

Technical data

Technical data	L2		L2G	L2P5	L2P5G	L4P1	P5	ML90	ML180
Art. No.	848435	864413	864420	864431	864435	834838	864427	784437	784438
Range*	25 m		35 m	25 m	35 m	15 m	30 m	20 m	20 m
Range with laser receiver*	80 m		80 m	80 m	80 m	80 m		100 m	100 m
Smart targeting									●
Levelling accuracy	± 0.2 mm/m		± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.07 mm/m	± 0.07 mm/m
Self-levelling range	± 4°		± 4°	± 4°	± 4°	± 3°	± 4°	± 5°	± 5°
# of laser dots				4	4	1	5	1	1
# of laser lines	2		2	2	2	4		3	4
Beam direction	vertical, horizontal		vertical, horizontal	vertical, horizontal, up, down, right, left	vertical, horizontal, up, down, right, left	3 vertical, 1 horizontal, 1 plumb down	up, down, forward, right, left	vertical forward + right, horizontal, plumb down	vertical forward + right + left, horizontal, plumb down
Dot accuracy				± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.2 mm/m	± 0.1 mm/m	± 0.1 mm/m
Horizontal line accuracy	± 0.3 mm/m		± 0.3 mm/m	± 0.3 mm/m	± 0.3 mm/m	± 0.2 mm/m		± 0.07 mm/m	± 0.07 mm/m
Vertical line accuracy	± 0.3 mm/m		± 0.3 mm/m	± 0.3 mm/m	± 0.3 mm/m	± 0.2 mm/m		± 0.07 mm/m	± 0.07 mm/m
Laser type	635 nm/class 2		525 nm/class 2	635 nm/class 2	525 nm/class 2	635 nm/class 2	635 nm/class 2	635 nm/class 2	635 nm/class 2
Battery type	AA 3 x 1.5V	Li-Ion rechargeable (or AA 3 x 1.5V)	Li-Ion rechargeable (or AA 3 x 1.5V)	Li-Ion rechargeable (or AA 3 x 1.5V)	Li-Ion rechargeable (or AA 3 x 1.5V)	Li-Ion rechargeable (or AA 4 x 1.5V)	AA 3 x 1.5V	NiMH rechargeable (or D 2 x 1.5V)	NiMH rechargeable (or D 2 x 1.5V)
Operating time **	up to 13 h (AA)	up to 44 h (Li-Ion)	up to 28 h (Li-Ion)	up to 44 h (Li-Ion)	up to 28 h (Li-Ion)	up to 24 h (Li-Ion)	up to 37 h (AA)	up to 15 h (NiMH)	up to 12 h (NiMH)
Protection class	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54
Dimensions	110 x 60 x 100 mm	110 x 60 x 100 mm	110 x 60 x 100 mm	110 x 60 x 100 mm	110 x 60 x 100 mm	147 x 147 x 181 mm	110 x 60 x 100 mm	250 x 159 x 230 mm	250 x 159 x 230 mm
Weight with batteries	500 g	530 g	530 g	530 g	530 g	1173 g	495 g	2200 g	2200 g
Tripod thread	1/4"	1/4"	1/4"	1/4"	1/4"	5/8" + 1/4"	1/4"	5/8"	5/8"
Scope of delivery	L2, TWIST 250, Alkaline battery tray, batteries, target plate, soft pouch	L2, TWIST 250, Li-Ion battery pack, charger, Alkaline battery tray, target plate, hard case	L2G, TWIST 250, UAL 130, Li-Ion battery pack, charger, Alkaline battery tray, target plate, hard case	L2P5, TWIST 360, Li-Ion battery pack, charger, Alkaline battery tray, target plate, hard case	L2P5G, TWIST 360, UAL 130, Li-Ion battery pack, charger, Alkaline battery tray, target plate, hard case	L4P1, Li-Ion battery pack, charger, Alkaline battery tray, target plate, hard case	P5, TWIST 360, Alkaline battery tray, batteries, target plate, hard case	ML90, NiMH battery pack, charger, Alkaline battery tray, laser goggles, target plate, hard case	ML180, XCR Catch, NiMH battery pack, charger, Alkaline battery tray, laser goggles, target plate, hard case

Technical data receiver	RVL 80	RGR 200
Art. No.	838757	866090
Function	locating red laser lines	locating red and green laser lines
Working range*	5-80 m	2-80 m
Accuracy	± 1mm	± 1 mm, ± 3 mm
Accuracy channels	1	2
Detection window	20 mm	85 mm
Detectable spectrum	635 nm ± 5 nm red	635 nm ± 5 nm red, 525 nm ± 5 nm green
Automatic shut-off	10 min.	30 min.
Digital display		2
Illuminated display		front and back side
Fixing magnets		yes
Accustical signal	100 dB, 80 dB, 0 db switchable	100 dB, 80 dB, 0 db switchable
Battery type/life	PP3 1 x 9V/15h	AA 2 x 1.5 V/40h
Protection class	IP 54	IP 65
Dimensions	140 x 68 x 25 mm	158 x 73 x 26 mm
Weight with batteries	165 g	250 g
Scope of delivery	RVL 80, receiver bracket, batteries, soft pouch	RGR 200, tough receiver bracket, batteries,



For all devices

in accordance with IEC 60825-1

*) depending on lightning conditions
**) depending on laser mode

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