

Leica Rod Eye Series

Data sheet



Laser receivers quickly and easily detect laser planes when the laser beam is not visible. Not only do they detect the laser beam, they maximise performance of your Rugby laser and any construction laser on site. Work conveniently with Rugby lasers and Rod Eye receivers even at very long distances.

BENEFITS

- The most complete and professional receiver portfolio for all your general construction and interior applications
- Save time and work conveniently with offsets thanks to the digital read-out feature in Rod Eye 160, 180 and 120G
- Rod Eye 140, 160 and 180 anti-strobe feature assures highest detection reliability by rejecting strobe light
- Designed to last - IP 67 protection on almost all our receivers
- Very fine detection accuracy (bandwidth) when the highest accuracy is required

Leica Rod Eye Series

The professional's choice



Technical Data	Rod Eye Basic	Rod Eye 120G Basic	Rod Eye 120 Basic	Rod Eye 140 Classic	Rod Eye 160 Digital	Rod Eye Digital RF
Anti-strobe	No	No	No	Yes	Yes	Yes
Smart Targeting / Smart Lock	No	No	No	No	No	Yes
Working diameter (laser dependent)	600 m	400 m	900 m	1,350 m	1,350 m	1,350 m
Detection window	36 mm	70 mm	70 mm	120 mm	120 mm	120 mm
Digital readout / height	No	Yes / 70 mm	No	No	Yes / 90 mm	Yes / 90 mm
Digital readout / units	-	mm, cm, in, frac, ft	-	-	mm, cm, in, frac, ft	mm, cm, in, frac, ft
Detectable spectrum	600 nm to 800 nm	500 nm to 570 nm	600 nm to 800 nm	600 nm to 800 nm	600 nm to 800 nm	600 nm to 800 nm
Automatic shutoff	10 minutes	10 minutes	10 minutes	10 minutes	10 minutes	10 minutes
Audio volumes	High / Low / Off	High / Low / Off	High / Low / Off	High / Low / Off	High / Med / Low / Off	High / Med / Low / Off
Arrow display	5 channels	11 channels	9 channels	9 channels	15 channels	15 channels
Detection accuracies	Fine ± 1 mm Coarse ± 3 mm	Fine ± 1 mm Medium ± 2 mm Coarse ± 3 mm	Fine ± 1 mm Medium ± 2 mm Coarse ± 3 mm	Fine ± 1 mm Medium ± 2 mm Coarse ± 3 mm	Very Fine ± 0.5 mm Fine ± 1 mm Medium ± 2 mm Coarse ± 3 mm Very Coarse ± 5 mm	Very Fine ± 0.5 mm Fine ± 1 mm Medium ± 2 mm Coarse ± 3 mm Very Coarse ± 5 mm
Protection class (splash / dust proof)	IP66	IP67	IP67	IP67	IP67	IP67
Battery type / life	1x 9V / 50+ hours	2x AA / 50+ hours	2x AA / 50+ hours	2x AA / 50+ hours	2x AA / 50+ hours	2x AA / 50+ hours
Dimensions (HWD)	150 x 80 x 35 mm	173 x 76 x 29 mm	173 x 76 x 29 mm	173 x 76 x 29 mm	173 x 76 x 29 mm	173 x 76 x 29 mm
Operating temperature	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C

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- when it has to be **right**

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