



Grading and Excavating

Increase Productivity and Accuracy

Full Featured 360° Reception



BULLSEYE® 3+
Laser Receiver - Versatility Built In

BULLSEYE³⁺ Machine Control Laser Receiver

Put a BULLSEYE laser grade checker on your machine and

- Simplify your grading and excavating operations
- Improve machine productivity and efficiency
- Save material with improved accuracy
- Reduce labor and wasted down time

Versatility Built In:

- 360 degree reception - picks up the laser from all directions.
- Super-bright LED's with green on-grade - easy to see in any light.
- Works with all rotating lasers.
- Selectable accuracy meets job tolerances from rough grading to final finishing.
- For use on many types of grading and excavation equipment including dozers, backhoes, excavators and trenchers.



Automatic Control Compatible:

- Combine with the CB24+ to create an affordable automatic machine control system.
- Ideally suited for use with on/off valves in slower moving, lower accuracy applications such as trenchers, tile plows, and drag boxes.
- Proportional photocells near on-grade position provide smooth automatic response.
- Installation kits and mounting options are available.

Tough:

- Durable polycarbonate and aluminum die cast housing - stands up to your toughest construction environments.
- Waterproof construction - designed to withstand all weather conditions.
- Rugged - internal isolating shock mounts protect the electronics.
- 2 year warranty - reliability you can count on backed up by superior service.

Specifications:

Beam Reception:	360 degrees
Operating Range:	over 1500 ft. (460 m) radius (Dependent on laser) 6.75" (171 mm)
Vertical Reception:	6.75" (171 mm)
Accuracy:	Fine: 3/16" (5 mm) Standard: 1/2" (12 mm) Wide: 1-1/4" (34 mm)
Display Output:	Bright or Dim
Power Options:	Alkaline - 4 x "C" Cell Nickel Metal Hydride "C" Cell Power Cable - 10-30 VDC
Battery Life - Alkaline:	75 Hours Dim, 50 Hours Bright
(Continuous) Ni-MH:	50 Hours Dim, 40 Hours Bright
Battery Recharge Time:	3 - 4 hours
Automatic Shut Off:	75 minutes with no laser beam
Out of Beam Indication:	On or Off
Shipping Dimensions:	19" x 16" x 7" (LxWxD)
(in carrying case)	(482 x 406 x 178 mm)
Shipping Weight:	12 lbs. (5.5 kg.)
Mounting Pipe:	1.66" to 2.00" O.D. round tube (42 mm to 50 mm) and 1 1/2" (38 mm) square tube
Environment:	Waterproof, Dustproof to IP 67
Operating Temperature:	-4° F to 140° F (-20° to 60° C)

*Features and specifications subject to improvement without notice.

Options



Magnetic Mount MM2 has adjustable magnet packs for quick installation and set-up of receiver on an excavator or backhoe.



Remote Display RD15
Operator views grade information in the cab. Offset elevations can be set from the RD15.

Control Box CB24+ automatically controls the cutting edge of grading machinery.



Apache manufactures a complete line of machine control receivers and hand held or rod mounted laser detectors.



Apache

Technologies

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