

Pro Performance.

Unbeatable Value.



- The **AS² MAGNUM** builds on the unrivaled combination of high performance and low price that the **AS²** offers. Precise slope to 25% with .01% increments, a huge 3300ft (1000m) working diameter and exceptional 10 arc second accuracy make it an excellent laser for long range grading, sewer lines (including horizontal curves and cast-in-place), or any situation where maximum accuracy and ultimate performance are mandatory.



Along with great features for the jobsite, the **AS² MAGNUM** and **AS²** are protected by the best warranty in the industry.

- The **AS²** offers machine control compatibility, precise slope to 25% and a 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 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 **AS²** 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, or can't maintain its accuracy when it has slope dialed-in.

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

100% temperature tested

Every **AS²** and **AS² MAGNUM** laser is individually tested through a range of temperature to assure that it will perform under your jobsite conditions. We don't just assume that if one works they will all work, like other manufacturers.

• **Guardian 36 month warranty** covers any defects in materials or workmanship. It also covers parts for the internal leveling mechanism, laser diode, internal optics and rotating mirror against damage **from any cause**. (see warranty statement for complete details)

AS² and AS² MAGNUM Specifications

Range with receiver - AS ²	1000' rad. / 2000' dia. (305m / 610m)
MAGNUM	1650' rad. / 3300' dia. (500m / 1000m)
Leveling accuracy - AS ²	± 14 arc sec. (± 2.0mm per 30m) (± .080" per 100ft)
MAGNUM	± 10 arc sec. (± 1.5mm per 30m) (± .060" per 100ft)
Slope capability	0 to 25% single axis, .01% increments
Compound slope adapter	MAGNUM: Standard / AS²: Optional
Laser type - AS ² / MAGNUM	CDRH: Class 2 / Class IIIa , IEC: Class 3R (both)
Rotation coverage / speed - AS ² ...	360 degrees / 600rpm
MAGNUM	360 degrees / 600, 900, 1200rpm (selectable)
Self leveling type / range	Servo motor / ± 4 degrees
Power supply	Four C-cell batteries (alkaline std.)
Re-chargeable batteries	Optional NiMH kit available
Battery life (continuous) - AS ²	115 hours (alkaline) / 95 hours (NiMH)
MAGNUM	70 hours (alkaline) / 55 hours (NiMH)
Environmental	Dust and water resistant (IP55)
Operating temperature	14°F to +122°F (-10°C to +50°C) 14°F to +140°F (-10°C to +60°C)

Let the **AS²** or **AS² MAGNUM** put you in control of all your jobsite alignment needs.



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



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

