

# Leica DISTO™ D110

The original laser distance meter



- when it has to be **right**

*Leica*  
Geosystems

General	
<b>Typical Measuring Tolerance*</b>	± 1.5 mm / ± 0.06 in ***
<b>Maximum Measuring Tolerance**</b>	± 3.0 mm / 0.12 in ***
<b>Range at Leica target plate GZM26</b>	70 m / 230 ft
<b>Typical Range*</b>	0.2-60 m / 0.6-200 ft
<b>Range at unfavourable condition ****</b>	30 m / 98 ft
<b>Smallest unit displayed</b>	0.1 mm / 1/32 in
<b>Power Range Technology™</b>	yes
<b>Laser class</b>	2
<b>Laser type</b>	635 nm, < 1 mW
<b>∅ laser point at distances</b>	6 / 30 / 60 mm 10 / 50 / 100 m
<b>Protection class</b>	IP54 (dust- and splash water protected)
<b>Autom. laser switch off</b>	after 90 s
<b>Autom. power switch-off</b>	after 180 s
<b>Bluetooth® Smart</b>	Bluetooth v4.0
<b>Range of Bluetooth®</b>	10 m
<b>Battery durability (2 x AAA)</b>	up to 3000 measurements
<b>Dimension (H x D x W)</b>	120 x 37 x 23 mm 4.72 x 1.46 x 0.91 in
<b>Weight (with batteries)</b>	92 g / 3.25 oz
<b>Temperature range:</b>	
- Storage	-25 to 70 °C -13 to 158 °F
- Operation	-10 to 50 °C 14 to 122 °F

\* applies for 100 % target reflectivity (white painted wall), low ambient light, 25 °C

\*\* applies for 10 to 500 % target reflectivity, high ambient light, - 10 °C to + 50 °C

\*\*\* Tolerances apply from 0.2 m to 5 m with a confidence level of 95%. The maximum tolerance may deteriorate to 0.1 mm/m. At unfavorable conditions such as bright sunlight, targets with poor reflectivity, or high or low temperatures, the maximum tolerance may deteriorate to 0.15 mm/m above 5m.

\*\*\*\* applies for 100 % target reflectivity, background illumination of approximately 30'000 lux

Functions	
<b>Distance measuring</b>	yes
<b>Permanent measuring</b>	yes
<b>Area</b>	yes
<b>Beep</b>	yes
<b>Bluetooth® Smart</b>	yes
<b>Illuminated display</b>	yes