



**FREEMANS**  
TEST & MEASURE



# Digital Spirit LEVEL

- ✓ Illuminated digital display
- ✓ Shock proof end caps
- ✓ Machined edges for higher measurement accuracy
- ✓ Carry bag
- ✓ Hanging hole
- ✓ Soft carrying handle
- ✓ Magnetic base
- ✓ Accurate measurements from both surfaces



 WATCH VIDEO 

**30 CM**

**45 CM**

**60 CM**

**120 CM**

[www.freemansgroup.com](http://www.freemansgroup.com)

**USER MANUAL**



## Button Functions



Buttons	Functions
<b>On/Off</b>	Turn your <b>FREEMANS</b> Digital Spirit Level on/off.
<b>Hold</b>	Press to freeze measurement.
	1) Short Press to turn alarm on. Alarm will sound at 0°, 45° and 90°, to align objects quickly. 2) Long Press to turn back light On/Off.
<b>°, %, mm/m</b>	Press to toggle between degree, percentage or mm/m display options.
<b>Reference</b>	This key is for relative angular measurements 1) Place the level at the angle you want to set as the new reference angle. 2) Press the reference key, and the LCD display will show 0.0°. 3) Now you can measure the desired angle relative to your new reference angle. If the sound indication is on, an alarm will sound as you reach the reference angle.
<b>Calibrate</b>	In extreme temperature conditions, measurement accuracy may be affected and you will need to re-calibrate the level. 1) Press calibrate key for 4 seconds, till LCD displays CAL 1. 2) Place the level with the bottom surface touching a horizontal steady surface. 3) Press the calibrate button till the LCD displays CAL2. 4) Rotate the level by 180° so that the top surface is now touching the horizontal surface. Press calibrate key to finish.

## Technical Specifications

Product Features	Size			
	30cm	45cm	60cm	120cm
LCD Measurement Accuracy	±0.1°			
Accuracy at 0°-89°	±0.2°			
Vial Measurement Accuracy Top Surface	0.043°=0.75mm/m			
Vial Measurement Accuracy Bottom Surface	0.029°=0.50mm/m			
Measurement Units	Degree / % / mm per m			
Automatic Backlight	Yes			
Automatic Shutdown	180s			
Battery	1.5V 2*AAA			
1 Year Warranty	Yes			
Operating Temperature	0C to 40C			
Machined Measurement Surfaces	Yes			
Both Surface Measurement Function	Yes			
Magnetic Base	Yes			
Shock-Proof End Caps	Yes			
Carrying Handle	No	No	Yes	Yes
Hanging Hole	No	Yes	Yes	Yes
Carrying Bag	Yes			
CE Certification	Yes			

## ***Precautions***

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- 1) If you are not using the instrument for a long period of time, please remove the battery as this will prevent fluid leakage.
- 2) If a battery leak occurs, clean the liquid carefully using a soft cloth. Avoid skin contact with the liquid.
- 3) Discard used batteries as per local regulations.
- 4) Store your device in a cool and dry place. Avoid contact with water at all times.

## Warranty

All **FREEMANS** Test & Measure products are covered by a **1-year limited Warranty** against defects in material & workmanship and if found defective will be replaced free of charge. This is **valid from the date of final sale**. The warranty do not cover damage caused by misuse, modification, accident or fair wear and tear.



# FREEMANS

## TEST & MEASURE

*Please Retain this Instruction Manual in Order to Claim Your Warranty (If Applicable).*

### Contact us:

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# **FREEMANS**

*TEST & MEASURE*



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**LASER DISTANCE METERS**



**DIGITAL SPIRIT LEVELS**



**NEW**

**LASER DISTANCE METER**



**LASER LINE LEVEL**



**DIGITAL  
MEASURING  
WHEELS**