

# ALDRIDGE

## iTOUCH

## TOUCHLESS

## PEDESTRIAN PUSH BUTTON

### SAFER PEDESTRIAN SIGNALISED CROSSINGS

Aldridge iTouch the latest technology in 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 no physical touch is necessary.

The iTouch Sensor has been successfully tested to a 10,000,000 activation rate.

### 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 Infrared Proximity Sensor so that pedestrians can request a crossing phase with just a wave of their hand in front of the illuminated sensor. iTouch retains the functionality of the traditional push button, including the audio tactile features for the hearing or vision impaired and call record for if required.

#### Safer Crossing Behaviour

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

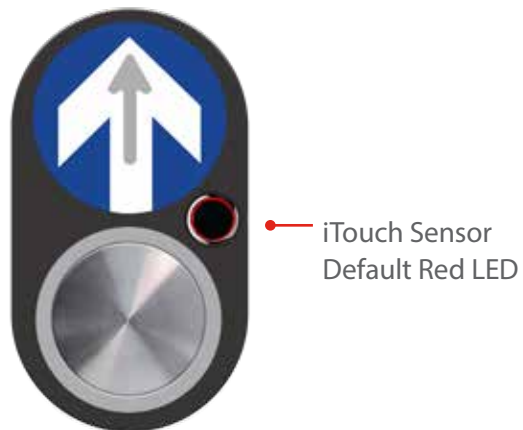
### FEATURES

- Utilising the latest in LED technology for low power, high brightness, and long operational life.
- Built-in intelligence to detect the pedestrian clearance period.
- Designed to operate with RTA Equipment Specification No. TSC/4 for Pedestrian Traffic Signals.
- On-site configurable leading zero digit blanking.
- No additional programming or configuration required
- Works in conjunction with Aldridge Pedestrian Signal Lanterns which are compliant with Australian and International standards
- Australian designed and Manufactured
- Available with IP65 Signal Lanterns Housings
- U.V stabilised components
- Modular components for easy maintenance
- Fits standard 200mm Traffic Signal Lantern Housings.
- Simple installation for new or existing traffic signals.
- Voltage supply : AC 42V  $\pm$  20%
- Max current 35ma
- Push button is rated to IP45 as per required by AS2353 standard
- Adjustable proximity range (3cm ~ 12cm)
- Sensor LED detection (normal state red – green 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
- Wide input voltage range 24V AC/DC, 50V AC/DC, 32V AC or 42V AC
- Power supply / interface built into button housing
- No programming changes required to site controller
- No audio upgrades required
- Buttons can easily be installed onsite with wiring changes only
- 3 or 4 wire versions available to isolate 42 volt supply from 32 volt supply if required (standard 3 wire) cut link for 4 wire
- Optional pole top power supply for 240 volt sites that do not have spare core for 32 volt active
- No additional cables required if Call Record is already installed in poles

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### iTouch Contactless Sensor In Default State



### iTouch Contactless Sensor In Activated State

