

## i77R Rotating Laser Level

### Red Beam Single Grade Laser

The Imex i77R is proven in all conditions to perform a vast range of levelling tasks in an efficient, effective way. With self-levelling, grade slope function, scan mode, horizontal and vertical, remote control and re-chargeable lithium-ion batteries the Imex i77R represents excellent value with versatile capabilities for a full range of construction functions. The single-grade slope function widens the instruments range of applications, allowing for grade/slope manual control from the remote for accurate construction tasks such as drainage, grading, fencing, paving etc.



## Technical Specification

Product code	012-I77RX10
Self levelling range	+/-5°
Accuracy	1.5mm @ 30m
Working distance	600m diameter with detector
Rotation speeds	0, 60, 120, 300, 600rpm
Scan mode	No
Grade slope	Yes – Single manual grade to 5° 8.8%
Plumb spot	Yes - up/down
Light source	Red laser diode, 635nm Class II
Remote control	Yes - ICR7
Horizontal/vertical	Horizontal only
Water/dust proof	IP66
Power	9 Ah 3.7v lithium-ion
Working time between charge	40 hours approx (4 hours charge time)
Charging type	USBC (front of laser / direct to battery)
High wind sensitivity re-set	Yes
Unit weight	2.48kg
Warranty	5 years
Included detector	LRX10 digital receiver

## LRX10 Digital Receiver Specification

Detection window	90mm -30 to +60
Working range	300m radius
Detectable spectrum	Red, green laser
Measurement accuracy	Ultrafine - 0.5mm, 1mm, 2mm, 5mm - Coarse
Magnets	2x topface
Drop test on concrete	1.5m height
Waterproof, shockproof	IP67 (fully dust proof/water submersible)
Warranty	3 years

## Kit Includes

- i77R laser level
- Hard carry case
- LRX10 receiver & bracket
- USB/C charging cable
- Wall charger adaptor
- Vehicle charger adaptor
- Magnetic target plate
- 2x 9.0Ah Li-Ion batteries



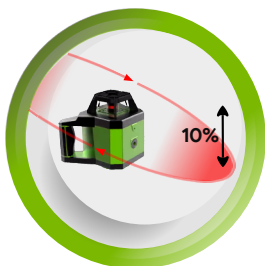
### Measurement Receiver Supplies as Standard

Ultra - accurate measurements  
displayed in mm

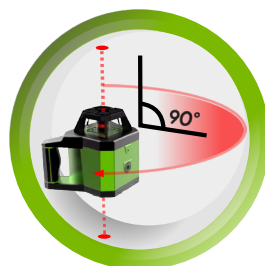


### 2x 9Ah Li-Ion Batteries

40hr Run-time | USB charging



**Single Grade/slope Mode**  
*Y axis manual grade*



**Up/Down Plumb Spot**  
*Self Levelling  
(90° to horizontal plane)*



**Self Levelling Horizontal Plane**  
*Self levelling  
600m dia range*



**Extended Warranty**  
*5yr laser warranty  
3yr receiver warranty*

\*Warranty terms apply



**Radio Remote Control**  
*Control the laser from  
20m away*



**RPM Control**  
*Switch RPM speeds  
0, 60, 120, 300, 600rpm*

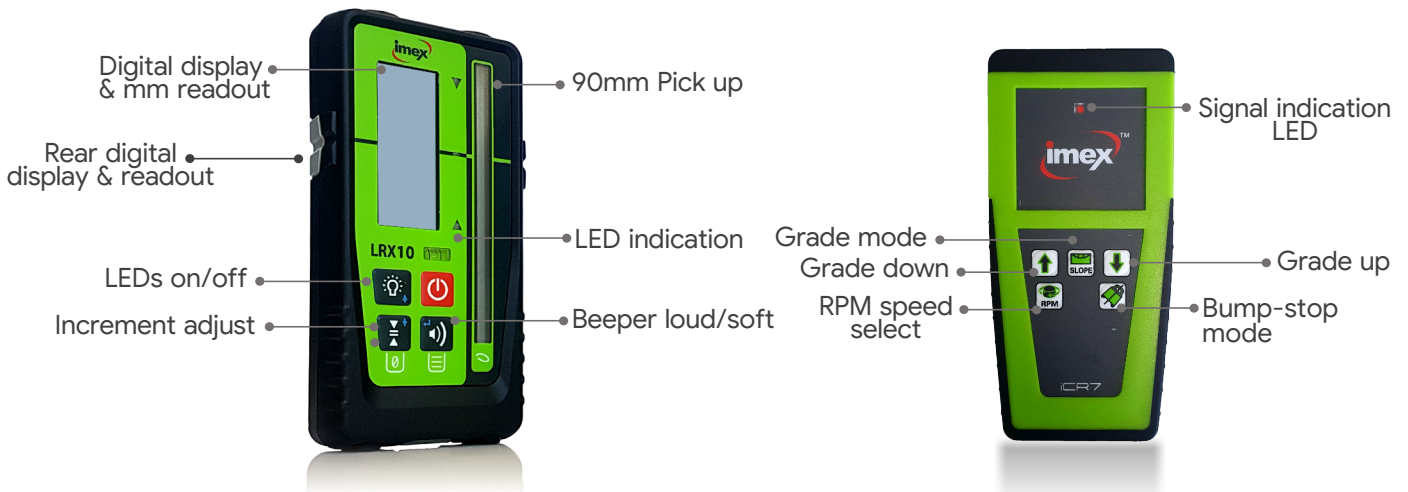


**Bump-Stop mode**  
*For use in busy work site areas  
to prevent re-levelling errors*

## i77R Rotating Laser Functions



## LRX10 Receiver + ICR7 Laser Remote Functions



For further information, please call our head office on 0115 944 0399

For service, repair, site-demo requests and calibration we recommend speaking to an adviser

Alternatively, visit our site: [www.imextools.co.uk](http://www.imextools.co.uk)



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