

# CST

## AL-500 Series

ELECTRONIC ROTARY LASERS

### Professional Performance at an Affordable Price

- Up to 1/8-in (3.2mm) accuracy
- Working range up to 1000-ft (305m)

### Designed with Durability

- Heavy-duty metal enclosed cage protects laser beacon
- Co-molded water-resistant rubber housing (IP54)

### Proven Simplicity

- Easy and fast set-up
- One-button operation— turn it on and go to work



THE BRAND FOUND ON MORE JOBSITES... PERIOD.

### ELECTRONIC SELF-LEVELING ROTARY LASERS

#### AL-500HV

Horizontal/Vertical Electronic  
Self-Leveling Dual-Beam  
Single-Slope Rotary Laser

Heavy-duty metal  
cage with handle  
protects laser beacon



Remote sensor  
provides 360°  
remote capability

Durable co-  
molded housing  
for water and dust  
resistance

#### Product Specifications

Model	AL-500H	AL-500HV
Horizontal Accuracy @ 100 ft	1/8 in (3.2mm)	1/8 in (3.2mm)
Rotation Rate (Preset Speeds)	600 RPM	Variable (3)
Range Indoors	-	200-ft (60m)
Range Exterior with Detector	1000-ft (305m)	1000-ft (305m)
Leveling Type (Degrees)	Electronic ( $\pm 5^\circ$ )	Electronic ( $\pm 5^\circ$ )
Beam Rating	650nm	635nm
Scanning w/ Spot Mode	-	Yes
Vertical Accuracy @ 100 ft	-	1/8 in (3.2mm)
Slope/Grade ( $\pm 10\%$ )	-	Single
Battery Type	6 "AA" Cell	6 "AA" Cell
Water/Dust Protection	IP54	IP54
Warranty	1 Year	1 Year

Vertical  
Self-Leveling  
with Laydown  
Positioning  
allows the AL-500HV  
to be positioned in  
laydown for vertical  
applications.

Sweep Mode makes  
the AL-500HV ideal for  
drop ceiling installs



#### AL-500H

Horizontal Electronic Self-  
Leveling Single-Button  
Rotary Laser

#### IDEAL FOR:

Elevation Transfer (AL-500HV)  
Masonry Work  
Concrete Forms and Pads  
Porch and Deck Construction  
Driveway Paving  
Exterior Siding  
Marking Elevation  
Landscaping  
Pool Installation  
Fencing

EXTERIOR • AL-500 Series

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

INTERIOR • AL-500H

#### Packages Available

EXTERIOR

#### AL-500H Rotary Laser Packages

Cat.#	Product Description
57-AL500H	<b>Detector Package</b> , Includes: LD-90 Detector w/Clamp, Batteries, Case, User's Manual
57-AL500HPKG	<b>Complete Package</b> , Includes: LD-90 Detector w/Clamp, Batteries, Contractors' Aluminum Tripod, 8-ft Leveling Rod, Case, User's Manual



INTERIOR

#### AL-500HV Rotary Laser Packages

Cat.#	Product Description
57-AL500HVI	<b>Interior Package</b> , Includes: Remote, Glasses, Wall-Mount, Magnetic Target, Batteries, Case, User's Manual
57-AL500HVDI	<b>Interior-Detector Package</b> , Includes: Remote, LD-90 Detector w/Clamp, Glasses, Wall-Mount, Magnetic Target, Batteries, Case
57-AL500HVPKG	<b>Complete Package</b> , Includes: Remote, LD-90 Det. w/Clamp, Glasses, Wall-Mount, Magnetic Target, Batteries, Contractors' Aluminum Tripod, 8-ft Leveling Rod, Case



Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50 dated June 24, 2007

[www.cstberger.com](http://www.cstberger.com)

Proven. Innovative. One Solution.

Specifications subject to change without notice.

©2008 CST/berger. All rights reserved.  
00-57AL500 (0508)