

# **X** Levelfix 550 Series

## Technical data

**LEVELFIX**  
INSTRUMENTS



	550Hb	550H	550HV	550HVG
<b>laser axis</b>	Horizontal	Horizontal	Horizontal & Vertical	Horizontal & Vertical
<b>Horizontal Accuracy</b>	≥ 4.8mm / 100m			
<b>Vertical Accuracy</b>	n/p		≥ 10mm / 100m	
<b>Battery</b>	Lithium-ion, 3.7V, 10000 mAh			
Battery life	≥ 55 hours			≥ 45 hours
<b>Auto-leveling range</b>	≤4°			
<b>Manual slope range</b>	n/p			≤10 %
Minimal increment	n/p			0.01%
<b>Functions</b>				
Scan Range	n/p		15°, 30°, 60°	
Rotation Speed	600 rpm ±10°		600/300/150/0 rpm ±10°	
Slope Range	n/p	≤10 %, dual axis		
Minimal Increment	n/p	0.01%		
Tilt function (HI alert)	yes			
Remote Control	no	In app only	included	
LevelfixConnect (bluetooth + APP)	no	yes		
<b>Tripod Connection</b>	5/8"			
<b>Working Range</b>				
without RLD/DLD	≤30 m (100 ft.)			
with RLD/DLD	≤300 m (1000 ft.)			
<b>Temperature</b>				
Storage temperature	-20° C to 60° C (-4 °F to 140 °F)			
Operating temperature	-10° C to 40° C (14 °F to 104 °F)			
<b>Size (H x W x L)</b>	200 mm x 200 mm x 180 mm (7.9 In x 7.9 in x 7.0 in)			
<b>Weight (With Battery)</b>	~ 2.12 kg (4.8 lb.)			
<b>Protection class</b>	IP66			
<b>Drop specification</b>	1m (3.28 ft)			
<b>Li-ion battery safety</b>	IEC 62133			
<b>Laser Safety</b>	IEC 60825-1:2014 Class 2M			
Colour	Red Beam, HighPower			Green Beam, HighPower+
Light source	Semiconductor laser diode			
Max output power	< 1 mW			
Wavelength	635 nm ± 5 nm			532 nm ± 5 nm