



MC510 Machine Control Receiver with Wireless Remote Display

- ***Simplify your grading and excavating operations***
- ***Improve machine productivity and efficiency***
- ***Reduce labour and wasted down time***
- ***Vertical indication built-in***
- ***Works with all rotating lasers***
- ***360° Reception***
- ***Waterproof IP67***



Available with heavy duty large magnets or heavy duty clamps

Wireless RF link to remote display!



**TRIAX MC510
MACHINE CONTROL RECEIVER**

MC510 Machine Control Receiver

360° Reception

The MC510 offers accurate grade information for all visual machine control applications. Large 360° detection windows pick up any rotating laser, from any angle.

Built-in vertical indicator monitors angle of the stick, signaling if it's plumb, under- or overextended. Vertical position ensures consistent and accurate grade readings, saving money by reducing over- or under-cutting.

The MC510 is available with both heavy-duty clamps and large magnets for quick mount and easy movement from machine to machine.

Features

- 5 LED indicators show position of the bucket or blade in relation to the laser beam.
- Vertical indicator LED on receiver blinks if dipper stick is not plumb. LED arrows on remote display indicate which way to move to straighten the stick.
- Memory function stores the last signal received. Arrows indicate if the beam is high or low, allowing you to quickly reach the reference plane.
- Rugged, waterproof construction. Built-in shock mounts minimize machine vibrations.
- Selectable accuracy (fine and coarse).
- Color indication: down arrow in red, level in green, up arrow in yellow/orange.

RD510 Remote display

- Clear remote display panel mounts to the windshield with a heavy-duty suction cup. It can also be magnetically mounted to the cab or window frame. Won't block operator's view.
- Displays the 5 channels of the receiver, plus the vertical indicator arrows. It receives the information via wireless RF link (no cable needed).
- Plugs into the cigarette lighter (accessory plug) in the cab.
- As soon as the MC510 is turned on the communication with the receiver is detected.
- The remote display is dedicated to the receiver; no problem of frequency interferences.
- Turn off the receiver from the remote display in the cabin: saving battery life.

Specifications

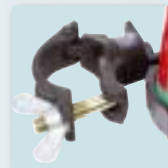
Operating distance*	: 200m (650 ft.)
Reception	: 360°
Capture window	: 25 cm (9.75") (height)
Accuracy*	: Fine: ± 3-12mm (1/8"-1/2") Coarse: ± 5-25mm (3/16"-1")
Vertical indicator	: +/- 5°
Waterproof	: IP67
Charging time	: 16 hours
Battery life	: 40 hours
Power battery	: rechargeable Ni-Cad
Frequency range	: 30m (100') between MC510 and RD510
Size	: 37.5 x 7.5 x 10.7 cm; (14.75" x 3" x 4.25")
Weight	: 1.8 kg (4 lbs.) without clamps

*Range and accuracy may vary with laser used

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Magnets



Clamps



RD510 remote display



Carrying case includes MC510 receiver with magnet or lamp mount, 220V charger, RD510 remote display, and suction cup for RD510 mount

The TRIAX range of laser products are co-developed, marketed and supported by Sokkia (Europe) B.V.. Sokkia's line-up of surveying instruments includes everything from Global Positioning Systems (GPS), electronic total stations and distance meters, to electronic and optical theodolites, levels and laser products. Whether you're involved in construction, building a highway, bridge or tunnel, or charting a nationwide map, SOKKIA surveying instruments and systems always provide the best solution.

TRIA X™

**INNOVATIVE LASERS
SOKKIA EXPERTISE**