

LASER DETECTORS

THE MOST ACCURATE, RELIABLE, DURABLE
DETECTORS YOU CAN OWN

CYCLONE®

Superior performance and versatility
The world's toughest detector
3-Year "No Excuses" warranty



Clamps secure to all rods and staffs

LIGHTNING®

Contractors' #1 choice
10 years proven performance
2-Year "No Excuses" warranty



All Apache detectors
are totally waterproof



THUNDER®

Interior and
Exterior Models
Includes rod clamp
or magnets



SPECIFICATIONS

	CYCLONE 64	LIGHTNING 44	THUNDER 54	THUNDER 56
Reception Range:	2000'	2000'	500'	250'
Accuracy:				
Super Fine	± 1/64"	± 0"		
Fine	± 1/32"	± 1/32"		± 1/32"
Medium	± 1/16"	± 1/16"	± 1/16"	
Coarse	± 1/8"	± 1/8"		
Industrial Apps.:	3 settings			
Display Channels:	9	5	3	3
Remote Display:	No	Optional	No	No
Warranty:	3 Years	2 Years	2 Years	2 Years
Environmental:	All Waterproof, Dustproof to IP 67			
Colors:	3	4	6	6

*Specifications subject to change 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
handheld detectors and machine control receivers.

LASERS



HORIZON

Field proven reliability
Rugged and accurate
Long range



VERTEX

Versatile slope laser
Set grade up to 25%
Electronic self-leveling



ARROW2 Pipe Laser

Accurate, rugged, reliable
High powered red beam
Totally waterproof

Apache

Technologies



Hand Held and Rod Mounted
Laser Detectors



Display and Automatic
Machine Control Laser Receivers

The Laser Detection Experts

MACHINE CONTROL LASER RECEIVERS

ALL BULLSEYE RECEIVERS FEATURE: 360 DEGREE RECEPTION • SELECTABLE ACCURACY • SUPER BRIGHT LED'S WITH GREEN ON-GRADE WATERPROOF HEAVY DUTY CONSTRUCTION • 2 YEAR WARRANTY • LONG BATTERY LIFE • POWER CABLE OPTION

BULLSEYE 3+

Display receiver ideally suited for grading, trenching and cut/fill operations. 3 selectable accuracies.



BULLSEYE 5+

Versatility built in for all grading and excavating jobs. Blade tilt indication built in. Plumb indication built in. Automatic or display.



BULLSEYE 6

ACE – Angle Compensation for Excavation allows checking grade with the dipper arm extended or retracted. Plumb indication built in. Ideally suited for excavators and backhoes with extended reception height and above grade display.



TORNADO F1 Blade Control

Automatic Laser Control

Fully proportional systems increase productivity and accuracy. Used with BULLSEYE's 5+, 5MC, and 6. CB26 control box has 16 selectable accuracies for various site requirements.



ACCESSORIES

RD15 Remote Display puts grade information in the cab. Offset grade references can be set in the cab.



STM1 shock mounted, telescoping mast has 4 foot extension range with scale.



MM2 magnetic mount for quick installation on backhoes and excavators.



SPECIFICATIONS

	BULLSEYE 3+	BULLSEYE 5+	BULLSEYE 6
		(Grading / Excavating)	
Accuracy:			
Set-Up			3/16" / 1/4"
Fine	3/16"	3/16" / 1/2"	3/8" / 1/2"
Standard	1/2"	3/8" / 1.0"	3/4" / 1.0"
Wide	1-1/4"	3/4" / 2.0"	1-1/2" / 2.0"
Blade Tilt Setting:		± 0.5°, 1.5°, 2.5°	
Plumb Swing Setting:			± 2.5°
ACE Mode Swing Range:		± 0.5°, 1.5°, 2.5°	
Battery Life - Dim / Bright:			± 10° to 30°
Alkaline	75 / 50 hrs	60 / 45 hrs	60 / 45 hrs
Ni-MH	50 / 40 hrs	45 / 30 hrs	45 / 30 hrs
Colors:	Red or Yellow		

CONTROL BOX CB26

Accuracy Settings: 16 total, 0 to 1.50 inches in 0.10 inch increments
 Valve Compatibility: Proportional Time, Proportional Current, Proportional Voltage
 Remote Switches: Optional Auto/Manual or Auto/Manual and Raise/Lower
 Operating Voltage: 10 to 30 Volts DC, reverse polarity protected
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