

Dual-Zone Radar Sensor

Mechanical Installation:

The position of the radar sensor is up to the installer and the type of protection you want to achieve. Radar waves will pass through any material that is not metal or impregnated with metal particles. A solid mounting position is essential so that the sensor does not change position over time. Mounting suggestions:

1. Do not locate the sensor under a metal object.
2. Do not locate the sensor under a console glovebox.
3. For hard top vehicles, the sensor can be mounted to the roof facing toward the ground.

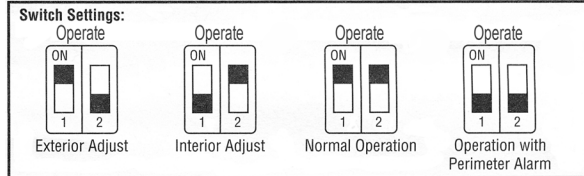
Wiring:

If hard wiring is required, follow these steps:

Red: 12V power input
Black: Sensor chassis ground input (this can also be connected to the "ground when armed output" of any alarm module)
Blue: Triggered Zone 1 (interior zone) sensor out (-)
Green: Connect to warning trigger aux-input of alarm

Adjustments:

1. External VR: Turning clockwise makes external zone more sensitive (- to +)
2. External VR: Turning counterclockwise makes external zone less sensitive (+ to -)
3. Internal VR: Turning clockwise makes internal zone more sensitive (- to +)
4. Internal VR: Turning counterclockwise makes internal zone less sensitive (+ to -)



LED Indicator:

Solid Green: 15 second delay when power is newly connected or reconnected
Flashing Green: Exterior zone trigger
Flashing Red: Interior zone trigger

Operation:

The dual-zone radar sensor creates two areas of protection around the vehicle. Zone 1 is the pre-warn zone. When objects enter this zone, the sensor will trigger the pre-warning audio device 1 time. Zone 2 is the alarm trigger zone. When objects enter the Zone 2 area, the sensor will immediately trigger the alarm system.

1. When the sensor is powered up, the green LED will flash for 15 seconds to stabilize the radar field.
2. When the green LED is off, the sensor is ready to protect the vehicle.
3. When Zone 1 (exterior zone) is triggered, the green LED will flash for 1 second.
4. When Zone 2 (interior zone) is triggered, the red LED will flash for 1 second and the alarm will be triggered.

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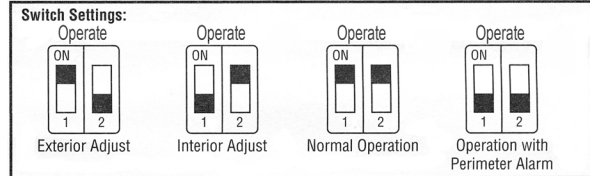
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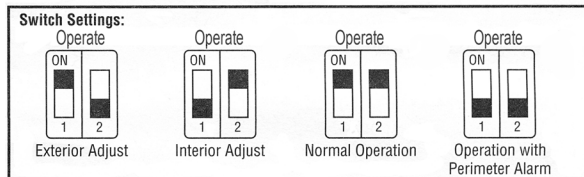
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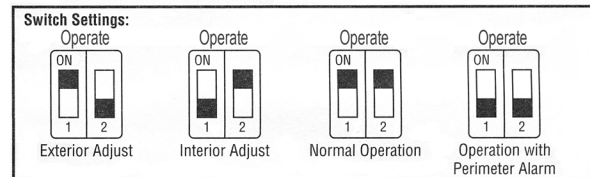
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