

# 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 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
- 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
<b>Anti-strobe</b>	No	No	No	Yes	Yes	Yes
<b>Smart Targeting / Smart Lock</b>	No	No	No	No	No	Yes
<b>Working diameter (laser dependent)</b>	600 mm	400 mm	900 mm	1,350 mm	1,350 mm	1,350 mm
<b>Detection window</b>	36 mm	70 mm	70 mm	120 mm	120 mm	120 mm
<b>Digital readout / height</b>	No	Yes / 70 mm	No	No	Yes / 90 mm	Yes / 90 mm
<b>Digital readout / units</b>	-	mm, cm, in, frac, ft	-	-	mm, cm, in, frac, ft	mm, cm, in, frac, ft
<b>Detectable spectrum</b>	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
<b>Automatic shutoff</b>	10 minutes	10 minutes	10 minutes	10 minutes	10 minutes	10 minutes
<b>Audio volumes</b>	High / Low / Off	High / Low / Off	High / Low / Off	High / Low / Off	High / Med / Low / Off	High / Med / Low / Off
<b>Arrow display</b>	5 channels	11 channels	9 channels	9 channels	15 channels	15 channels
<b>Detection accuracies</b>	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
<b>Protection class (splash /dust proof)</b>	IP66	IP67	IP67	IP67	IP67	IP67
<b>Battery type / life</b>	1x 9V / 50+ hours	2x AA / 50+ hours	2x AA / 50+ hours	2x AA / 50+ hours	2x AA / 50+ hours	2x AA / 50+ hours
<b>Dimensions (HWD)</b>	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
<b>Operating temperature</b>	-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

**Leica Geosystems AG**  
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