

AL-SERIES

Electronic Rotary Lasers

Accurate & Reliable

for the professional—
Up to 1/16-in accuracy

Durable, Robust Design

for the toughest jobsite—
water and dust proof (IP67)

“Hi-Powered” Laser

Up to 2,800' range and
greater visibility



CONSTRUCTION SITE
TOUGH

CST/berger

No One Measures Up... Worldwide



ALH Electronic Horizontal Rotary Laser

Cat.# *Package Content*

57-ALH **ALH Detector Package**, Includes: LD440 Detector w/Clamp, 4-"D" Cell Batteries, 2-"AA" Batteries, Carrying Case, User's Manual

57-ALHPKG **ALH Complete Package**, Includes: LD440 Detector w/Clamp, Alum. Tripod, 8-ft Rod, 4-"D" Cell Batteries, 2-"AA" Batteries, Carrying Case, User's Manual



ALHV Electronic Horizontal/Vertical Rotary Laser

Cat.# *Package Content*

57-ALHV **ALHV Interior Package**, Includes: Remote, Laser Glasses, (2) Magnetic Targets, V-Mount, 2-"AA" Batteries, 4-"D" Cell Batteries, Carrying Case, User's Manual

57-ALHVD **ALHV Detector Package**, Includes: Remote, LD440 Detector w/Clamp, Laser Glasses, (2) Magnetic Targets, V-Mount, 4-"D" Cell Batteries, 4-"AA" Batteries, Carrying Case, User's Manual

57-ALHVPKG **ALHV Complete Package**, Includes: Remote, LD440 Detector w/Clamp, Laser Glasses, (2) Magnetic Targets, V-Mount, Alum. Tripod, 8-ft Rod, 4-"D" Cell Batteries, 4-"AA" Batteries, Carrying Case, User's Manual



ALHV-G Green Beam Electronic Horizontal/Vertical Rotary Laser

Cat.# *Package Content*

57-ALHVG **ALHV-G Interior Package**, Includes: Remote, Laser Glasses, Magnetic Target, V-Mount, 2-"AA" Batteries, Ni-MH Rechargeable Battery Pack w/Charger, Carrying Case, User's Manual

57-ALHVGD **ALHV-G Interior-Detector Package**, Includes: Remote, LD440G Detector w/Clamp, Laser Glasses, Magnetic Target, V-Mount, Ni-MH Rechargeable Battery Pack w/Charger, 4-"AA" Batteries, Carrying Case, User's Manual



ALGR Electronic LCD Dial-In Horizontal/Vertical Rotary Laser

Cat.# *Package Content*

57-ALGRD **ALGR Detector Package**, Includes: Remote, LD440 Detector w/Clamp, 4-"D" Cell Batteries, 4-"AA" Batteries, Carrying Case, User's Manual

57-ALGRPKG **ALGR Complete Package**, Includes: Remote, LD440 Detector w/Clamp, Laser Glasses, (2) Magnetic Targets, V-Mount, Alum. Tripod, 8-ft Rod, 4-"D" Cell Batteries, 4-"AA" Batteries, Carrying Case, User's Manual



LD440 Electronic Rotary Laser Detectors

Cat.# *Package Content*

57-LD440 LD440 Electronic Laser Detector

57-LD440G LD440G Electronic **Green Beam** Laser Detector

Specifications subject to change without notice.

Available at your local CST/berger dealer.

CST/berger

255 W. Fleming • P.O. Box 359

Watseka, IL 60970 USA

Phone: 815-432-5237 • Toll: 800-435-1859 • Fax: 800-913-0049

www.cstsurvey.com • sales@cstsurvey.com

Accurate. Reliable. Performance.

For the professional who demands fast and accurate leveling.

The Job Demands Precision. You Demand Performance.

The AL-Series Delivers. CST/berger continues to offer both innovation and productivity tools for leveling, layout, and measuring in the construction industry.

Durable, Robust Design

for the toughest jobsite— water and dust proof (IP67)



Features

	ALH	ALHV	ALHV-G	ALGR
Low Battery Indicator	✓	✓	✓	✓
Anti-Drift System	✓	✓	✓	✓
Single-Slope/Grade	✓	✓	✓	✓
Dual-Slope/Grade		✓	✓	✓
Cross-Axis Leveling	✓	✓	✓	
Dual Red Beam	✓	✓		✓
Dual Green Beam			✓	
Scanning Feature Preset Angles		✓	✓	✓
Clockwise and Counter-Clockwise Head Positioning		✓	✓	✓
Variable Speed Rotation		✓	✓	✓
Laydown Auto Beam Positioning		✓	✓	✓
LCD Display				✓

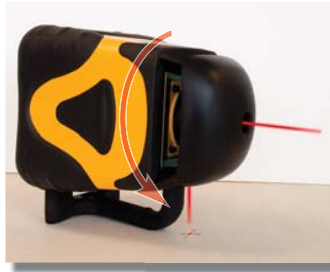
CST/berger
AL-Series

AL-Series Electronic Rotary Laser

Accurate. Reliable. Performance.



Vertical Self-Leveling with Laydown Positioning
 MODELS ALGR, ALHV, ALHV-G
 Vertical self-leveling allows interior rotary lasers to be positioned in laydown for vertical applications.



Down Beam Position Mode
 MODELS ALGR, ALHV, ALHV-G
 Position beam automatically (90° vertical) over a reference point.

CST/berger AL-Series Electronic Rotary Lasers

CONSTRUCTION SITE
TOUGH



ALH ▲
 EXTERIOR

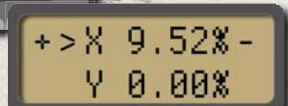
Single-slope capable with electronic cross-axis leveling makes the ALH ideal for exterior applications such as grading and excavating, concrete forms, machine control, site prep, marking elevation, landscaping, driveway paving.



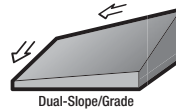
Grade Control Through The Multi-Function LCD



Set dual axis grade ($\pm 10\%$), Sweep "Chalkline", Point-to-Point, and Spot modes allow you to adapt the ALGR Control Grade Through The Multi-Function LCD



The Brand Found on More Jobsites... Period.



ALHV ▶

INTERIOR - EXTERIOR

Dual-slope capable in both horizontal and vertical position with cross-axis leveling make the ALHV suitable for indoor and outdoor jobs.



CROSS-AXIS LEVELING

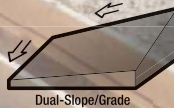
Self-leveling cross-axis allows grade matching for basic slope work, while maintaining accuracy in the cross-slope (MODELS ALH, ALHV, ALHV-G).



ALGR ▶

INTERIOR - EXTERIOR

The power and precision of the ALGR is designed for the professional who needs optimum versatility. Dual dial-in grade, horizontal and vertical self-leveling, with all features easily accessed via the on-board LCD screen.



ALHV-G ▶

INTERIOR - EXTERIOR

Dual-slope capable in both horizontal and vertical position with cross-axis leveling make the ALHV-G suitable for indoor and outdoor jobs.



Green Beam

	ALH	ALHV	ALGR	ALHV-G
Laser Diode:	650nm, 5mW	635nm, 10mW		535nm
Beam Type:	Red Visible Laser			Green Visible Laser
Horizontal Accuracy: at 100-ft. (30m)	±1/16-in. (1.6mm)			
Vertical Accuracy: at 100-ft. (30m)	N/A	±1/8-in. (3mm)		
Range: with laser detector	Up to 2800 ft (850m) diameter			Up to 660 ft (200m) diameter
Leveling Type:	Electronic Self-Leveling (up to ±5°)			
Slope/Grade Capability:	Single-Slope (cross-axis)	Dual-Slope (cross axis)	Dual Dial-in Grade	Dual-Slope (cross axis)
Warranty:	Three-Year			
Environment:	Built for all-weather general construction needs (IP67). Operating Temperature 0°F to 120° (-18°C to 49°C)			
Power:	Four (4) "D" cell alkaline batteries provide 45± hours intermittent use, or optional rechargeable battery pack provides 30± hours use. *ALHV-G includes rechargeable Ni-MH battery pack with charger standard—provides 13± continuous hours operation. (Depending on temperature and usage.)			

IDEAL FOR:

Grading and Excavating
Masonry Work
Concrete Forms
Porch and Deck Construction
Driveway Paving
Exterior Siding
Marking Elevation
Landscaping
Pool Installation
Fencing
Machine Control

Building Room Addition
Remodeling
Acoustical Ceilings
Drop Ceiling
Plumbing Installation
Electrical Installation
Cabinet Installation
Squaring Walls & Partitions
Installing Doors & Windows
Finish Carpentry

LD440

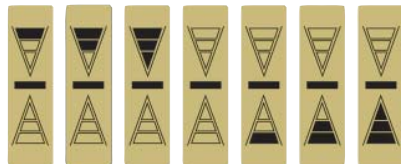
ELECTRONIC ROTARY LASER DETECTOR

Locate your laser beam easily in bright light or over long distances. The LD440 can be held by hand, rod-mounted, or magnetically mounted to a drop ceiling grid. Features LCD display, three levels of resolution, and easy-to-see LED's with bright blue ON-GRADE light.




Dual-sided LCD display with seven channels of information indicating the position of the detector in the plane of laser light

Co-molded rubber housing sealed with gasket for waterproof protection (IP67)



The LD440 features seven channels of information indicating the position of the detector in the plane of laser light.





LD440G

ELECTRONIC GREEN BEAM ROTARY LASER DETECTOR

LD440G has all the great features of the LD440.



LASER RADIATION - DO NOT STARE INTO THE BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS
CLASS 2M LASER PRODUCT
Max Output: 5 mW @ 635 nm
According to IEC/EN 60825-1:2001

Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50 dated July 26, 2001

