

Note:
*1 When prism ATP2 or ATP2SII is used. Ambient condition: not under severe weather of Rain/Fog/Heat Shimmer.
*2 No obstacles, few vehicles or sources of radio emissions/interference in the near vicinity of the instrument, no rain.
*3 Usage range could be shorter depending on specifications of Bluetooth device to communicate.

LN-150
Layout Navigator



Simple & fast layout Navigator

- Easy instrument set up with auto self-leveling.
- Smart phone or tablet application for easy use.
- Fast stake out with the real time updating position on the screen.
- Suitable for diverse indoor and outdoor applications.

Your Local Authorized Dealer is:

Easy survey operation

Easy instrument set up with Auto Self-Leveling



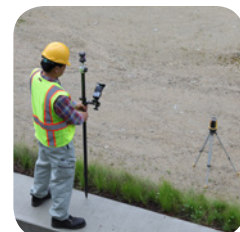
Speedy stakeout

On-screen prism location in real-time thanks to high speed data updates at 20 times per second.



Easy guidance

User-friendly prism re-acquisition with color coded guide light.



Works anywhere

260m diameter range, Maximum vertical angle is +55 degree. It covers the construction site to do layout works.

* For Bluetooth connection, please use class 1 Bluetooth devices. Usage range could vary depending on the environment.



Move to right on Green light



Layout line



Move to left on Red light

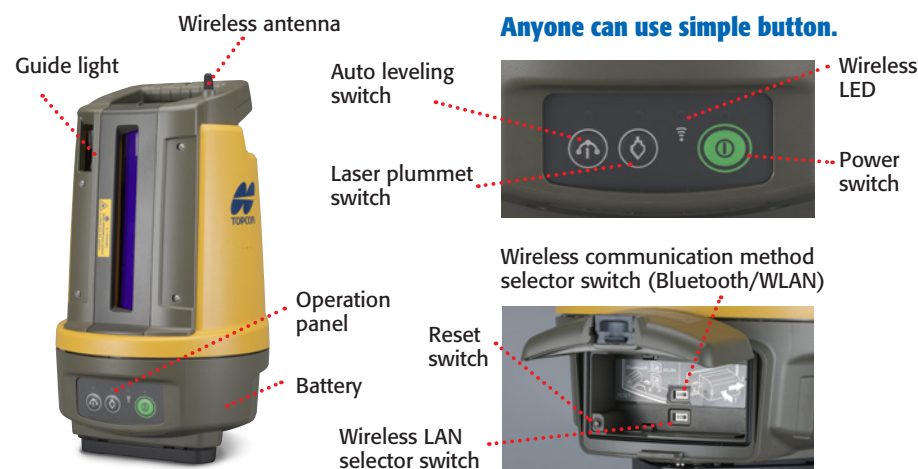
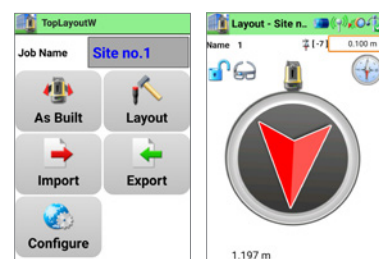
Smart phone is your controller. Only one person can complete 3D survey.



TopLayout

Basic 3D design data layout and as-built application.

Freeware downloadable from Google Play!



Anyone can use simple button.

LN-150



Multiple software options for productive layout

MAGNET Field Layout

Discover MAGNET Field Layout software features and benefits:

- Flexible building plan entry
- Intuitive and graphical building layout menus
- Large file format support including DWG
- Fast creation of design points from lines
- Hardware support for conventional and robotic total stations
- Exchange with MAGNET Enterprise, AutoCAD 360, or Bentley ProjectWise



MAGNET Construct

3D LAYOUT IN THE PALM OF YOUR HAND

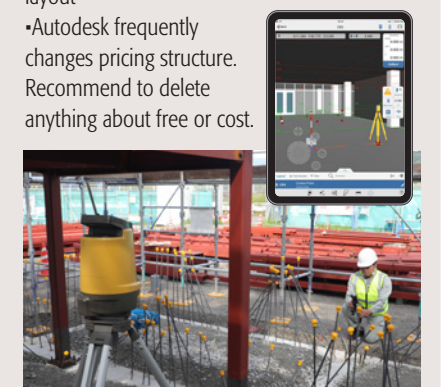
- Mobile app for Android and iOS handheld devices
- Built to control robotic total stations, GNSS receivers and Layout navigator
- Longlink technology for a GNSS rover and base connection
- Simple, easy-to-use interface
- Change language and terminology within seconds
- Share files directly via email or through MAGNET Enterprise
- Secure data transfer, both to and from the field



AUTODESK®
BIM 360® LAYOUT

BIM 360 Layout software construction site layout software

- More accurate and efficient layout and verification
- Use models with robotic total stations for site layout
- Autodesk frequently changes pricing structure. Recommend to delete anything about free or cost.



Construction layout and verification

BIM 360 Layout construction planning software enables contractors to connect the coordinated model to field layout and verification processes.