

# LB-10 LASER BEACON MODEL 4970

The Model 4970  
Laser Beacon with Grade  
will provide years  
of reliable and accurate  
leveling performance

Operating Range  
of 2000' (600m)  
for level or  
single grade  
applications

Waterproof  
Sealed with silicone  
and pressurized  
with nitrogen



Precision  
Versatility  
Simplicity  
Durability



**LASER  
ALIGNMENT** Inc.

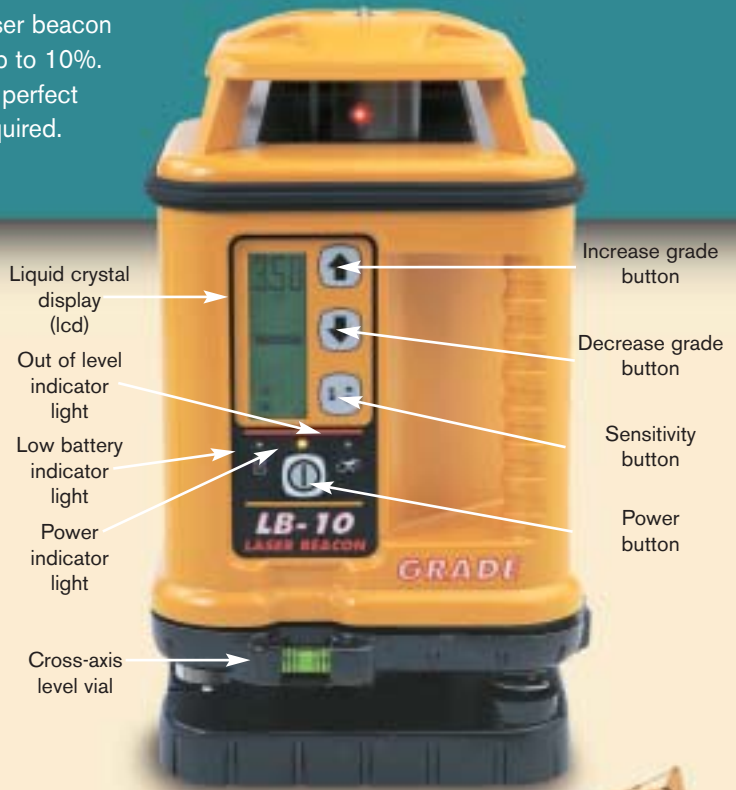
The Model 4970 is a self-leveling laser beacon with manual grade up to 10%.  
 It's 12 arc second accuracy is perfect for level applications where tight tolerances are required.

### FEATURES

- Proven stainless steel ball bearing leveling system
- Automatic shut-off if knocked out of level
- Waterproof, sealed with silicon and purged with nitrogen.
- Alkaline or rechargeable nicad battery operation.
- Free standing or mounts to 5/8" x 11 tripod.
- Machine control compatible with selectable head speeds.
- Manual grade capability up to 10% with automatic shut-off if disturbed from grade.

### SPECIFICATIONS

Operating Range..... 2000' (600m) Diameter  
 Self-leveling Range (level only) ..... 20 arc minutes  
 Level Accuracy..... 12 Arc Seconds 1/16" @ 100' (1.5mm @ 30m)  
 Grade Accuracy with automatic shut-off..... 0.04%  
 Grade Range..... +0.10% to +10.0%  
 Laser Diode ..... Infrared diode, 780nm  
 Laser Class..... Class II  
 Weight with Battery..... 8.25 lbs (3.75Kg)  
 Dimensions..... 6.6" x 6.6" x 10.5" (168 x 168 x 266 mm)  
 Operating Temperature ..... 0 to 122 F° (-18 to 50C°)  
 Rotating Head Speed..... 5 and 10 rps  
 Waterproof..... Silicon seal, Purged with Dry Nitrogen to the IP-X7 standard (except battery)  
 Battery Life..... 70 hours (alkaline)



Used with the Depthmaster 200 or our 360° sensors, the Model 4970 with grade works great on many machine control applications, such as backhoes, box blades, dozers, etc, where level or a single grade is required.

