



WIRELESS MAGNET OPEN/CLOSE DETECTORS

Model **336857** 12V transmitter/detector with built-in reed contact and external switching magnet include low power radio transmitter and are used in wireless monitoring of doors, window, gates, etc., in alarm & security applications. Programmed to Larco's 433MHz receiver the detector operates in one of the two modes selected by jumper J1, as shown in table below:

	Opening of door/window	Closing of door/window
J1 shorted	Single transmission – setting receiver's channel output to ON for a programmed time	No transmission – no reaction of the receiver
J1 Opened	Three transmissions in random time intervals – setting receiver's channel output to ON	Three transmissions in random time intervals – receiver's channel output set to OFF

IMPORTANT! After every operating mode selection change the receiver must re-learn the transmitter.

The **336857** detectors' main features: dynamic code hopping encryption for highest level of signal security; low current consumption allowing up to 1 year (model 336857) and 3 years (model 336858) of operation on single battery; LED alarm indication selectable to OFF for battery saving.

Teaching 336857 detector to Larco's receivers (model 233804)

Please refer to the Receiver documentation to program. Use the external magnet with the detector box closed to trigger transmission.

Installation

The detector operates indoors, within temperature range of 32° to 100° F. Installation location should be dry and far from electromagnetic lines, radio modules, metal screening and other devices that may cause interference and reduce operating range. Prior to firm installation tests should be made to determine practical operating range. The external magnet should be installed on movable part of the monitored object, so that in closest position the magnet is no more than 3/8 inch from the detector's box reed side. Plastic insert is supplied to cover center screw hole.

Specification

- 433.92 MHz frequency band and 150-300 feet operating range in open field
- 336857 power supply: 12V GP23A alkaline battery (current 0.006 mA at standby)

FCC ID: RQL336857

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The user is cautioned that changes and modifications made to the equipment without the approval of the manufacturer could void the users authority to operate this equipment.

