

StanleyBlack&Decker



LASER RANGE CATALOGUE





FAST PRECISION LEVELLING.

DeWALT Laser levels measure up to the toughest standards whilst providing the precision accuracy needed to get the job done quickly and accurately. The new 10.8V / 18V compatible range shares the same battery as our 10.8V / 18V power tools and are available in both red and green beam versions.



SPOT

Projects multiple laser spots for plumb, level and squaring applications.



LINE

Projects independent or simultaneous vertical and horizontal lines for accurate positioning of first and second fix applications.



360° LINE

Projects solid level line in all directions from the unit for accurate positioning in larger applications; perfect for drywalling, drop ceiling, and tiling.



ROTARY

Projects a single dot in a spinning circular motion for accurate ground measurement and levelling.



LINE DISTANCE MEASURE


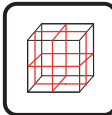
Fast, convenient and accurate line distance measurement tool.









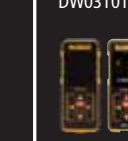
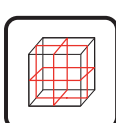
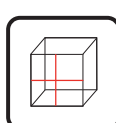
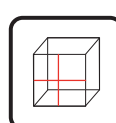
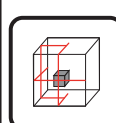
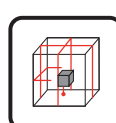
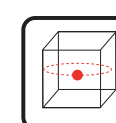
GREEN LASER TECHNOLOGY

The innovative new diode design allows the green beam laser to operate more efficiently across a wider temperature range. High accuracy from new green beam diode design. High visibility: up to 4 x brighter than red beam.

LASER PRODUCT RANGE

	DW085K	DW088K-XJ	DW088CG-XJ	DCE0825D1R-QW	DW089K-XJ	DCE089D1R-QW
						
	SPOT / CROSSLINE					
SUSPENDED CEILING		✓	✓	✓	✓	✓
STUD WALL LAYOUT	✓	✓	✓	✓	✓	✓
ELECTRICAL LAYOUT VERTICAL /HORIZONTAL		✓	✓	✓	✓	✓
KITCHEN UNIT LAYOUT	✓	✓	✓	✓	✓	✓
TRIM FIXTURE	✓	✓	✓	✓	✓	✓
FIXING LAYOUT	✓	✓	✓	✓	✓	✓
FLOOR TO CEILING TRANSFERS	✓	✓	✓	✓	✓	✓
TILING WALL & FLOOR		✓	✓	✓	✓	✓
WALL PAPERING		✓	✓	✓	✓	✓
CONCRETE LEVELLING						
GROUND LEVELLING						
FOUNDATION LEVELLING						
FORM WORK LAYOUT						
STEEL ERECTION						
TIMBER FRAME PANEL ERECTION	✓	✓	✓	✓	✓	✓
LASER PLANE						

AND APPLICATIONS

DCE089D1G-	STHT77498-1	STHT77499-1	STHT77502-1	STHT77514-1	DCE074D1R-QW	DW033, DW0165, DW03101
						
					ROTARY	LDM
✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓		
✓	✓	✓	✓	✓		
✓	✓	✓	✓	✓		✓
✓	✓	✓	✓	✓	✓	✓
					✓	
					✓	
					✓	
					✓	
					✓	
✓					✓	
						9m-100m

LASER LEVELS



DW085K

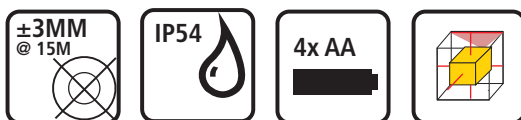
5 POINT + 1 BACKLINE LASER LEVEL

- Projects 5 independent spot beams and 1 horizontal backline
- Magnetic pivoting base with 1/4" thread front & rear mounted magnets allow flush attachment to metal track and steel.
- Includes a single lever power switch locks pendulum in the off position for added durability



Self-levelling spot beam laser. Projects 5 bright spot beams for accurate plumb and horizontal point transfer. Rear projecting horizontal line aids in additional leveling applications. Locking pendulum helps prevent damage to internal components in transit.

Beam	Red
Levelling Type	Self Levelling: +/- 4°
Accuracy per 10m	+/- 3mm @ 15m
Visibility Range	Dots 30m & Line 10 m
Laser Class	2
Number of Spots	5
IP Rating	IP54



Includes: Case / Battery / Ceiling Bracket.

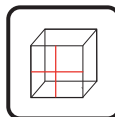
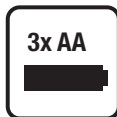
DW088K - XJ CROSS LINE LASER LEVEL - RED



- Projected Lines: Vertical, Horizontal or Cross line.
- Magnetic pivoting base with 1/4" thread. Rear mounted magnets allow flush attachment to metal track and steel.
- Battery Life Indicator.

Self levelling cross line laser projects bright horizontal and vertical lines that can be used independently or as a cross. Locking pendulum helps prevent damage to internal components in transit. Full - time pulse mode allows use with detector maintains full brightness for visibility.

Beam	Red
Levelling Type	Self Levelling: +/- 4°
Accuracy per 10m	+/- 3mm @ 10m
Visibility Range	15m (visible range) 50m (Detector range)
Laser Class	2
Number of Line Lasers	2
IP Rating	IP54
Battery Type	3X AA Size Batteries



Includes: Batteries & Case / Mounting Bracket

DW088CG - XJ

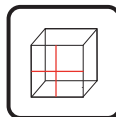
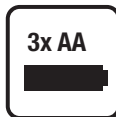
CROSS LINE LASER LEVEL - GREEN

- Projected Lines: Vertical, Horizontal or Cross line.
- Magnetic pivoting base with ¼" thread. Rear mounted magnets allow flush attachment to metal track and steel.
- Battery Life Indicator.



Self-levelling cross line laser. Projects bright horizontal and vertical lines that can be used independently or as a cross. Locking pendulum helps prevent damage to internal components in transit. Full - time pulse mode allows use with detector maintains full brightness for visibility.

Beam	Green
Levelling Type	Self Levelling: +/- 4°
Accuracy per 10m	+/- 3mm @ 10m
Visibility Range	20m (visible range) 50m (Detector range)
Laser Class	2
Number of Line Lasers	2
IP Rating	IP54
Battery Type	3X AA Size Batteries



Includes: Batteries & Case / Mounting Bracket

DCE0825D1R - QW

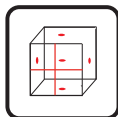
5 POINTS + CROSS LINE LASER LEVEL - RED



- Projected Lines: Vertical and Horizontal cross. Up, down, forward and side to side plumb spots
- Cross Line function features a 150° fan angle.
- Magnetic pivoting base with 1/4" & 5/8" thread for tripod mounting. Front & Rear mounted magnets allow flush attachment to metal track and steel.

Self-levelling spot beams & cross line laser. Projects five bright spot beams for accurate plumb and horizontal point transfer. Also projects horizontal and vertical lines that can be used independently or as a cross. Full - time pulse mode allows use with detector maintains full brightness for visibility. Locking pendulum helps prevent damage to internal components in transit. Durable design with IP65 rated water & debris resistance.

Beam	Red
Levelling Type	Self Leveling: +/- 4°
Accuracy per 10m	+/- 3mm @ 10m
Visibility Range	20m (visible range) 50m (Detector range)
Laser Class	2
Number of Line Lasers	2
IP Rating	IP65
Battery Type	10.8V 2.0Ah Li-Ion Battery



Includes: Batteries & Case / Mounting Bracket

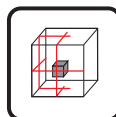
DW089K - XJ CROSS LINE + 90° LASER LEVEL

- The 3 Beam Line Laser aids in 90-degree layout
- Magnetic pivoting base with 1/4" & 5/8" thread for tripod mounting. Front & Rear mounted magnets allow flush attachment to metal track and steel.
- Features 2 times brighter diode to increase visibility in bright job site conditions.



Cross Line + 90° Laser Level features a second plumb line that forms a 90-degree intersecting line on the floor and ceiling. This third vertical beam allows contractors to use the tool for layout applications without the need for a second laser, saving time and allowing users to be as productive as possible. This line laser also has a micro adjust knob for easy alignment, a metal roll cage for durability. The micro adjust knob is especially important in that it allows users to steadily adjust the 90-degree layout lines in small increments without the need to nudge the laser to hit a specific mark.

Beam	Red
Levelling Type	Self Leveling: +/- 4°
Accuracy per 10m	+/- 3mm @ 10m
Visibility Range	20m (visible range) 50m (Detector range)
Laser Class	2
Number of Line Lasers	2
IP Rating	IP54
Battery Type	4X AA Size Batteries



Includes: Batteries & Case / Mounting Bracket

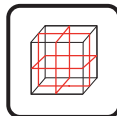
DCE089D1R - QW 3 X 360°MULTILINE LASER - RED



- Projected Lines:3x360°:
2 intersecting vertical and 1 horizontal or crossline.
- Battery Life Indicator
- Magnetic pivoting base with 1/4" & 5/8" thread for tripod mounting. Front & Rear mounted magnets allow flush attachment to metal track and steel.

Self-levelling cross line laser projects 3 x bright 360° horizontal and vertical lines (independently or as a cross) up to 50m making it ideal for working in large internal spaces. Full - time pulse mode allows use with detector maintains full brightness for visibility. Locking pendulum helps prevent damage to internal components in transit. Durable design with IP65 rated water & debris resistance.

Beam	Red
Levelling Type	Self Leveling: +/- 4°
Accuracy per 10m	+/- 3mm @ 10m
Visibility Range	20m (visible range), 50m (Detector range)
Laser Class	2
Number of Line Lasers	2
IP Rating	IP65
Battery Type	10.8V 2.0Ah Li-Ion Battery



Includes: Batteries & Case / Mounting Bracket

BENEFITS OF GREEN BEAM

The new Green Beam laser range offers the very latest in professional, self levelling laser design. The benefits of Green Beam lasers include: Class leading accuracy. Higher visibility - up to 4 x brighter than Red Beam. The new Green diode design offers extended working hours and wider operating temperature. DEWALT lasers are Guaranteed Tough with IP ratings of up to IP67.



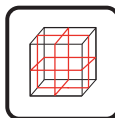
DCE089D1G - QW 3 X 360° MULTILINE LASER - GREEN



- Projected Lines: 3x360°:
2 intersecting vertical and 1 horizontal or crossline.
- Battery Life Indicator
- Magnetic pivoting base with 1/4" & 5/8" thread for tripod mounting. Front & Rear mounted magnets allow flush attachment to metal track and steel.

Self-levelling cross line laser projects 3 x bright 360° horizontal and vertical lines (independently or as a cross) up to 50m making it ideal for working in large internal spaces. Full - time pulse mode allows use with detector maintains full brightness for visibility. Locking pendulum helps prevent damage to internal components in transit. Durable design with IP65 rated water & debris resistance.

Beam	Green
Levelling Type	Self Leveling: +/- 4°
Accuracy per 10m	+/- 3mm @ 10m
Visibility Range	20m (visible range), 50m (Detector range)
Laser Class	2
Number of Line Lasers	2
IP Rating	IP65
Battery Type	10.8V 2.0Ah Li-Ion Battery



Includes: Batteries & Case / Mounting Bracket

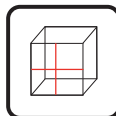
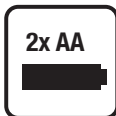
STHT77498-1 / STHT77499-1 CUBIX® CROSS LINE LASER LEVEL

- Projection: Crossline (Vertical & horizontal line)
- Locking pendulum for safety
- 3-position lock switch with manual mode
- 1/4 in. 20-thread mount for tripod use



This CUBIX® Cross Line Laser Level is ideal for light residential construction jobs including leveling chair rails and hanging cabinets. By projecting bright red vertical and horizontal lines onto flat surfaces, users can easily ensure that the item they are installing is level.

SKU	STHT77498-1	STHT77499-1
Beam	RED	GREEN
Levelling Type	Self Leveling: +/- 4° ≤ 5s	
Visibility Range	12m	16m
Accuracy per 10m	+/-6mm @ 10m	
Run Times	20 hrs	10 hrs
Laser Class	2	
IP Rating	IP50	
Battery Type	2X AA Batteries	



Includes: Batteries, Removable quick-link bracket, Protective pouch

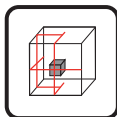
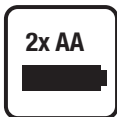
STHT77502-1 CROSS 90° LINE LASER



- Projection: 100-degree vertical line, horizontal lines, and additional 90-degree vertical line
- Locking pendulum for safety
- 3-position lock switch with manual mode
- 1/4 in. 20-thread mount for tripod use

The Cross 90° Red Beam Multi Cross Line Laser Level projects horizontal and vertical lines onto flat surfaces, including an additional vertical line that's 90 degrees from the cross line. This 90-degree line is ideal for tile or flooring installation or to lay out partition walls with ease.

Beam	Red
Levelling Type	Self Leveling: +/- 4°
Accuracy	+/-5mm @ 10m
Visibility Range	12m (Red)
IP Rating	IP50
Run Times (All Laser On)	7 hrs (Red)
Battery Type	2X AA Batteries
Run Times:	9 hrs (Red)



Includes: Batteries, Removable quick-link bracket, Protective pouch

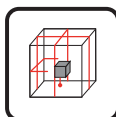
STHT77514-1 MULTI LINE LASER (4V1H1D)

- Projection: 4 vertical lines, 1 horizontal lines & 1 downward dot.
- Locking pendulum for safety
- Speed and Productivity on the job:
No need to rotate the unit &
No need to realign after each rotation



The STANLEY Multi Line Laser has multiple vertical laser beams and the downward dot allows fast plumb point transfer for improved accuracy. 4 vertical laser beams align multiple sides of a room with one set-up. Critical to most framing and installation jobs. Locking pendulum helps prevent damage to internal components in transit. Levelling vial allows user to adjust Full metal base on uneven floor.

Beam	Red
Levelling Type	Self Leveling: +/- 4°
Accuracy	H +/-2mm @ 10m , V +/-2mm @ 10m
Laser Beam/ Dot	4V1H1D
Working Range	10m/Pulse mode 50m (with detector)
Run Times (All Laser On)	7 hrs (Red)
IP Rating	IP54
Battery Type	4X AA Batteries



Includes: Batteries, Removable quick-link bracket, Protective pouch

ROTARY LASER RANGE



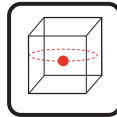
DCE074D1R-QW ROTARY LASER

- Full Automatic Horizontal and Vertical Self Levelling
- Plumb Dot Up
- Single Slope Mode allows user to set grade
- Removable Tripod Connector (5/8")
- 18V Rechargeable Battery (XR and XR FLEXVOLT compatible)
- Removable Tripod Connector (5/8")



Self Levelling 360° Rotary Laser projects bright beam either horizontally or vertically. Durable design with IP54 rated water and debris resistance makes it ideal for outdoor applications. Manual RPM Control. Easy to use with full onboard Panel. Long range visibility.

Beam	Red
Levelling Type	Self Levelling: +/- 5°
Accuracy per 30m	+/- 3mm
Visibility Range	45m
Range with Detector	450m
Laser Class	2
Rotational Spot	1
Number of spots	1
IP Rating	IP54
Battery Type	18V XR and XR FLEXVOLT



Includes: 1 Battery- 18V XR, Charger, Detector, Ceiling Bracket, Target board, Glasses, suitcase T-STAK.

LASER DISTANCE MEASURER



DW03101-XJ

100M LASER DISTANCE MEASURE

- 100m Range
- Large colour display for good visibility in all working conditions.
- Pythagoras Mode for Indirect Height Measurements
- 20 Measurement Memory
- TPE Over-Mould for secure grip and slip protection

Reliable and precise laser distance measure. Length, Area, Volume and Height Measurements. Compact and lightweight. 1/4 Inch Mounting Thread to work with a tripod. Durable design with IP54 rated water and debris resistance. Integrated Bluetooth unit allows data transfer to smart phones and tablets.



Accuracy per 10m	+/- 1.5mm
Range	100m
Laser Class	2
Number of Spots	1
IP Rating	IP54
Battery Type	3X AAA
Auto Power Saving	Individual settings available
Measurement Unit	Metric and Imperial
Battery Life	up to 5000 measurements



Includes: Batteries & Pouch

DW0165N

50M LASER DISTANCE MEASURE

- Large color screen makes it easy to view your measurements.
- Area and volume calculations.
- Touch pad control panel.
- 1m drop test rating.

Quickly capture measurements with a click of a button using the DEWALT 50m Laser Distance Measurer. This device can be used for a wide range of applications from Electrical, Plumbing and Mechanical work to Concrete and Masonry. Easily helps in measuring distances by projecting a laser spot from the aperture to the target surface. 1 to 2 button operation paired with a large screen makes it easier than ever.



Accuracy per 10m	+/- 3mm @ 10m
Range	50m
Laser Class	3R
Number of Spots	1
IP Rating	IP54
Battery Type	4X AA Batteries



Includes: Batteries

DW033-XJ

30M LASER DISTANCE MEASURE

- 30m Range
- Bright Display
- One button for both hold measurement and continuous measuring
- TPE Over-Mould for secure grip and slip protection

Fast and accurate laser distance measure. Compact and lightweight design. Durable design with IP40 rated water and debris resistance.



Accuracy per 10m	+/- 3mm
Range	30m
Laser Class	2
Number of Spots	1
IP Rating	IP40
Battery Type	2X AAA
Auto Power Saving	180 seconds
Measurement Unit	Metric and Imperial
Battery Life	up to 5000 measurements



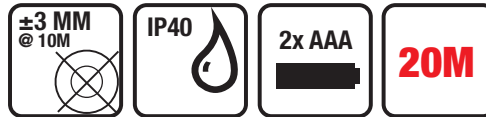
Includes: Batteries

STHT1-77032 (TLM65) LASER DISTANCE MEASURER 20M (TLM65)



- Provides distance/area/volume calculations.
- Continuous measurement function.
- Measurement taken from back of the product.
- Easy to read: Digital display, Auto shut off after approx. 120 secs
- Battery Life: Up to 3000 Measurements 2xAAA batteries supplied

Range	0.21m - 20 m
Accuracy	+/- 3 mm @ 10m
Laser Class	Class 2
IP Rating	IP40
Battery Type	2X AAA batteries



STHT9-77425 (TLM30) POCKET LASER DISTANCE MEASURER 9M (30FT)



- Easy to read: Digital display, auto shut off after approx. 90 seconds
- USB Charging: Battery Life Up to 3000 Measurements or 30 days (when not used).

Range	0.15m to 9m
Accuracy	+/- 6 mm
Laser Class	Class 2
Dimension	(62mm x 17.5mm x 32mm)
Weight	31.75g



0-77-260 2-IN-1 STUD SENSOR & LASER LEVEL



- Laser line level, layout tool and stud finder; detects metal and live wires in walls.
- Locates studs on horizontal and vertical surfaces; 180° pivoting laser plane with level and plumb vials.
- Laser Line Accuracy: 12 mm @ 6m
- Laser Line Range: Up to 6m line projection onto work surface with 90° squaring.
- LED display with continuous live wire detection, thumb dial adjustable feet for leveling the laser.
- Plastic case with rubber hand grips; backlit LCD display.
- Battery type: 9V battery (not included)

STHT77588-0 STANLEY STUD SENSOR



- Detects wood and metal studs at 1-1/2" depth & live wires.
- LED lights indicate stud direction and location.
- Center marking channel for accurate stud markings.
- Battery type: 2x AAA Batteries (included)
- Slim profile for easy storage and portability.
- Auto-calibration for accuracy

FMHT0-77407 FATMAX STUD SENSOR



- LCD backlight screen to see the centre of stud.
- Detects wood/metal studs up to 38mm.
- Audible sound to indicate stud centre and AC live wires (+ led).
- Marking channel to mark the centre of the stud
- Battery type: 1x 9V battery (not included)
- Soft grip design; Auto-calibration for continuously accurate readings

0-77-030 MOISTURE METER

The **STANLEY Moisture Meter** detects moisture in wood and common building materials including, but not limited to, drywall, plaster, concrete and cement board.



- Runs on 4 x AAA batteries (supplied)
- Measures wood moisture from 6% to 44% and masonry (mortar, concrete, plaster) moisture from 0.2% to 2.0%
- Measuring environment temperature
- Operating temperature 0 - 40°C
- Two detection pins (8mm length) to locate in material being tested
- Illumination LED
- LCD display indicating the moisture level on a bar graph
- Test sockets supplied in the cap
- Operates at 80% humidity



Detection range/ accuracy	Wood: 6 - 44% (+/-2%)
	Building materials: 0.2 - 2.0% (+/-0.1%)
Electrode pins	2 x 8mm
Display type	Backlit LCD

OPTICAL LEVELS

With precision optics and tough, rugged construction, STANLEY® Optical Levels offer high performance on site. The sealed design including dust protected levelling screws provides IP54 rated, keeping the internal mechanism safe from contaminants.

Working ranges of up to 107 metres enables reliable long distance leveling and measuring and features such as Stadia markings and optical peep site help to set points and levels quick and accurately over uneven terrain.

The optical levels come complete with professional tripod, mounts and accessories to provide dependable results every time.



AL 24G OPTICAL LEVEL

- For foundation form work, leveling, grading and drainage.
- Magnetically dampened, wire hung compensator with in- transit lock for optimum transit lock for accuracy and range
- Top mounted optical peep-sight for ease of ranging.
- Right angle prism for easy bubble viewing.
- Large easy to use focusing knob.
- Fine adjustment knobs on left and right sides with friction- braked rotation for continuous easy horizontal movement
- 1:100 stadia for estimating distance
- Sealed, dust and water protected for working in all conditions (IP54).



Part No:	1-77-182 1-77-159N (Kit)
Focal Range	30cm minimum with large effective aperture
Magnification	24X
IP Rating	IP54
Accuracy	1.6mm @ 50mm
Range	90m



Also available: Site pack set with tripod and staff

AL 32 OPTICAL LEVEL

- Wire hung magnetically dampened compensator for optimum transit lock for accuracy and range
- Compensator lock protects instrument during transport or storage; the lock can be used as a handy compensator checking tool.
- Top mounted optical peep-sight for quick reference.
- Large easy to use precise focusing knob.
- Easy-to-read horizontal circle.
- Penta prism for easy bubble viewing.
- Sealed, dust-protected leveling screws.
- 1 :100 stadia for distance estimation.



Part No:	1-77-238 1-77-244 (Kit)
Focal Range	30cm minimum with large effective aperture
Magnification	32X
IP Rating	IP54
Accuracy	1.6mm @ 75m
Range	107m



Also available: Site pack set with tripod and staff



LASERS ACCESSORIES

STHT77625-1

OPTICAL ACCESSORY



Tripod for Optical Level
(74-150cm)

1-77-163

OPTICAL ACCESSORY



Tripod for Optical Level
(97-162cm)

1-77-162

OPTICAL ACCESSORY



Aluminum Measuring
Staff 5M GD-II

DW0881T

OPTICAL ACCESSORY



Multi-Purpose
Tripod (Tilting head)

DE0892-XJ

DIGITAL DETECTOR



- Helps in locating a laser beam emitted by the laser in bright light conditions or over long distances.
- The detector can be used in both indoor and outdoor situations where it is difficult to see the laser beam.

INDICATORS

Grade	Above	Slightly Above	On	Slightly Below	Below
Audible Signals	Fast Beep	Fast Beep	Steady Beep	Slow Beep	Slow Beep
Display Icons					



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