

DL-500 Series – Electronic digital level

Topcon's DL-500 Series digital levels maximise work efficiency whilst at the same time minimise human errors, providing consistent measurement precision and speed regardless of the operator's skill level.

Incorporating cutting-edge Random-Bidirectional (RAB) coding technology, the DL-500 provides exceptional accuracy, stability and speed, under a variety of environmental

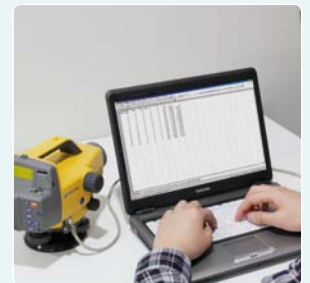
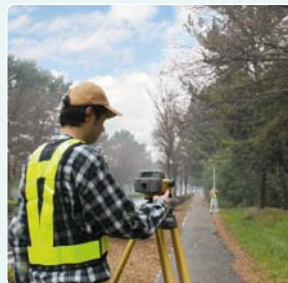
conditions. Even when the staff surface is partially shaded, or in low lighting conditions the DL-500 instantly shows reliable results. Using the world's first "Wave-and-Read" technology, the DL-500 allows the rod person to wave the staff back and forth, instead of keeping the staff plumb, so identifying the true and correct staff reading.



KEY FEATURES - DL-500

- Fast 1.5 second measuring time
- Auto-detection of staff attitude
- Ability to measure lowest height on rocking staff
- Sub-millimetre measurement accuracy
- Extended 16 hours battery life

SURVEY



Applications

Elevation – Calculates elevation of foresight (FS) with reference to backsight (BS) elevation. Elevation of the turning point (TP) is used for a new backsight, allowing for consecutive leveling.

Cut and Fill – Cut and fill stakeout routines facilitate slope work.

Ceiling Height – Two measurements provide a ceiling height; one with a staff placed on the ground, the other with an inverted staff put onto the ceiling. Ceiling elevation can also be calculated with reference to the benchmark elevation.

Height Difference – Automatically displays the height difference between backsight (BS) and foresight (FS).



DL-502 Package

● Standard configuration

- DL-502/ 503 Digital Level unit
- BDC46B Li-ion battery
- CDC68 charger
- EDC113 AC power cable
- Hex wrench
- Vinyl cover
- User manual
- Carrying case