

MI-LA50 GLASS BREAK DETECTOR

FEATURES

- Ø Very high noise immunity;
- Ø Omnidirectional sensitivity allows mounting on ceiling or walls;
- Ø Two LED: Red: Alarm
Green: reception
- Ø Easy to install and adjust.



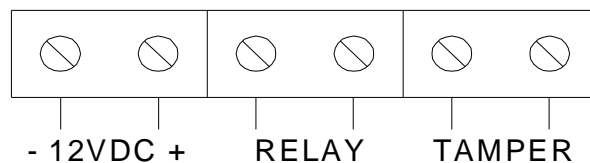
INTRODUCTION

1. MI-LA50 is a sensor to detect glass breaking.
2. MI-LA50 provides maximum reliability. It ignores any other sound/noise but glass breaking, since it alerts only when a detected sound matches one of the variety glass breaking sound images recorded in its memory.

INSTALLATION

1. SELECT LOCATION
 - Ø Choose a location in front of the protected glass area.
 - Ø Make sure that the detector's field of view is not blocked by any object.
 - Ø Avoid installation in the following locations:
 - n Areas with substantial air current.
 - n Areas with high audio noise or vibrations.
 - Ø Detector's detection range may be decreased in a place with acoustically absorbing material.
2. MOUNTING
 - Ø Determine mounting position and cable routing.
 - Ø Open the front cover by pressing the clip located on the mid-right side with a screwdriver, and pull it upward.
 - Ø Run the cable along the cable-duct located on the backside of the rear cover and insert it through its prepared hole.
 - Ø Mount the rear cover to the wall/corner as determined previously.
 - Ø Connect the wires to the terminal block (according to the terminal block diagram.)
 - Ø Close the detector case.

TERMINAL BLOCK WIRING



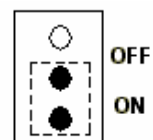
12VDC connect with DC power, “-” is negative, “+” is opposite;

RELAY is output terminal

TAMPER connect tamper signal wire and connect with controlling unit, when close the front cover, the signal wire is connected directly, when the front cover is opened, the connection is cut down and give one signal to controlling unit. The sensor output terminal.

JUMPER SETTING

When jumper is in "on" position, the LED is enable, when in "OFF" position, the LED is disable.



SPECIFICATIONS

Detection range	12m
Detected glass types	All types
Minimum Glass Dimensions	30×30cm
Power supply	8 ~16VDC
Current Consumption	18mA(12VDC)
Alarm output	normal closed dry contact 0.1A/2V Max.
Tamper switch	opens when cover removed Rating 0.1A/24V Max
Warm-up Time	instantaneous
Alarm period	1.5 sec
Indication LED	red: alarm Green reception
LED enable	by JUMPER
Operation temperature	-10°C ~+40°C
Humidity	95% Max