

PLS•PACIFIC LASER SYSTEMS
OUR WARRANTY & SERVICE

APPROVED



PLS laser tools are designed to be a career purchase with a lifetime of profit and productivity. Your PLS laser can be repaired in case of need anytime after your purchase with our 48-hour factory repair turnaround. The PLS warranty covers workmanship of our products for one year after date of purchase. Service and repairs can be performed at our factory or by any of our authorized service centers throughout North America. To locate an authorized service center near you, call PLS or visit our website.

WWW.PLSLASER.COM



PACIFIC LASER SYSTEMS

The Professional Standard

1 800 601 4500

2656 BRIDGEWAY, SAUSALITO, CA 94965-140

The PLS5, PLS3, PLS2 Palm Laser and PLS90E are registered trademarks of PLS•Pacific Laser Systems. ● The PLS5 utilizes our patented technology, U.S. Patent No. 5,144,487. ● The PLS2 U.S. Patent No. 6,763,595
 Brochure revised September 2006.



To help protect our environment, we encourage you to recycle at approved recycling location. Do not dispose of the battery in normal household waste.



**ASK YOUR DEALER TO DEMONSTRATE
 A PLS LASER TOOL**

PACIFIC LASER SYSTEMS

The Professional Standard



PLS3®



PLS5®



PLS90E



PLS2E®



**PLSHVR1000
 PLSHVR500**



PLS360E

PLS• PACIFIC LASER SYSTEMS OUR EDGE

PLS•PACIFIC LASER SYSTEMS MANUFACTURES THE HIGHEST QUALITY LAYOUT TOOLS FOR THE PROFESSIONAL CONTRACTOR.

We are dedicated to designing career laser tools for a lifetime of increased productivity and profit.

Fast, accurate and portable, PLS lasers save time and money when your bubble vial level or rotary laser is too limited or too cumbersome to do the job. When a rotary laser is required for long-midrange vertical and horizontal layout, then our PLS HVR 1000 and PLS HVR 500 will tackle most projects. All PLS laser alignment tools are fully self-leveling.

Compare the advantages of using a PLS laser to traditional methods you now employ. When comparing PLS laser tools look for these quality features: 1. Beam quality should be small and crisp at 75 feet. 2. Dampening should be quick and stable. The beams should not bounce around. 3. The tools should be easy to use and efficient. *PLS5, PLS3, PLS2E, PLS360E and PLS90E lasers are designed and calibrated in the USA. The PLS HVR rotary lasers are made for PLS in Germany and Asia.*

PLS• PACIFIC LASER SYSTEMS OUR HISTORY

What sets PLS•Pacific Laser Systems apart from the rest? Built by contractors for contractors, PLS tools were developed out of necessity by professionals with over 50 years of experience in commercial and residential interior and exterior layout. PLS founders were contractors first before becoming manufacturers of the finest laser alignment tools in the world.

PLS• PACIFIC LASER SYSTEMS OUR APPLICATIONS

FRAMERS

No more plumb bobs in the wind. Lay out and install track and studs for commercial or residential projects. Use PLS to project 90 degree angles in a fraction of the time. No more 3-4-5. Indoor - outdoor application means higher utility and value for your purchase.



ELECTRICIANS

Use the PLS reference plumb points to determine where each light is to be installed. How long would it take you to lay out 50 lights in a vaulted ceiling with two people and a plumb bob?

HOME BUILDERS

Setting up foundations on a slope is always a challenge. Place PLS on the corner of your layout and pull reference points forward and to the side of your PLS90E. Layout of interior walls, stairways, cabinetry, skylights, windows and more can be done quickly and accurately with a PLS laser.

HVAC / MECHANICAL

For commercial HVAC, PLS will speed vertical and level layout. Manipulate plumb, level, and square reference anywhere on the job site, regardless of obstacles or weather conditions.

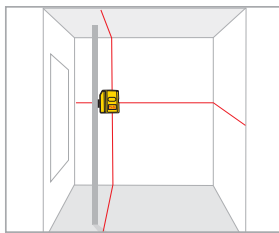
ACOUSTIC CEILINGS

The PLS360E or PLS HVR 1000 and 500 rotary laser makes layout and installation of acoustic ceilings fast and simple.

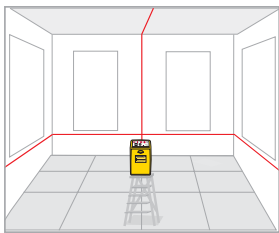
GENERAL CONSTRUCTION

The range, versatility and accuracy of our lasers are ideal tools for checking elevations, setting large pads, leveling forms, square on slope and footings.

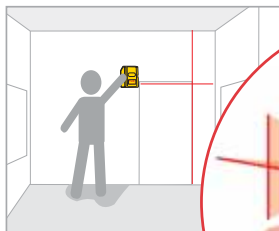




- PAINT
- WALLPAPER



- CARPENTRY
- DRYWALL



- WINDOWS
- DOORS



PLS2E TOOL

PLS2E SYSTEM

PALM LASER WITH DETECTOR INTERIOR-EXTERIOR HORIZONTAL-VERTICAL LAYOUT

Exterior layout in your pocket. The PLS2E, with our exclusive PLS LD detector, is a simple, easy solution for short and mid-range exterior horizontal and vertical layout tasks.



PLS2E SYSTEM

PLS2E TOOL

PALM LASER INTERIOR HORIZONTAL-VERTICAL LAYOUT

This plumb, level and square laser line tool is brighter than most rotary lasers at a fraction of the cost. Fast, accurate and portable, the PLS2E Palm Laser saves you time and money when your bubble vial level or rotary laser is too cumbersome or too limited for the job.

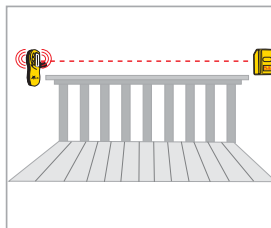
PLS2E SPECIFICATIONS

- | | |
|------------------------------------|---------------------------------------|
| • Accuracy: 1/8" @ 30' | • Range: 100' |
| • Weight: 1.7 lbs (.77 kg.) | • Self Leveling Range: 6° |
| • Power supply: 3 AA batteries | • Operating Time: +30 Hrs. Continuous |
| • Dimensions: 2" x 2 7/8" x 3 3/8" | |
| • Multiple Functions | Class II Laser Product |

THE PLS2E TOOL INCLUDES:

- PLS2E Laser Unit
- Compact Carrying Case
- PLS2E Pouch
- Wall Bracket
- Operating Manual

PLS2E SYSTEM includes the PLS LD Detector



- SIDING
- WINDOWS
- MASONRY



- DECKING
- FENCING
- LANDSCAPING

PLS2E SYSTEM INCLUDES

- PLS2E Unit
- PLS LD Detector
- Compact Carrying Case
- Wall Bracket
- PLS2E Pouch
- Operating Manual

PLS5 AND PLS3 PROVIDE POINT-TO-POINT ALIGNMENT INFORMATION

Lay out reference points faster than traditional, labor intensive methods. No more swinging plumb bobs. Plumb instantly from floor to ceiling or from 50 feet off the ground! Use PLS as your partner on the jobsite. Self-leveling; no time wasted with bubble vials. Turn it on and go to work. Take clear, stable reference points indoors and outdoors.

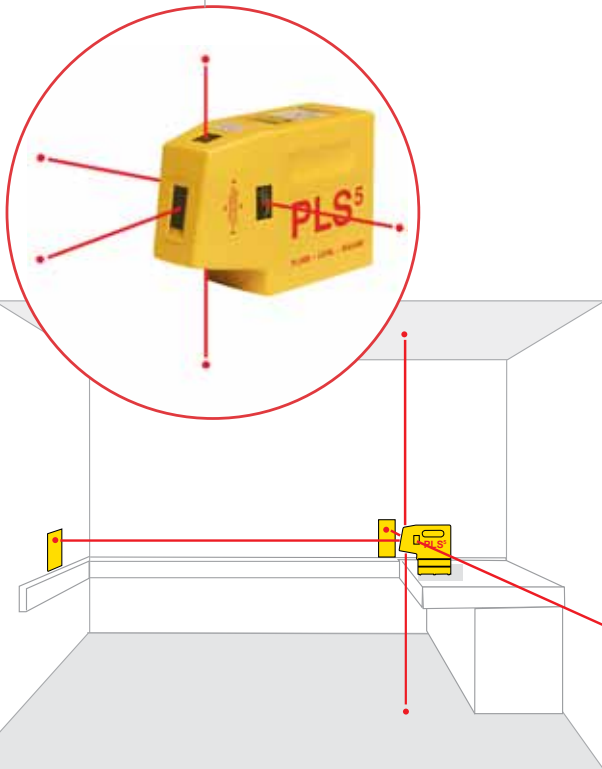
Compact, lightweight, durable and portable, PLS3 and PLS5 were designed by contractors, for contractors.



PLS5



PLS3



PLS5 AND PLS3 SPECIFICATIONS

MADE IN USA

	PLS5	PLS3
• Working range:	+/- 100'	+/-100'
• Accuracy:	< 1/8 " @ 100' (<3mm @ 30 meters)	< 1/4" @ 100' (<6mm @ 30 meters)
• Leveling range:	+/- 8"	+/- 6"
• Power supply:	3 AA batteries	3 AA batteries
• Operating time:	+ 30 hrs. continuous	+ 30 hrs. continuous
• Dimensions:	2 1/2" x 6 1/2" x 4 1/4"	1 1/2" x 4 1/4" x 3 1/8"
• Weight:	1.7 lbs (.77 kg.)	12 oz. (.33 kg.)

THE PLS5 TOOL INCLUDES:

- PLS5 Laser Unit
- Wall Bracket
- Pendulum Layout Target
- Floor Stand
- Compact Carrying Case
- Operating Manual

THE PLS3 LASER TOOL INCLUDES:

- PLS3 Laser Unit
- Operating Manual
- Wall Bracket
- Carrying Pouch
- Floor Stand

PLS5 and PLS3 are Class II Laser Products

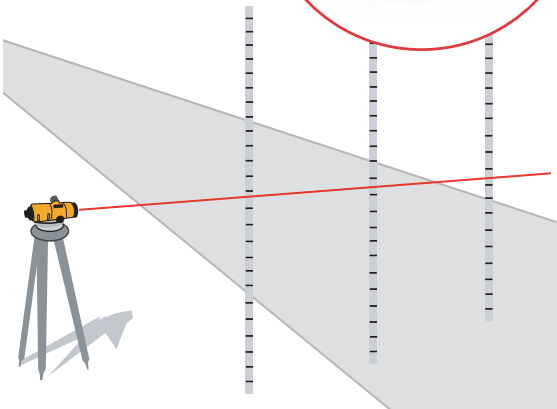
MADE IN USA

PLS24X AUTOMATIC OPTICAL LEVEL

Traditional optical level for general construction layout. Rugged cover for weather and dust resistant usage. High quality optics. Automatic compensator, light weight.

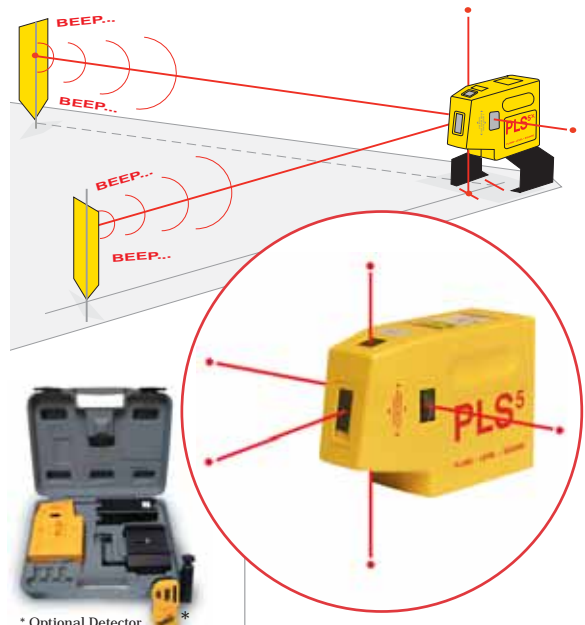


PLS24X



PLS24X SPECIFICATIONS

- Magnification power 24X
- Working Range 150'
- 1 Year Warranty
- Clear Objective Aperture
- Accuracy 1/16" at 100'



* Optional Detector *

PLS5X

**USE WITH YOUR
ROTARY LASER
RECEIVER**

PLS5X PROFESSIONAL INTERIOR EXTERIOR POINT-TO-POINT ALIGNMENT TOOL

The PLS5X is designed for layout of control points and lines for interior projects or in outdoor conditions with bright sunlight. Working range is 250+ feet with an accuracy of 1/8" at 100 feet. Lay out conduit, anchor bolts and square on slab. Use the PLS5X inside for traditional plumb, level and square references.

PLS5X offers more utility indoors and outdoors at a fraction of the cost of typical rotary lasers.

PLS5X SPECIFICATIONS

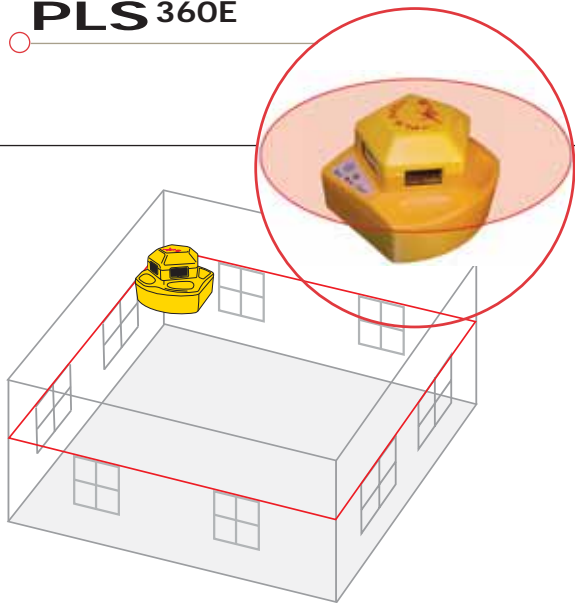
- Range: 250'
- Accuracy: 1/8" @ 100'
- Indoor - Outdoor Usage
- Class II Laser Product
- Battery Operated
- Multiple Functions

PLS360E TOOL

360 DEGREE INTERIOR-EXTERIOR LASER LEVEL

Fully self leveling, the PLS360E provides you with a 360 degree horizontal line of reference. The PLS360E offers one-button application that is accurate and rugged for indoor-outdoor applications. Unlike rotary lasers this compact, bright and durable tool has no complicated features or multiple knob adjustments. The PLS360E simplifies your work day with the press of a button. How long does it take you to set up your rotary laser?

PLS 360E



PLS360E SPECIFICATIONS

- Range: +/-200' *
 - Accuracy: 1/8" @100 Ft.
 - Operating Time: +35 Hrs
 - Dimensions: 3 1/8"x5"x4 1/2" Continuous
 - Leveling Range: +/-6°
 - Power Supply: 3 D Batteries
 - Weight: 2.0lbs.
- Class II Laser Product

THE PLS360E TOOL INCLUDES:

- PLS360E Laser Unit
- Compact Carrying Case
- Wall Bracket
- Operating Manual



- ACOUSTIC CEILINGS
- HVAC
- CABINETRY
- CHAIR RAILS
- FIXTURES



- DECKS *
- FOUNDATIONS *
- SWIMMING POOLS
- LANDSCAPING *



***The PLS360E System is designed for exterior use with exclusive PLS LD Detector.**

PLS90E TOOL

90 DEGREE INTERIOR EXTERIOR LAYOUT LASER

Fully self leveling, the PLS90E is a unique laser level dedicated to the most challenging layout task in the field. No more 3-4-5. Use your PLS90E



and our universal base-tripod adapter for fast, accurate and dependable square layout for flooring-tile, framing (metal stud or wood), concrete foundations pads and so much more.

Commercial, Residential and Remodel.

Bright sunlight or interior applications, the PLS90E will be on the floor or on your tripod to save you time and improve your bottom line.



PLS90E

PLS90E SPECIFICATIONS

- Accuracy: 1/8" @ 100'
- Weight: 1.7 lbs (.77 kg.)
- Power supply: 3 AA batteries
- Dimensions: 2" x 2 7/8" x 3 3/8"
- Multiple Functions
- Range: 250'
- Self Leveling Range: 6°
- Operating Time: +30 Hrs. Continuous
- Class II Laser Product

THE PLS90E TOOL INCLUDES:

- PLS90E Tool
- Compact Carrying Case
- Universal Base
- Floor Target
- Operating Manual

MADE IN USA

PLS90E SYSTEM

INTERIOR-EXTERIOR LAYOUT LASER

IDEAL FOR SQUARE LAYOUT IN OUTDOOR OR BRIGHT LIGHT APPLICATIONS

Concrete slab or foundations are set up quickly using the PLS90E System. Set the PLS90E on a tripod, batter board or straight edge using our PLS90E universal base.



- TILE
- METAL STUDS INTERIOR-EXTERIOR
- WOOD FRAMING ON SLAB
- ANCHOR BOLTS
- FOUNDATION ON SLOPE
- CONCRETE SLAB
- MASONRY
- BRICK
- DECKS AND PATIO
- CURTAIN WALLS
- FENCES

THE PLS90E SYSTEM INCLUDES:

- PLS90E
- PLS LD Detector
- Operating Manual
- Universal Base
- Carrying Case
- Floor Target

PLS HVR1000

HEAVY WORKLOAD, LONG RANGE ROTARY LASER

This proven rotary laser, made for PLS in Germany, is fully self leveling with an accuracy of 1/16 inch at 100 feet. 1000 feet radius with horizontal and vertical applications. Ideal for commercial acoustic or drywall and general construction applications, the PLS HVR 1000 can handle the toughest environments.



- BASIC SLOPE PROJECTS
- CONCRETE FORMS
- LARGE PADS
- ELEVATIONS



PLS HVR1000

PLS HVR500

MID RANGE ROTARY LASER

The PLS HVR500 is a compact, mid range rotary laser designed for light commercial, residential, and remodeling projects. Horizontal and vertical applications; the PLS HVR500 is versatile for short and mid range layout with an accuracy of 1/8 inch at 100 feet.



- ACOUSTIC CEILINGS
- LANDSCAPE
- DECK & POOLS
- METAL FRAME
- CARPENTRY
- CONCRETE PADS



PLS HVR500

PLS HVR 1000 SPECIFICATIONS

- Accuracy: 1/16" @ 100'
- Range: 1000'
- Power supply: Nicad
- Self Leveling Range: 5°
- Dimensions: 5 1/2" X 5 1/2" X 6 3/4"

Class IIIa Laser Product

THE PLS HVR SYSTEM INCLUDES:

- PLS HVR 1000
- PLS HVD 1000 Detector
- Two Year Warranty
- RC 1000 Remote
- Operating Manual
- Ceiling Bracket
- Carrying Case

PLS HVR 500 SPECIFICATIONS

- Accuracy: 1/8" @ 100'
- Range: 500'
- Power supply: Nicad
- Self Leveling Range: 5°
- Dimensions: 5" X 4 3/4" X 6"

Class II Laser Product

THE PLS HVR SYSTEM INCLUDES:

- PLS HVR 500
- PLS HVD 500 Detector
- One Year Warranty
- PLS RC 500
- Operating Manual
- Ceiling Bracket
- Carrying Case

PLS ACCESSORIES DESIGNED TO INCREASE UTILITY OF YOUR PLS LASER ALIGNMENT TOOLS

PLS TRIPODS

1/4-20

Lightweight, rugged and affordable. Use this PLS tripod with any PLS point-to-point or line laser.



5/8-11

This PLS tripod is primarily used with the PLS90E, PLS24X or PLS HVR rotary lasers.



PLS LASER DETECTORS

PLS 5XD Laser Detector

Marry this detector with our PLS pendulum layout target to capture PLS5X reference points outside in bright sunlight. Best used close to or on concrete slab.



PLS LD Laser Detector

Use this exclusive PLS Detector to capture the lines of the PLS2E, PLS360E and PLS90E.

This detector cannot be used with rotary lasers or the PLS5X .



PLS ACCESSORIES

DESIGNED TO INCREASE UTILITY OF YOUR PLS LASER ALIGNMENT TOOLS

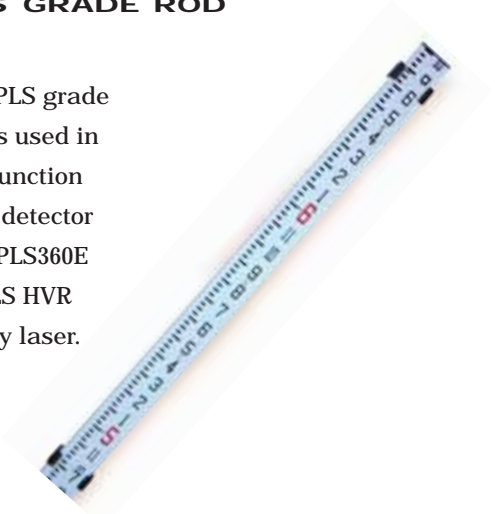
PLS MAGNETIC WALL BRACKET

This standard magnetic wall bracket is included with PLS5, PLS3 and PLS2E.



PLS GRADE ROD

The PLS grade rod is used in conjunction with detector and PLS360E or PLS HVR rotary laser.



PLS90E UNIVERSAL BASE TRIPOD ADAPTER

Use this PLS90E universal base tripod adapter with your PLS90E to set up on the floor, on a tripod or on batter board.



PLS TRIPOD ADAPTER

Convert your traditional rotary laser tripod to use your PLS2E, PLS3, PLS5, or PLS360E.



Your PLS laser will include accessories that help you get the most value from your purchase.

Replacement or additional accessories are available through your authorized PLS dealer.