

QUAD 4000

ONE MAN LAYOUT AND CONTROL



**LINE, SQUARE, LEVEL & PLUMB
ALL IN ONE – ALL AT ONCE.**

U.S. Patent No. 7266897 & Patent Pending

Designed and built in Redmond, Oregon

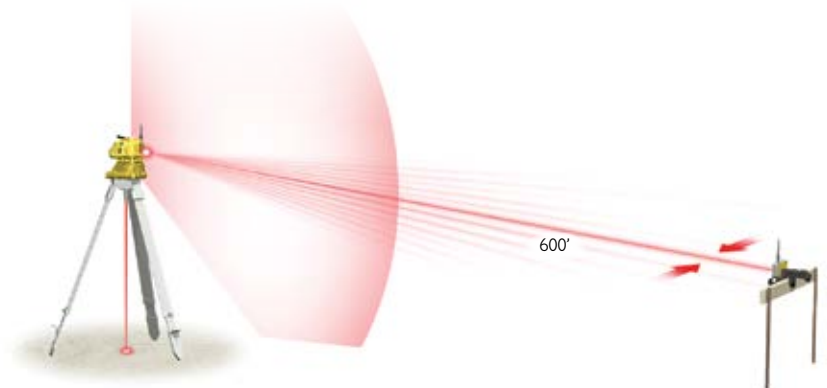
L LASERLINE MFG., INC.

ALL IN ONE, ALL AT ONCE.

Imagine being able to square your job, control elevation, snap your lines and plumb the structure with just one man at one time, with one laser, from one setup. On top of that, it's easy to use, it's durable and it's accurate!

1 LINE LOCKING AND LINE CONTROL

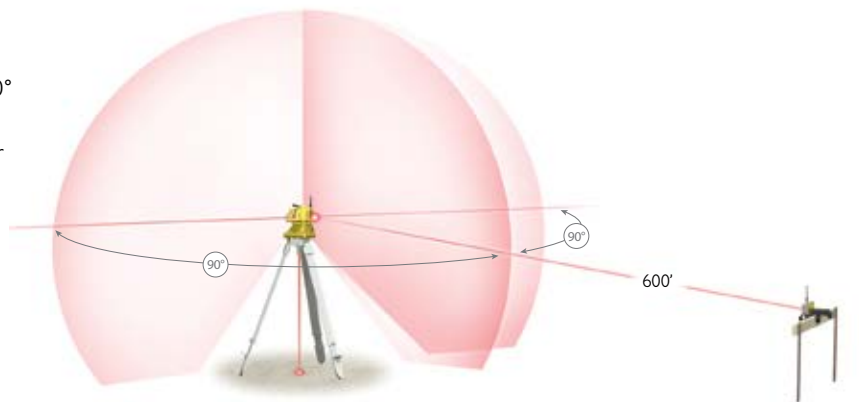
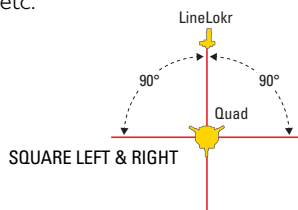
The Quad 4000 sets up on a tripod like a standard instrument. It has a downward pointing laser plummet through the center of the unit, allowing you to easily get over your point. No offsets! Once rough aimed within its line adjust limit, the system will create a vertical plane forward of the Quad 4000 that will automatically seek the LineLokr module at your second point, lock on, and then stay locked onto your far point. Line can be locked up to 600 feet!



EDGE FORMS · COLUMNS · ANCHOR BOLTS · SCREED · TEMPLATE PLACEMENT · FORMS

2 SQUARE

Once locked to your far point, the Quad 4000 then simultaneously transmits a rotating plane of light at 90° angle left and right from your baseline. This creates a 600 foot building square left and right of centerline for any squaring application such as building, structures, foundations, etc.



BUILDING LAYOUT · OFFSET SQUARING · ESTABLISHING GRIDS

3 PLUMB AND RACK CONTROL

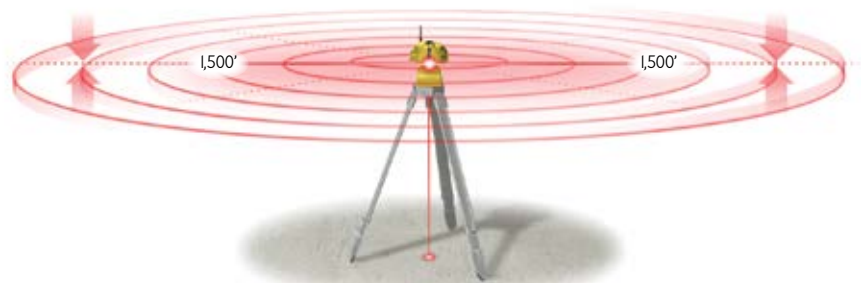
Since the Quad 4000 produces a vertical plane of light along your baseline in front of the laser, plus a vertical plane of light both left and right at 90°, it allows you to plumb two sides of a structure simultaneously from one setup. The Quad 4000 not only plumbs, but squares and controls rack along the the entire vertical surface of your structure. For shaft work, it provides plumb, square and rack control on all four sides of the interior wall structure at the same time.



STRUCTURAL STEEL · TILT-UPS · SHAFTS · PRECAST PANELS

4 LEVEL/ELEVATION CONTROL

While the Quad 4000 is producing line and square, it can also transmit a 360° level plane over the entire job site. This allows for multiple uses. A single person can establish line, as well as grade, in applications such as screed lines, foundation work and setting templates to name a few.



SUBGRADE · SCREED · FORMS · FINISH GRADE · FOUNDATIONS · CATCH BASINS

FAST. ACCURATE. EASY TO USE.

LASERLINE MFG., INC. QUAD 4000

LINELOKR™ TECHNOLOGY

LineLokr™ technology (LLT) automatically locks your laser online and keeps it there up to 600 feet away.

LLT provides a two-way communication between the Quad 4000 Laser and the LineLokr Line Control Module for vertical control applications such as plumb, squaring and line layout.

LLT allows you to setup your laser at one point and then merely push a button to obtain line. The Quad 4000 and LineLokr communicate via a special radio link causing the Quad 4000 to automatically drive itself to centerline and lock onto your far point. The Quad 4000 and LineLokr continuously communicate to maintain centerline and will not drift off due to wind and temperature changes throughout the day. Set it and forget it!



Tripod Mount

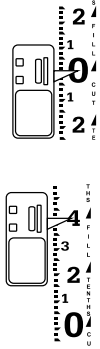


Batterboard Mount



Floor Mount

ACCESSORIES

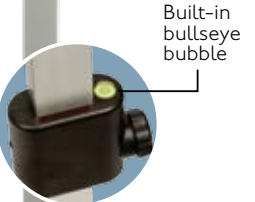


E-Z READ GRADE ROD
 (Part No: GRT, GRI & GRM)
 Reads to exact Height above or below grade. Extends to 10 feet with 5 feet of reading surface.
 NO adding - NO subtracting - NO errors Available in Inches, Tenths or Metric.



TRIVIT MOUNT
 (Part No: 4200-0000)
 Allows LineLokr or Quad 4000 to be set up on the floor or ground. Adjustable legs for leveling and getting laser plumb over your point.

BATTERY CHARGING STATION
 (Part No: 0003-0028)
 For Quad 4000 Laser. Includes 4 D-Cell NiMH batteries and charging platform with built in USB outlet, discharge function and automatic charging current selection.



LINE TRANSFER ROD
 (Part No: 4300-XXXX)
 Ideal for transferring line down into footing excavations. Features bulls-eye bubble to insure plumb and foot tip to establish location of line below grade.

QUAD 4000 SPECIFICATIONS

Self Leveling	Electronic servo temperature compensation $\pm 3^\circ$ leveling range
Horizontal Accuracy	± 10 arc seconds $\pm 1/16$ per 100 feet ($\pm 1.5\text{mm}/30\text{M}$)
Baseline Accuracy using LineLokr	$\pm 1/8$ at up to 600 feet (Depending on conditions)
Square Accuracy	± 10 arc seconds $\pm 1/16$ per 100 feet ($\pm 1.5\text{mm}/30\text{M}$)

Vertical (Plumb) Accuracy	± 15 arc seconds $\pm 3/32$ per 100 vertical feet ($\pm 2.25\text{mm}/30\text{M}$)
Laser Range with Detector	1,500 Feet/457M Radius (Dependent on conditions and laser detector)
LineLokr™ Range	600 feet/183M (Dependent on conditions)
Quad 4000 Rotation Speed	300 RPM
Laser Type/Class	635nm Red Diode/Class 2

Battery Life (Quad 4000)	40 hours Standard Alkaline (Depending on conditions)
Battery Life (LineLokr™)	70 hours Standard Alkaline
Quad 4000 Weight	10.5 lbs./4.76k
Quad 4000 Mount	5/8 x 11 Standard Tripod
Operating Temperature	0° to +120°F (-18° to +50°C)
Storage Temperature	-4° to +158°F (-20° to +70°C)



LASERLINE MFG., INC.

Highest Quality - Most Versatile

YOUR LOCAL DEALER

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