



Interior and Exterior Models

Accurate and Tough

2 Year Warranty



THUNDER®
Economical Laser Detectors



Apache builds the toughest and most accurate laser detectors in the world.

Improve your laser's productivity with additional detectors.

- The THUNDER is designed to satisfy the performance expectations of the construction professional, but is priced for a handyman's budget.
- Exterior model for general purpose outdoor elevation control. Interior model for indoor elevation and alignment applications.

Exterior - Model 54

- Works with your rotating laser for all outdoor elevation control.
- LCD visually indicates High, Low, or On-Grade. Loud beeper has three distinct audible tones for High, Low, or On-Grade.
- 1/8 inch accuracy is consistent up to 500 feet operating radius.
- Adjustable clamp included for mounting to grade rods.



Interior - Model 56

- "Electronic target" increases productivity and extends your visible laser's usable range up to 250 feet.
- 1/16 inch accuracy assures accurate leveling and marking.
- Bright Light Emitting Diodes (LED's) show red for High and Low and green for On-Grade.
- Built in magnet on top for attaching to ceiling grids. Safety lanyard included for drop protection.



Tough and Feature Packed

- High Performance - Consistent accuracy over long ranges, long battery life, automatic shut-off.
- Built for Abuse - 100% waterproof, dustproof to IP 67. Shock resistant.
- Loud - 100 decibels - can be heard on the noisiest jobsites.
- Easy to Use - One button operation. Fits in your hand, on your tool belt, or in your pocket.

Specifications:

Detection Accuracy:	±0.080" (±2.0 mm)	Detection Accuracy:	±0.030" (±0.75 mm)
Display:	LCD (arrow/bar/arrow)	LED's (red/green/red)	
Environment:	Waterproof, Dustproof (IP67)	Waterproof, Dustproof (IP67)	
Detection Range:	Up To 500 ft. (150 m)	Up To 250 ft. (90 m)	
Mounting:	Conventional Clamp	Top Magnet Mount, Lanyard	
Beeper Volumes, dBA:	High: 100+, Low: 65	High: 100+, Low: 65	
Display Channel:	3	3	
Beam Capture Height:	1.5 in. (38 mm)	1.5 in. (38 mm)	
Reception Angle:	± 45°	± 45°	
Marking Notch:	1.0 in. (25 mm)	1.0 in. (25 mm)	
Low Battery Indicator:	Yes (LCD Symbol)	Yes (Yellow LED)	
Battery Life (2 x AA):	100+ hours continuous	70+ hours continuous	
Automatic Shut-Off:	30 minutes	30 minutes	
Operating Temperature:	-4°F to +140°F (-20°C to +60°C)		

*Features and specifications subject to improvement without notice.

Apache Technologies, Inc. is the world's largest manufacturer of laser detectors for construction and agriculture. This position of leadership was earned by developing leading edge, proprietary and patented laser detection technologies. These technologies are employed in all of Apache's hand held detectors and machine control receivers.



Apache manufactures a complete line of machine control receivers and hand held laser detectors



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