

AGL

EAGL 3 Series

DUAL & SINGLE SLOPE LASERS

**The Easiest Solution
For Your Toughest
Site Problems**



The easy solution for your toughest site control problems. Long range beam, steep slope operation in both axes, battery operated, easy to use... some of the features that make the EAGL-3 the premiere dual-slope laser transmitter.

THE EAGL 3 SERIES

The EAGL 3 Series units are construction tough, precision laser instruments designed for ease of setup and use by anyone. Large electronic self-leveling range, direct entry grades from -5% to +50%, and up to 4000' (1220m) of working range make the EAGL 3 the optimum dual and single slope transmitter.

All laser systems consist of an external housing/battery compartment plus the all critical internal mechanisms. The EAGL-3's internal mechanical systems (grade devices, self-leveling, optical and chassis) use the highest quality aluminum, brass and stainless steel that are precisely machined to exact specifications. Circuit boards utilize first class, top-of-the-line electronic components.

The EAGL-3 is designed to last...no fragile metal stampings, plastic mechanical internal parts or low quality electronic components are used. The EAGL-3 Series is built **JOBSITE TOUGH!**

- Electronic self-leveling for consistent accuracy and performance in high ground vibration and windy environments.
- Long range laser beam for maximum utilization from a single setup.
- Ruggedly designed and manufactured to withstand harsh jobsite conditions.
- Multiple power sources including on-board, rechargeable battery.
- A tool that takes the difficulty out of Site Preparation, Excavating, Rough Grading and Fine Grading.

EAGL-350 Models

For steep-slope control.
Set grades from -5% to +50%.

EAGL-310 Models

Precision slope control from -5% to +10%

EAGL-310XR

For the real big jobs.
Covers 4000' (1220m) diameter area
with dual-slope control!

+50%





STEEP-SLOPE CONTROL

The EAGL-350 lets you "set and forget" slopes from negative 5% to positive 50% grade in both axes. Just enter your slopes on the separate X and Y axis grade control pads, set rotation speed and align the unit. Slope control has never been this easy. Accurate steep-slope control has never been possible until now.

DIRECT ENTRY NEGATIVE SLOPES

Only the EAGL-3 lets you enter negative grade directly into the laser. For crown work, you no longer have to rotate and realign the laser. Just enter the desired negative grade. What was a 30 minute job now takes 30 seconds.

LONG RANGE BEAM AND BATTERY OPERATION

The EAGL-3 utilizes the latest in laser technology - visible laser diode - to give you the dual benefit of a long range beam and operation from an on-board, rechargeable battery pack. The 310 and 350 models lets you control a jobsite up to 3000' (915m) in diameter from a single setup. The EAGL-310XR extends your control to 4000' (1220m) diameter, a 75% increase in total area!

IT CONTROLS THE JOB.

- 1 Optional Alignment Scope mounts to permanent Sighting Grooves over either grade axis.
- 2 Carrying handle.
- 3 Totally enclosed system protects against the environment.
- 4 Separate Axis Control Panels (main slope and cross slope.)
- 5 5/8" x 11 tripod tangent base with lock and fine adjust for fast and precise alignment.
- 6 Fine and stepped grade entry keys for fast and accurate grade setting. (slope control at .001 or 1.00 increments)
- 7 Negative grade entry. No more rotating and re-aligning unit for crowns.
- 8 Variable rotor speed control.
- 9 Easy to see, large, "laser red" backlit LCD displays.
- 10 Easy to understand control panel.
- 11 Easy to replace On-Board battery.



MODEL	BEAM RANGE	SLOPE CONTROL
EAGL 350	3000' 915m	DUAL SLOPE
EAGL 350S	3000' 915m	SINGLE SLOPE
EAGL 310XR	4000' 1,220m	DUAL SLOPE
EAGL 310	3000' 915m	DUAL SLOPE
EAGL 310S	3000' 915m	SINGLE SLOPE

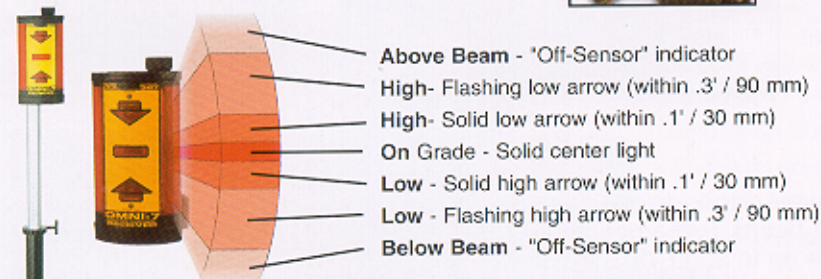
The EAGL 3 Series & The Laser Receivers...

The Most Economical & Versatile Machine Control System

OMNI-7, 5-Light / 7 Channel

The OMNI-7 is a combination receiver/display with the option of using alkaline battery, rechargeable NiCad or direct 12/24 volt DC operation. User selectable standard or bright display intensity and a heavy-duty clamp for mounting to any mast up to 1.75" (4.5 cm) in diameter. Add the remote display for convenient in-the-cab or multiple-angle viewing.

All controls are protected with the bottom mount position and rubber bumper housing. The control panel features display intensity switch, charging jack for optional NICAD batteries, and connector for optional remote display and 2/24v DC power cord.



Information is power. Power to do the job fast and right. Both the OMNI-7 and Model 360 machine control detectors feature seven-channels of grade information.

360° Detector

has 5-light, 7 channel integrated display (same as the OMNI-7 above) makes setup a one man job.

Remote Display

Perfect for in-cab viewing when used with the OMNI-7 or 360° Receiver

EAGL 3 SPECIFICATIONS

Operating Mode	Horizontal
Beam Type	Visible Laser Diode (670nm)
Power Source (standard)	12 volt Rechargeable Battery
	(available) 12 volt power cord and AC operation w/charger
Battery Life	Approx. 20 Hours
Self-Leveling Range	±5.7° (±10%)
Self-Leveling System	Electronic Dual-Axis
	Automatic Beam/Rotor shuts off when out of level
Beam Accuracy	±1/16" @ 100' (±10 arc seconds @ 100') at 0.000% grade.
Grade Readout	.001% increments up to 10% .01% increments 10% and above
Grade Range	Dual Slope EAGL 350: -5% to 50% Dual Slope EAGL 310: -5% to 10% Single Slope EAGL 350: -5% to 50% Single Slope EAGL 310: -5% to 10%
Beam Range	EAGL 350 & 310: 3000' (915m) diameter EAGL 310XR: 4000' (1220m) diameter
Control Panel	Tactile Feedback
Calibration	Electronic
Waterproof	Yes, IPX7
Operating Temperature	0°F (-18°C) to 120°F (49°C)
Dimensions	10.5"h (26.7cm) x 6.5"w (16.3cm) x 6.125"d (15.4cm)
Mounting Base	5/8" x 11
Classification	USA: Class IIIa IEC: Class 3A



SEE OUR
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LITERATURE FOR A
FULL RANGE OF
LASER RECEIVER
MACHINE CONTROL
SYSTEMS

YOUR LOCAL DEALER

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