

MR240

Machine-Mounted Display for Site Prep



⊕ Accurate
grade control

⊕ Extra-strong
attachment

⊕ Waterproof
and very
rugged

⊕ Low cost

⊕ Long battery
life

IDEAL FOR EXCAVATORS

MR240

specifications



MR240 Receiver

Ideal for use with backhoes and miniexcavators, this receiver offers the convenience of a machine-mounted display at an economical price.

The MR240 receiver provides accurate grade information for all visual machine control applications, with 240° detection of any rotating laser.

FEATURES

- LED indicators show position of cutting edge in relation to the laser reference beam.
- Memory stores the last signal received. LED arrows indicate which way to move the bucket to pick up the laser beam again.
- Choice of three settings: 3 channels (indicators) in coarse mode; 3 or 5 channels in fine.
- Magnetic mount allows quick mounting and easy movement from machine to machine.
- Automatic shutoff.
- Rugged, waterproof construction.
- Includes receiver, batteries, case.



Application

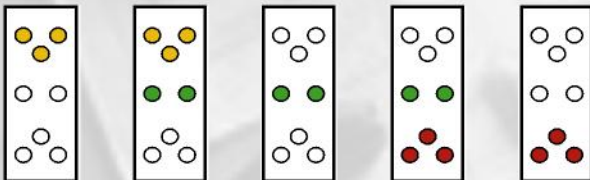
MR240 attaches to excavator arm with extra strong rare earth magnets built into back plate.



One-person operation saves time and money! No grade checker is required and there's no expensive machine downtime while operator checks grade with a rod.

LEDs indicate direction

Blinking LEDs point in the direction to move the bucket to reach grade. Color also tells you at a glance your position. 5 channels available in fine:



High or beam lost Near grade high On grade Near grade low Low or beam lost

MR240 Specifications

Range	650 ft. (200 m) varies with laser used
Accuracy*	Fine: 1/4" (6 mm) Coarse: 1" (30 mm)
Capture height	~6" (15 cm)
Reception angle	240° nominal
Battery life	approx. 130 hours - 3 AA alkaline
Attachment	Built-in magnet mount
Auto. shutoff	After 1 hour
Environmental	Waterproof (IP67)
Operating temperature	-18° to 158° F; (-28° to 70° C)
Size	8.5" x 5" x 4"; 4.8 lbs. (22 x 12 x 10 cm; 2.2kg)

*Typical; actual accuracy depends on beam diameter and distance.

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