

# DL-500 series Digital Levels



The Topcon DL-500 implements a 'Wave-and-Read' technology, providing an additional survey style option that allows a rod person to wave the staff back and forth, instead of keeping the staff plumb. The staff reading becomes the minimum when it stands vertically. The DL-500 tracks the waved staff and automatically reads the least value. This allows for error-free readings, while eliminating eyestrain.

The DL-500 also incorporates the advanced Random-Bidirectional code (RAB code) for the staff and optimum digital processing algorithm for staff reading. Even when the staff surface is partially shaded, or in dim lighting conditions as low as 20 lux, one single button triggers measurement and the DL-500 records reliable results.

The DL-500 automatically recognises the staff directions, either upright or inverted.

Two models are available in different height measurement accuracy: DL-502: 0.6mm (Invar staff), 1.0mm (fiberglass staff) and DL-503: 0.8mm (Invar staff), 1.5mm (fiberglass staff).

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<https://www.gim-international.com/content/news/dl-500-series-digital-levels>

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