

ALDRIDGE

iTouch v2

Microwave Touchless

Pedestrian Push Button Control



From the brand you know and trust for over 40 years

iTouch V2

Audio Tactile Touchless Push Button with call record
& Microwave Sensor RMS

Wave Goodbye to Old Technology

Pedestrians can now activate the push button controls at the signalised intersection with just a wave of their hand.

Safer Pedestrian Signalised Crossings

Introducing Aldridge iTouch V2 with the latest microwave technology Touchless Pedestrian Push Button Control.

With traditional push button controls, pedestrians physically push the button at traffic signal intersections to inform the traffic signals they are waiting to cross the road. With Aldridge iTouch V2 **no physical touch is necessary**.



Sensor Activation between 5 – 15cm

KEY BENEFITS

Public Hygiene

Today more than ever before, improved hygiene measures are necessary. The risk of infection is greatly increased by human to surface contact. With the introduction of the new iTouch, the spread of infection is substantially reduced. iTouch is a hygienic alternative to standard pedestrian push buttons, which protects the public against potential contamination of their hands and virus spread.

Reduces Traffic Congestion

The iTouch ensures that traffic flow can continue to operate adaptively. Unnecessary stopping cycles are decreased by stopping vehicles only when a pedestrian uses the iTouch. This reduces traffic congestion, driver frustration and improves pedestrian safety.

Contactless System

The iTouch features an microwave Sensor so that pedestrians can request a crossing phase with just a wave of their hand in front sensor.

Safer Crossing Behaviour

Allowing pedestrians to control when crossing at traffic intersections, reduces waiting times, frustration and encourages safer pedestrian behaviour.

User Instruction Sticker Available

Aldridge offer a self-adhesive sticker for the mounting pole. This features crossing instructions in multiple language translations, to suit your particular requirements. Your road authority logo can be printed on the sticker as shown.

iTouch V2 Sensor

iTouch TECHNICAL DESCRIPTION

Audio Tactile Contactless Pedestrian Detector

The system comprises two units; a post mounted weatherproof, diecast aluminium case, which accommodates the electronic control circuitry and power supply. This assembly includes the microwave sensor that is activated when an hand or object is held within 5 – 15cm proximity. The sensor light changes to red to show successful activation. The visual arrow positioned on the front of the case can be supplied to indicate the direction of the crossing.

SPECIFICATIONS

- Voltage supply: 24V DC
- Must require external pole mount 24Vdc power supply to operate
- Push button is rated to IP45 as per required by AS2353 standard
- Adjustable proximity range (5cm – 15cm)
- Optional rain tolerant adjustable mode
- volume control feature
- Sensor LED detection (red when activated)
- The iTouch Sensor has been successfully tested to a 10,000,000 activation rate
- Trigger State (0.5 – 30 sec)
- Arrow disc can be supplied pointing in any direction
- Bicycle symbol also available
- No programming changes required to site controller
- No audio upgrades required
- Buttons can easily be installed onsite with wiring changes only
- No additional cables required if Call Record is already installed in poles

iTouch Contactless Sensor In Default State



Sensor
Default State

iTouch Contactless Sensor In Activated State



Red Sensor
when Activated

FEATURES	iTouch V2 Microwave
False detection protection	Unaffected by barriers such as a sticker
Adjustable proximity	No if rain tolerant mode enabled (If rain tolerant mode not enabled then yes, from 5cm to 15cm)
Walk activation feature	Yes. When walking man displayed, pushbutton is disabled.
Push button	Not available, microwave sensor replaces button
Call Record	No
Feedback upon detection	Red light and audio tone
Coverage Performance difference	Microwave sensor has continuous field of detection zone - higher coverage range than Infrared sensor
TECHNICAL	iTouch V2 Microwave
Sensing method	Radar (reflected microwave)
Components	Microwave pushbutton 240Vac to 24Vdc power supply
Voltage supply	AC 240V
Power Supply	External 240Vac to 24Vdc Pole mount power supply with walk activation feature
Options	One option

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