

Leica Rod Eye Series

Data sheet



NEW

Laser receivers quickly and easily detect laser planes when the laser beam is not visible. Not only detecting the laser beam, they maximize 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
- Receiver and Remote combined in one device (Combo)
- Save time and work conveniently with offset and adjustable sensor window thanks to the new features in the Combo
- Combo, Rod Eye 140, 160 and 180 anti-strobe feature assures highest detection reliability by rejecting strobe light
- Designed to last - IP 67 protection on 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 120G Basic	Rod Eye 120 Basic	Rod Eye 140 Classic	Rod Eye 160 Digital	Rod Eye 180 Digital RF	Combo Digital RF
Anti-strobe	-	-	✓	✓	✓	✓
Smart Targeting / Smart Lock	-	-	-	-	✓	✓
Working diameter (laser dependent)	400 m (1300 ft)	900 m (2950 ft)	1,350 m (4400 ft)	1,350 m (4400 ft)	1,350 m (4400 ft)	1,350 m (4400 ft)
Detection window	70 mm (2.75 in)		120 mm (4.7 in)			
Adjustable detection window	-	-	-	-	-	✓
Off Set function	-	-	-	-	-	✓
Digital readout / height	✓ / 70 mm (2.75 in)	-	-	✓ / 90 mm (3.5 in)	✓ / 90 mm (3.5 in)	✓ / 90 mm (3.5 in)
Digital readout / units	mm, cm, in, frac, ft	-	-	mm, cm, in, frac, ft		
Detectable spectrum	500 nm to 570 nm		600 nm to 800 nm			
Automatic shutoff	10 minutes					
Audio volumes	High / Low / Off			High / Med / Low / Off		
Arrow display	11 channels	9 channels	9 channels	15 channels		
Detection accuracies	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	Very Fine ± 0.5 mm Fine ± 1 mm Medium ± 2 mm Coarse ± 5 mm
Protection class (splash /dust proof)	IP67					
Battery type / life	2x AA / 50+ hours					Li-Ion rechargeable
Dimensions (HWD)	173 x 76 x 29 mm (6.8 x 3.0 x 1.0 in)					205 x 86 x 32 mm (8.0 x 3.4 x 1.25 in)
Operating temperature	-20°C to +50°C (-4° F to +122° F)					

Illustrations, descriptions and technical data are not binding. All rights reserved. Printed in Switzerland – Copyright Leica Geosystems AG, Heerbrugg, Switzerland, 2018. 852695enus - 03.18

Leica Geosystems AG
leica-geosystems.com



© 2018 Hexagon AB and/or its subsidiaries and affiliates. Leica Geosystems is part of Hexagon. All rights reserved.

- when it has to be **right**

Leica
Geosystems