

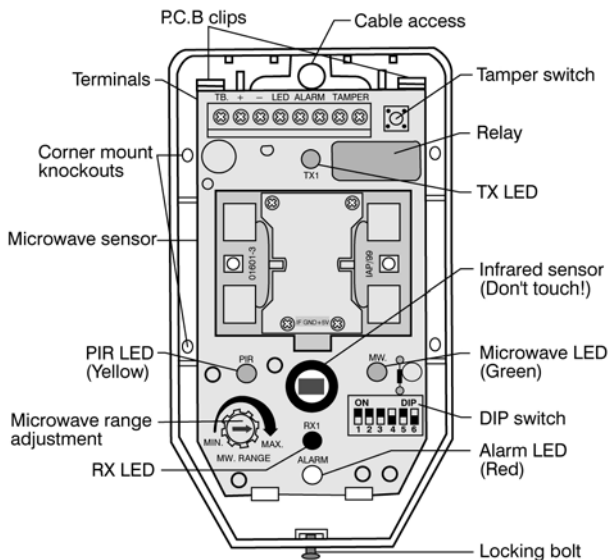
DUOGUARD

Anti-masking PIR + Microwave Detector

DP-150A

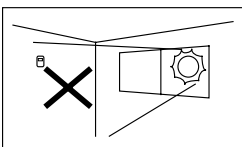


INTERNAL VIEW

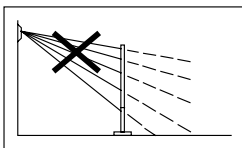


INSTALLATION HINTS

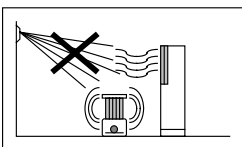
The DUOGUARD may be either wall or corner mounted by applying proper knockouts. The MB-95/98/99 mounting bracket can be applied for ceiling or wall mount. Corner mount is generally recommended for optimum detection.



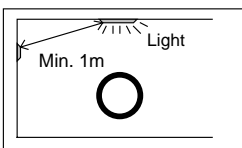
Do not install the detector facing direct/reflected sunlight, windows onto main roads (car head lights) or strong draughts / heaters.



Ensure that there are no any obstructions (plants, screens, furniture etc.) in the field of view which may cause incorrect cover/operation of the detector.



Avoid locating the detector in areas which contain equipment that may change the temperature rapidly.



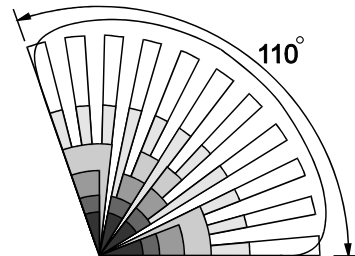
Locate the detector at least 1 meter away from any fluorescent light to avoid interfering the microwave sensor.

⚠ Avoid running the alarm cable

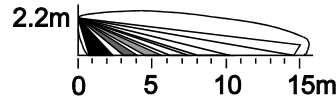
close to mains wires !!!

DETECTION PATTERN

110°, 15 x 15m at 25°C Top View



Side View

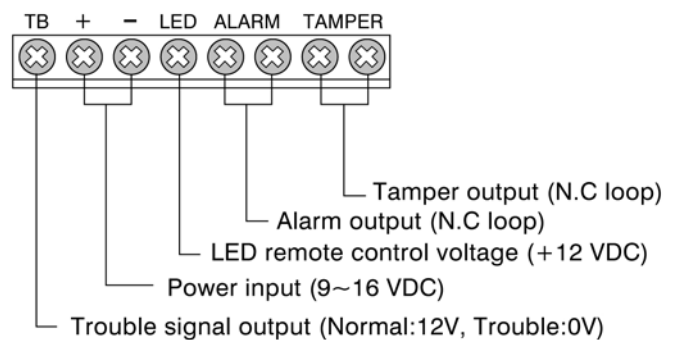


INSTALLATION & WIRING

Installation

1. Open the front cover by loosening the locking bolt at the bottom of the case.
2. Remove the printed circuit board from the base of the unit, by bending the P.C.B clips gently upwards (handle printed circuit board with care).
3. Punch out the required knockouts and mount the unit base to the wall, corner or bracket.
4. Lead the cable through the access hole and then refit the printed circuit board.
5. Connect the wires to the respective terminals according to the wiring instructions.
6. Replace the front cover after completing the wiring and carry out a through walk test.

Wiring



⚠ TAMPER terminals to be connected to a 24 hours N.C supervisory loop of control panel.

