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2C Door Sensor

Part Number: *TCS0002C-KIT

Function: All-in-one people counting device

Kit contains

- Sensor unit with 2 way tape attached
- Power Pack and joiner
- Reflector with 2 way tape attached
- 2 extension cables – use whichever length is most convenient

Installation Guide

Mounting the sensor:

- DO NOT install this device in outdoor applications or where the device can get wet. It is a dry, indoor use product only.
- The counter is best mounted at 1200mm – 1400mm so as to minimise counting of shopping trolleys, prams and strollers. The sensor lens should face across the doorway.
- Attach the counter to the doorframe using the 2-way tape attached.
- The counter can be mounted at either side of the door. The display flips over automatically when turned upside down.

Mounting the reflector:

- Mount the reflector at the same height as the sensor using the 2-way tape attached ensuring no objects (such as door handles) are in the path of the beam.
- When mounting the reflector, mount it directly opposite the counter, with the reflector surface parallel to the sensor lens. If you do not place the surface of the reflector parallel to the sensor lens, you will find it difficult to align properly.

Aligning and testing the sensor:

- Plug the power pack into a power point.
- Switch on the buzzer (press +). The buzzer activates for half a second whenever it cannot see the reflector.
- To ensure the reflector is perfectly aligned, move it up until the buzzer sounds. Mark this spot. Move it down until the buzzer sounds. Mark this spot. Move the reflector to the centre of these 2 marks. Now do the same for left and right. You have now placed the reflector in the middle of the “sensor beam”.
- Walk between the counter and the reflector (through the beam). You should hear a tone and see the number on the display increment.
- Switch off the buzzer if no longer desired. Note: Turning off the buzzer will not affect the counter’s operation nor the accuracy of the counts.

Using the built in features:

There are 4 buttons which perform specific functions when pressed in the correct order.

□+ x ○

- **To reset the counts to zero:** Press ○ until the numeral 3 is displayed (this signifies mode 3). You now have 3 seconds to press □ to reset the counts. After 3 seconds of no keys pressed the unit reverts to counting mode.
Quick sequence to reset counts: ○○○□
This is to make it difficult to accidentally reset the counts (or tampering by others).
- **To toggle between straight counting and automatic divide by 2:** Press x. You will notice that the total counts halves/doubles each time you press this. Note that the unit remembers odd numbers and adjusts itself accordingly.
- **To toggle the beeper on/off:** Press +.