INF-MAG

The INF-MAG is a magnetic door and window contact designed for use with the infinite alarm system.

Installation Instructions

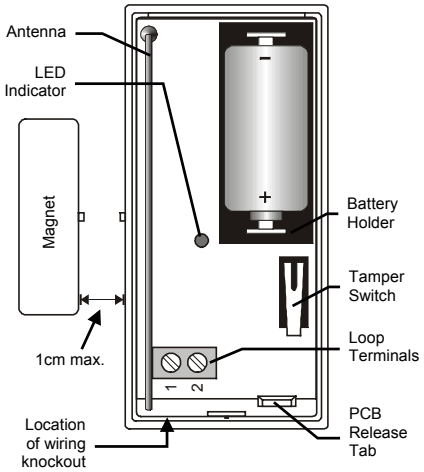

Figure 1: INF-MAG (cover off)

1. To open the housing, insert a small screwdriver at the bottom of the unit between the front and back cover and twist the screwdriver to release the cover.
2. Remove the divider separating the battery from the contacts on the battery holder. When you apply power and the Tamper switch is open, the INF-MAG enters Test mode during which a transmission is sent every few seconds. You can terminate Test mode by closing the Tamper switch. Test mode is automatically terminated after approximately five minutes. ***Note: Due to the occurrence of voltage delay in lithium batteries that have been in storage, the batteries may initially appear to be dead. In this case, leave the unit in Test mode for a few minutes until the battery voltage level is stabilized.***
3. While the INF-MAG is in Test mode, set the receiver to Registration mode and make sure that the INF-MAG's LED lights up at least twice. After registration, close the Tamper switch to terminate Test mode. The receiver allocates a transmitter number to each registered unit. Write this number and the number of the zone on the sticker provided. Affix the sticker inside the front cover for future reference. ***Note: Alternatively, the INF-MAG can be registered to the receiver by manually entering the transmitter's serial number.***
4. Before permanently mounting the unit, test the transmitter from the exact mounting position. If necessary, relocate the transmitter to a better position.
5. To remove the PCB, press the PCB release tab and carefully lift the board and slide the board away from the back cover.
6. The INF-MAG is provided with terminal 1 shorted to terminal 2. If connecting a wired contact loop, disconnect the wire bridge and connect the terminal block as follows: 1 - Alarm; 2 - GND. For this purpose, a wiring knockout is provided in the back cover.
7. Mount the back cover using two screws and replace the PCB. Use ISO 7050 (ST3.5 x 22) or similar countersunk screws so that the screw head will not touch the PCB – *see Figure 2.*
8. To open the magnet's housing, insert a small screwdriver into one of the pry-off slots located at either end of the magnet's back cover and lift to separate from the front cover.
9. Mount the back cover of the magnet using two screws. Make sure that the guideline on the magnet is correctly aligned with the guideline on the transmitter. ***Note: Do not install the magnet further than 1cm from the transmitter.***
10. Test the transmitter, making certain that the LED is lit when opening the door/window and again when closing.
11. Close the front covers of the transmitter and the magnet.

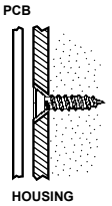

Figure 2: Mounting Screw Position

Technical Specifications

Antenna: Built-in Internal Whip
Frequency: 868.35, 433.92 or 418MHz FM
Power: 3.6V ½ AA Lithium Battery
Caution: Fire, explosion and severe burn hazard!
Do not recharge, disassemble or heat above 100°C.

Current Consumption: 25mA (transmission)
10μA (standby)
Loop Input Voltage Range: 0-15VDC/AC (peak to peak)
RFI Immunity: 40V/m
Operating Temperature: 0-60°C

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