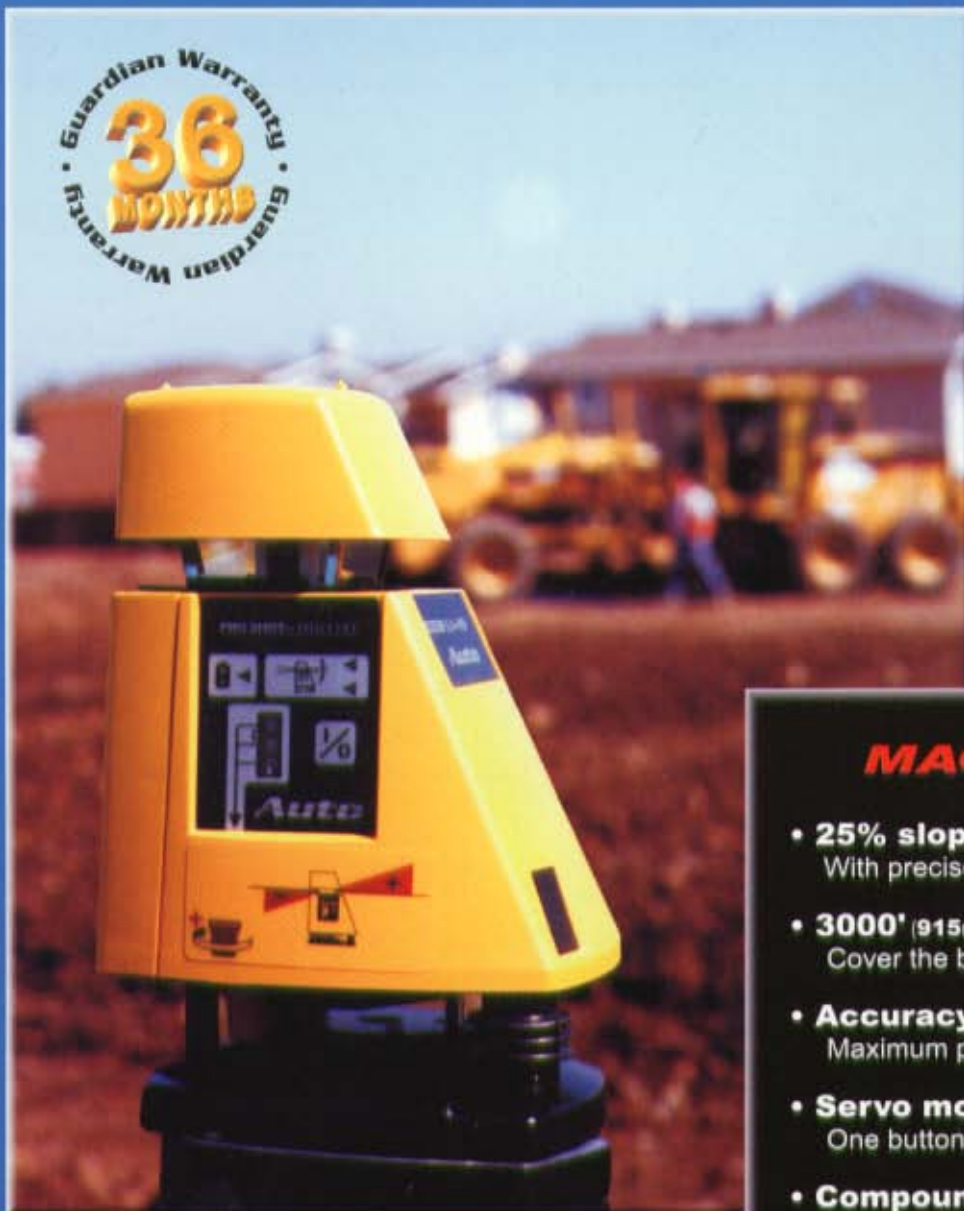


L1-AS

And **L1-AS MAGNUM**

High performance slope laser systems



- **Grading**
- **Sewer Lines**
- **Excavating**
- **Drainage**

MAGNUM

- **25% slope capability**
With precise .01% increments
- **3000' (915m) diameter**
Cover the big sites in one setup
- **Accuracy: 1/16" @100' (1.6mm @30m)**
Maximum performance
- **Servo motor self-leveling**
One button start-up
- **Compound slope capable**
Available low cost option

PRO SHOT™

The performance you need on big jobs.



- The **L1-AS MAGNUM** builds on the performance of the **L1-AS** with increased slope capability, more range and higher accuracy. It provides a combination of high performance and price that is unmatched in the industry. Precise slope to 25%, 3000ft (915m) working diameter and 10 arc second accuracy make it an excellent laser for grading, sewer lines (including horizontal curves and cast-in-place), excavating, or any job where maximum accuracy and performance are a must.

Along with great feature sets for the jobsite, the **L1-AS** and **MAGNUM** provide the best warranty in the industry.



- **Guardian** 36 month warranty cover. It also covers parts for the internal level and rotating mirror against damage from

100% temperature tested

Every **L1-AS** and **MAGNUM** laser is individually tested through a range of temperature to assure that it will perform under actual jobsite conditions. We don't just assume that if one works they will all work, like other manufacturers.

L1-AS & MAGNUM

Range with receiver - L1-AS	MAGNUM ..
Leveling accuracy - L1-AS	MAGNUM ..
Slope capability - L1-AS	MAGNUM ..
Laser type L1-AS / MAGNUM ..	
Self leveling type / range	
Rotation coverage / speed	
Power supply	
Battery life	
Environmental	
Operating temperature	
Re-chargeable batteries	
Compound slope capability	

R8 Receiver specifications

Reception Height	2 inches (50mm)
Reception Angle	90 degrees
Standard mode accuracy ..	±1/16 in. (±1.6mm) nominal
Coarse mode accuracy	±1/8 in. (±3.2mm) nominal
Ultra-fine mode accuracy ..	±1/32 in. (±1mm) nominal
Power Supply	2 AA batteries
Battery life (alkaline)	>70 hours continuous
Automatic Shut Off	After 30 min. (no laser strikes)
Environmental	Sealed against dust and water
Adjustable tone volume	High / Low / Off
Warranty	Defects coverage - 24 months



L1-AS MAGNUM

A price that makes sense for every job.



• The **L1-AS** offers machine control compatibility, precise slope to 9% and 2000ft (610m) working diameter. It is a great laser for grading, excavating and drainage applications. It has been the preferred choice of sewer contractors who shoot "over the top" for more than ten years. Why? With .01% slope precision you can set the laser exactly to match your cut-sheet, no calculating or guessing. Because it is a rotary laser, there is no need to break-down your setup, or stop your crew when showing an inspector that you are matching hubs or cut stakes. Because it always self-levels, your crew can be productive and confident.

The **L1-AS** delivers far more performance at a better price than any other automatic or semi-automatic slope laser. Don't settle for a laser that won't even self-level when it has slope dialed-in.

... any defects in materials or workmanship.
 ... ng mechanism, laser diode, internal optics
 ... any cause. (see warranty statement for complete details)

Specifications

- ... 1000' rad. / 2000' dia. (305m / 610m)
- ... 1500' rad. / 3000' dia. (458m / 915m)
- ... ±15 arc sec. (± 3/32" per 100ft)
 (± 2.4mm per 30m)
- ... ±10 arc sec. (± 1/16" per 100ft)
 (± 1.6mm per 30m)
- ... 0 to 9% single axis, .01% increments
- ... 0 to 25% single axis, .01% increments
- ... Class 2 / Class IIIa CDRH, Class 3R IEC
- ... Servo motor / ± 4 degrees
- ... 360 degrees / 600 RPM
- ... Four C-cell batteries
- ... 60 hours (alkaline)
- ... Dust and water resistant
- ... 0°F to +122°F (-18°C to +50°C)
- ... Optional kit available
- ... Low cost optional kit (S1)

Let the **L1-AS**
 or **MAGNUM**
 put you in control
 of all your jobsite
 alignment needs.



R7 Receiver specifications

- Reception Height 2 inches (50mm)
- Reception Angle 120 degrees
- Standard mode accuracy .. ±1/16 in. (±1.6mm) nominal
- Coarse mode accuracy ±1/8 in. (±3.2mm) nominal
- Ultra-fine mode accuracy .. ±1/64 in. (±1mm) nominal
- Power Supply 9 volt battery
- Battery life (alkaline) 60 hours continuous
- Automatic Shut Off After 12 min. (no laser strikes)
- Environmental Sealed against dust and water
- Adjustable tone volume High / Low / Off
- Warranty Guardian 36 months



L1-AS

Check grade from your cab.



When you want higher productivity, the **MC-1** delivers. No need to leave the cab for a grade check, the MC-1 turns the machine dipper into a grade stick. For underground crews, let the machine operator work independently while the rest of the crew concentrates on getting pipe in the ground, instead of grade checking. The magnetic mount makes installation quick and simple.



- Excavating
- Septic Work
- Basements
- Utilities
- Footers

MC-1 Receiver specifications

Operating Range	Up to 1500' (458m) with MAGNUM
Reception Height	8.0 inches (20.5cm)
Reception Angle	120 degrees
On-Grade accuracy	±1/2 in. (±13mm) nominal
Elevation Display	5 Channel LED array
Display Brightness	Selectable: Bright / Dim
Laser Compatibility	450 to 1200 rpm 635 to 870nm
Power Supply	4 C-cell batteries
Battery life (alkaline)	>200 hours continuous
Automatic Shut Off	After 135 min. (no laser strikes)
Environmental	Dust and water resistant



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www.proshotlaser.com

S1 Compound Slope Kit

The S1 kit enables the L1-AS or **MAGNUM** to project a compound (dual) slope. Using the included chart, simply look-up the main and cross slopes for the site. The chart shows the resulting compound slope to dial-in and the correct angle to aim the laser.

Give your L1-AS or **MAGNUM** the capabilities of dual slope lasers costing thousands more. The S1 also allows you to aim a slope perpendicular to a baseline sight when there is no far sight to aim the slope axis.



Contact Your Pro Shot™ Dealer Today: