

HAND HELD LASER RECEIVERS

THE MOST ACCURATE, RELIABLE, DURABLE RECEIVERS YOU CAN OWN

CR1

Economical Interior and Exterior Models
Totally Waterproof and Dustproof (IP67)

CR1-E



LCD indicates grade position.
Exterior model includes rod clamp.

CR1-I



LED's indicate grade position.
Interior model includes lanyard and built-in magnets.

CR2

Proven performance and reliability
Totally Waterproof and Dustproof (IP67)



LCD's Back and Front.
Selectable on-grade accuracy.
Loud beeper can be heard on noisy jobsites.
Strong, durable clamp.

CR5

COMBINATION RECEIVER



Hand-held, rod or machine mounting
LCD and LED Displays
3 accuracy settings • 5" reception range
Magnetic mounting



Optional Wireless Remote
for Added Versatility

SPECIFICATIONS

	CR1-E	CR1-I	CR2	CR5
Reception Range:	500' (150 m)	250' (75 m)	2000' (600 m)	1000' (300 m)
Accuracy:	Fine	±1/32" (±0.75 mm)	±1/32" (±1.0 mm)	±1/16" (±5 mm)
	Medium	±1/16" (±2.0 mm)	±1/16" (±2.0 mm)	±1/4" (±10 mm)
	Coarse		±1/8" (±3.0 mm)	±1/2" (±25 mm)
Detection Height:	1.5" (38 mm)	1.5" (38 mm)	2.0" (50 mm)	5.0" (127 mm)
Environmental:	All Waterproof			
Beeper Volume:	High	100 dB	105 - 110 dB	105 - 110 dB
	Low	-65 dB	70 - 75 dB	70 - 75 dB
Display Channels:	3	3	5	9
Marking Notch Offset:	25 mm	25 mm	50 mm	N/A
Remote Display Outputs:	No	No	Yes	Yes
Battery Life:	Normal	300 hrs	150 hrs	160 hrs
	Continuous	100 hrs	50 hrs	
Warranty:	2 Years		2 Years	2 Years

*Specifications subject to change without notice

Hand Held or Rod Mounted Laser Receivers



Combination Hand-held, Rod or Machine Mounted Laser Receiver



Machine Mounted Laser Receivers



Local Dealer:

FUTURA
TOOLS & TECHNOLOGY

100 N. Rockwell Ave., Bldg.96
Oklahoma City, OK 73127
Toll-free: 877-399-9900
Phone: 405-789-9900
Fax: 405-495-9305

FUTURA
TOOLS & TECHNOLOGY

MACHINE CONTROL LASER RECEIVERS

ALL MCR RECEIVERS FEATURE - 360° DEGREE RECEPTION - SELECTABLE ACCURACY - WATERPROOF DESIGN - HEAVY DUTY CONSTRUCTION

MCR1+



- Display receiver for grading
- Versatility built-in
- Super bright LED's
- Low battery indication
- Green on-grade LED's

MCR2+



- Grading and excavating
- Plumb indication built-in
- Selectable on-grade location
- Automatic capability
- Green on-grade LED's

MCR3



NEW - A.C.E.
Angle Compensation for Excavation
Check grade with the dipper over or under extended, up to 30 degrees, without loss of accuracy.

- Long vertical reception
- Selectable on-grade location
- Grading and excavating
- Plumb indication built-in
- Green on-grade LED's

ACCESSORIES



Remote Display
with cables - View grade
information in the cab.
Connects directly to
machine power.



Adjustable Magnetic Mounts for
Backhoes / Excavators or Dozers.
Quick, secure mounting with no
welding. Heavy duty magnet banks
keep receiver in place.

SPECIFICATIONS

	MCR1+	MCR2+	MCR3	MCR2E
Vertical Reception:	6.75" (170 mm)	6.75" (170 mm)	8.75" (220 mm)	6.50" (162 mm)
Accuracy:			Grading / Excavating	
Set-Up			3/16" / 1/4" (5/6 mm)	
Fine	3/16" (5 mm)	3/16" (5 mm)	3/8" / 1/2" (10/12 mm)	16 levels
Standard	1/2" (12 mm)	1/2" (12 mm)	3/4" / 1" (20/25 mm)	set with
Wide	1-1/4" (35 mm)	1" (25 mm)	1-1/2" / 2" (40/50mm)	Control Box
Plumb Sensor Range:	N/A	± 2.5°	± 2.5°	N/A
ACE Mode Swing Range			± 10° to 30°	
On Grade Locations:				
Center (Grading)	Yes	Yes	Yes	Yes
Offset (Excavation)	No	Yes	Yes	No
Power: Alkaline Batteries	Standard	Standard	Standard	N/A
Nickel Metal Hydride	Optional	Optional	Optional	N/A
Power Cable, 10-30 V	Optional	Optional	Optional	Required
Battery Life - Dim / Bright:				
Alkaline	75 / 50 hrs	60 / 45 hrs	60 / 45 hrs	N/A
Ni-MH	50 / 40 hrs	45 / 30 hrs	45 / 30 hrs	N/A
Remote Display Option:	Yes	Yes	Yes	No
Automatic Option:	No	Yes	Yes	Yes
Clamp Range, MCR:	1.66" to 2" (42 - 50 mm) diameter round tube, 1-1/2" (38 mm) square tube			
Warranty:	2 Years	2 Years	2 Years	2 Years

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Automatic machine control system

MCR2E

Grade LED's on front of
receiver.
Used with MCB and
cable kit.



MCB

The MCB will work with the MCR2,
MCR2E, and MCR3.
16 selectable on-grade accuracies.
Automatic or manual control.