OPTEX X-Zone T Quick Setup Guide

For detailed information, please refer to the installation manual supplied with each sensor. For OEM specific wiring connections and notes please refer to the X-Zone T Connection Matrix.

Sensor Mounting Location

Header

Use supplied Mounting Template. Place template so that it is in the center of the clear door opening and so that the bottom of the template is between 1/4" and 2" from the bottom edge of the header.

2"

1/4"

Align with center of clear door opening

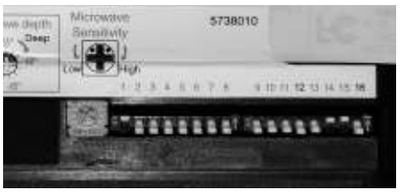
Drill (2) 1/8" holes and (1) 5/16" hole as indicated on the template. Remove template from header. Remove the cover from the sensor. Fasten the sensor securely to the header using the supplied screws (do not over-torque screws or sensor body may distort).

Sensor Settings

Ensure sensors are properly set to factory defaults as shown and described below.

Remove the cover and unfold the label.

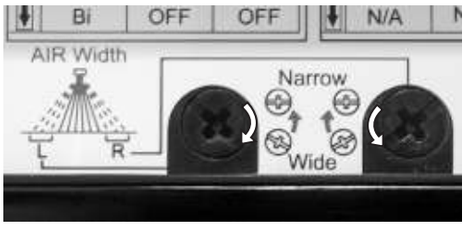
1. Dipswitch settings



NOTE: If uni-directional motion detection is desired, move dipswitches 9 UP.

Refer to instruction manual for details on all dipswitch settings.

2. AIR Area Width

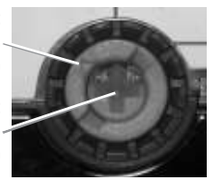


Set shutters to Wide Position

3. AIR (Presence) and Microwave Angle Adjustments

AIR Angle Adjust
Set Red Ring at –2 degrees
(Arrow at Approx. 10 o' clock)

Microwave Angle Adjust
Set center Philips adjuster to 38 degrees
(Blue Dots are at 2 o' clock)



WARNING: To comply with ANSI A156.10, if the reveal on the door (mounting surface of sensor to face of sliding panel) is greater than 2½", turn the AIR adjuster (Red Ring) CCW (Shallow) until the door recycles on the closing cycle. Then refer to step 2 under troubleshooting to properly adjust the AIR angle.

4. Microwave Sensitivity

Set to 10 o'clock (two dots at top)

5. Walk Test

Power up sensors and wait 10 seconds to test presence area. Perform walk test procedure to verify substantial compliance with ANSI A156.10 section 8.

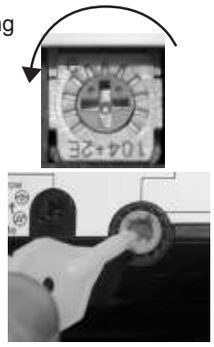
Troubleshooting

Door reopens on closing cycle:

1. Operation LED turns **solid Orange** then door reopens (Microwave Motion Detecting Door)

a. Reduce sensitivity: turn sensitivity potentiometer CCW.

b. Adjust Microwave angle towards deep (Clockwise) slightly.



2. Operation LED turns **Flashing Red**, then door reopens (Row 2 Presence Detecting Door)

a. Move AIR angle adjustment (Red Ring) slightly Clockwise until ghosting stops.

NOTE: When changing the AIR angle, sensor may go into detection and hold door open. In this case, reset sensor by moving any dipswitch, then move it back.

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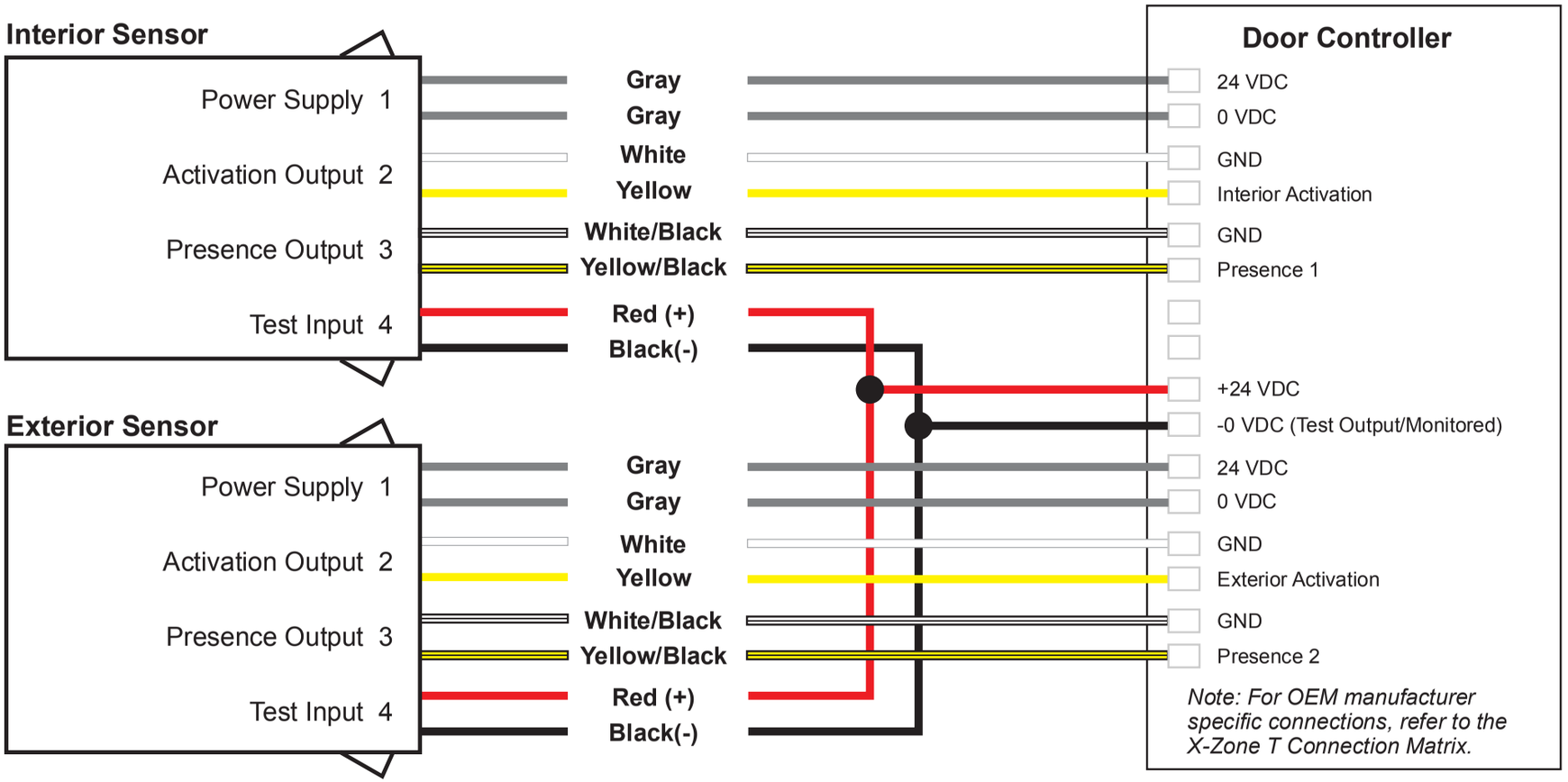
Wiring Diagram



Notes:
1. Dipswitch 14 must be set ON (UP) for simultaneous output.
2. With Dipswitch 15 ON (UP) the BLUEZONE (Row 1) will be active.
3. When installing two or more sensors in close proximity to each other, vary the frequency settings for each sensor (dipswitches 5 & 6).
4. Dipswitch 11 Activation output standby mode relay logic, "N.O. OFF" or "N.C. ON".
5. Dipswitch 12 Safety output standby mode relay logic, "N.O. OFF" or "N.C. ON".
6. Red & Black wires (Test Input) are only used when the control box has monitoring capability.