

Technical Bulletin - MDDZ



DUAL ZONE RADAR SENSOR

Manual Instruction

MDDZ is a dual stage microwave detector effectively works like two separate sensors. The first "stage" or "zone" is set to be more sensitive and is adjusted to extend outside the vehicle and is usually connected to the "warn off" feature found on many alarms, a separate buzzer or one of our Voice Warning Modules. The second stage is connected to the alarms main sensor input and is then set to protect the interior of the car, triggering the full alarm if it is activated.

Main Features

- Dual Zone Microwave Sensor for Car Alarms
- Detects movement of mass
- Two zones - one for warning, one for alarm trigger
- Fully Adjustable Sensitivity
- LED indication to assist in Sensitivity Adjustment
- Compatible with any alarm with a negative trigger input
- Non false alarm by temperature, wind, rain, noise of flying insects
- Two Negative Trigger Outputs

LED Indicator:

GREEN	:	"On" Solid	:	15 seconds power-up.
GREEN	:	"OFF" to "ON"	:	Exterior Zone Trigger.
RED	:	"Green" to "RED"	:	Interior Zone Trigger.
YELLOW	:	"On" Solid	:	Wiring Error - A sensor output is connected directly to 12 V.
YELLOW	:	"Flashing"	:	Setting Error - Exterior zone setting is less sensitive than Interior Zone – External zone should be more sensitive than internal zone.

Note: Sensor requires 15 Seconds power up period when alarm is armed. During this period the LED is "ON" – solid green – and the sensor will not trigger.

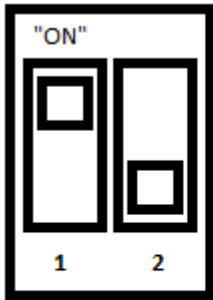
Specification:

- Supply Voltage: DC 12V
- Standby Current: 11mA / DC 12V
- Output: Negative pulse

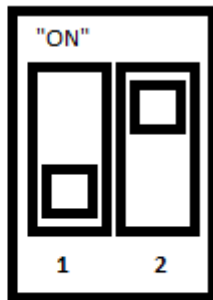
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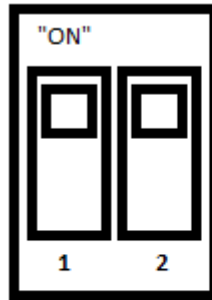
Switch Settings for Adjustment and Operation:



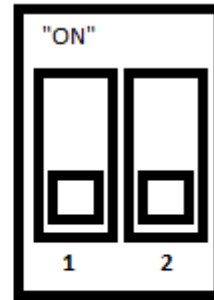
Exterior Adjust



Interior Adjust



Normal Operation
without Perimeter
Alarm



Operate with
Perimeter Alarm

Wiring:

- RED : +12Volts or Alarm's positive armed output
 - BLACK : Connect to Ground.
 - BLUE : Connect to instant trigger auxiliary input of alarm.
 - GREEN : Connect to warning trigger auxiliary input of alarm.
- If DIP Sw. Both "ON" – Exterior output: will Pulse.
If DIP Sw. Both "OFF" – Exterior out: 3 Sec.

Wire warning device via external relay – Not included.

