

Entry Alert – S (GL-10 Sensor and DES1 Alert)

Included in pack: **GL-10 Photo Electric Sensor** –operating range to 8 metres
 DES1 with Piezo Alert, Volume Adj., On/Off Switch and lead to the Plug-Pack
 12 Volt Switchmode Plug-Pack
 80 mm Round Reflector with Mounting Bracket
 Sensor Mounting Bracket
 Nuts/Bolts/Screws

The GL-10 Sensor is positioned on one side of the doorway and the reflector is positioned on the other side. The pack includes a Multi directional black sensor mounting bracket to help with installation of the Sensor.

Suggested installation height is 70 cm.

The first thing to do is to decide where to position the GL-10 and its reflector. The distance between the sensor and reflector needs to be less than 9 metres. If needed The GL-10 will detect through glass, it is recommended that it is positioned to look through on an angle – with the sensor tilted slightly up or down.

Decide where the alert signal (DES1) is to be installed, preferably near a power point. The sensor cable is to be connected to the cable from the DES1.

<u>Wiring Connections:</u>	GL-10 Sensor	DES1
	Brown	Brown
	Blue	Blue
	Black	Black

Before turning the power on it is suggested to make sure the Piezo is off – the Toggle Switch on the DES1 is pointing UP and/or the Volume adjustment knob is turned fully anti-clockwise.

There are 2 LED's on the back of the GL-10 sensor. When the system is powered up a GREEN LED will light up. The ORANGE LED will **turn on when the sensor is lined up** pointing at the reflector.

It is best for the reflector to be in the centre of the beam from the GL-10– so before finalizing the position of the reflector move the reflector by hand to ascertain where the centre point is. You may need to swivel the sensor slightly on its bracket to position the reflector where you want it. You may need someone to help with this as the LEDs on the GL-10 Sensor are difficult to see the further you are from the sensor.

Once both sensor and reflector are installed as you walk through the beam the LED will flash off as you break the beam.

Switch the Piezo Toggle to the ON position (down) and adjust the volume. As you walk though the beam the Piezo will beep for approx 2 seconds.

Problems

If there is no beep – check the power point is ON, that the DES1 is ON and check wiring connections.

If there is a continual beep – the ORANGE LED on the GL-10 will be OFF and it will not be lined up with the reflector or something is obstructing its view of the reflector.

Extra Sensors

If there is more than one sensor to common DES1 – connects as above.

Extra Piezo Alerts

If the system comes with one or more extra Piezo Alerts there will be a length of black 2 core cable coming from the DES1.

The Brown of this cable is to be joined to the Positive (Red) of the Piezo and the Blue is to be connected to the Ground (Black) of the Piezo.



18 Wickham Street, VIC
Australia 3338
(T) +61 3 9743 5189

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