

# Alpha

PRO SHOT

**AUTOMATIC HORIZONTAL SERVO  
LEVELLING LASER WITH SLOPE MATCHING**

Made in USA

**6**  
YEAR WARRANTY

**Champion Warranty  
Longest Laser  
Warranty in  
Australia**

**Features -**

- Accuracy 1.5mm/30m
- Horizontal Fully Automatic Self-Levelling – servo driven
- Manual Grade/Slope Matching (Single Axis) – up to 8% in Y-axis, X-axis remains self-levelling. Use the up & down arrows to easily set the laser to your desired grade in the Y-axis
- 600 & 1200rpm selectable rotation speed – for machine control applications
- Anti-Drift Height Alert Indicator – stops rotation if laser height is adjusted once set-up is complete. This feature can be turned on or off
- Low Battery Indicator
- Fits fat or domed tripod
- Fast one-button self levelling
- Cross axis self levelling with grade matching
- Optional rechargeable Ni-Mh battery kit



PRO SHOT™



Two models to choose from:

**6**  
YEAR WARRANTY

- **Alpha**  
Class II  
R9 Receiver + Clamp
- **Alpha-XD**  
Class 3R



**R9 Receiver Specifications**

- Reception Height 50mm
- Reception Angle 120 degrees
- Standard mode accuracy ±1.6mm nominal
- Coarse mode accuracy ±3.2mm nominal
- Ultra-fine mode accuracy ±1.0mm nominal
- Power supply two 9 volt battery
- Battery life 60 hours continuous
- Automatic shut off After 12 min. (no laser strikes)
- Environmental Sealed against dust & water
- Adjustable tone volume High / Low / Off

Made in USA



**NEED LONGER RANGE?**

The **Alpha XD** will provide 1000m (dia) using R9 receiver. Perfect for agricultural land levelling & large industrial sites.

**SPECIFICATIONS**

WORKING RANGE	610m+ diam (with receiver) - 1000m for Alpha XD (with receiver)
ACCURACY	±1.5mm @ 30m
LEVELLING TYPE	servo motor ± 5 degrees
BATTERIES	4 x C cells
OPERATING TIME	100 hrs (Alkaline), 65 hrs (optional NiMH charge kit)
ROTATION SPEEDS	600rpm or 1200 rpm
ENVIRONMENTAL	water & dust proof: IP56
OPERATING TEMP	-10° to 60°C
SLOPE CAPABILITY	single axis manual slope matching up to 8%

