

iTouch Contactless Pedestrian Push Button

Wave Goodbye to Old Technology

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

Introducing **Aldridge iTouch** the latest technology in Contactless Pedestrian Push Button Control.

With conventional 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 can be installed at different site locations with alternative wiring scenarios. No need for expensive changeover units and unnecessary labour.



iTouch Sensor
Proximity Activation (3 – 12cm)

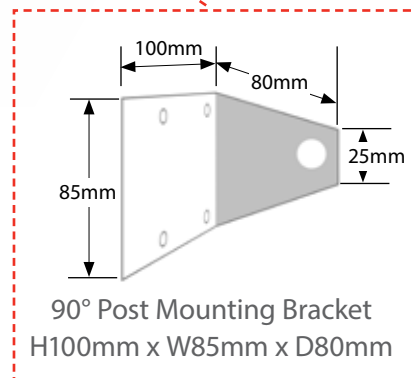
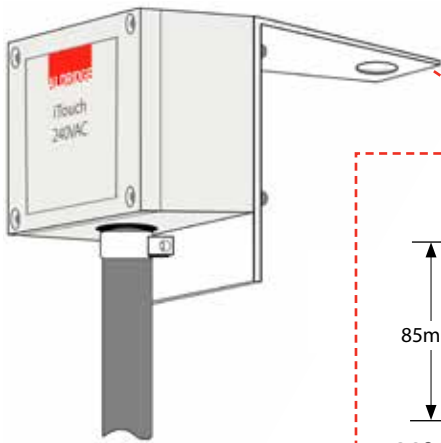
SPECIFICATION

- 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

iTouch Wiring Diagrams

Wiring Colour Key

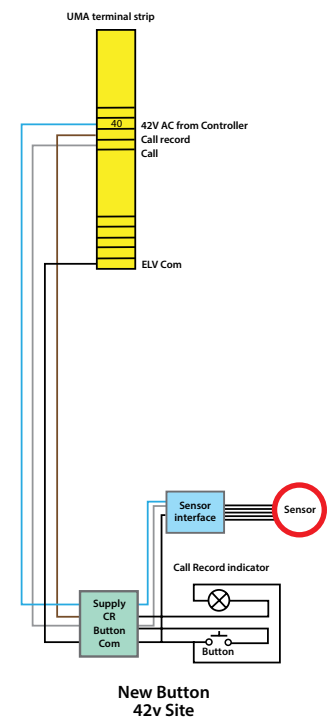
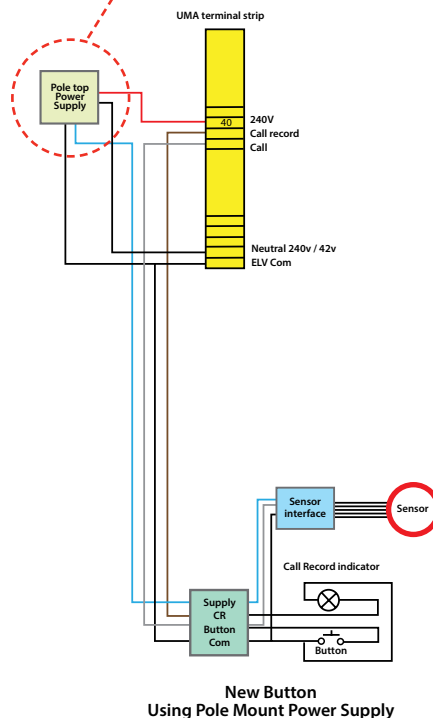
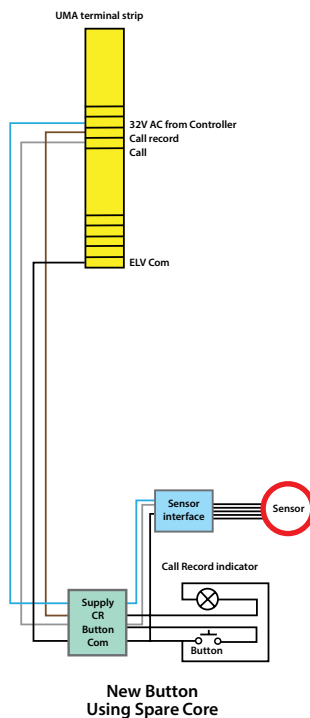
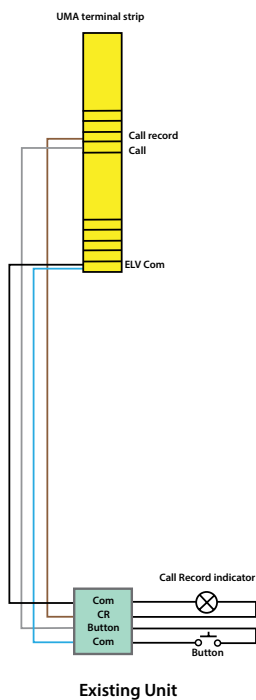
White	= Push Button (shown here as gre.
Blue	= Push Button Return
Brown	= Call Record
Black	= Call Record Return
Green/Yellow	= Earth



Wiring Diagrams

The following 4 wiring diagrams show the options for the iTouch installation.

No programming changes to site controller required. No audio upgrades required.



option 1

Wiring of existing pedestrian push button unit (With call record)

option 2

Installation of new pedestrian push button unit using spare core 32V AC from controller

option 3

Installation of new pedestrian push button unit 240V, using Pole Top Power Supply Transformer

option 4

Installation of new pedestrian push button unit on a new button 42v site

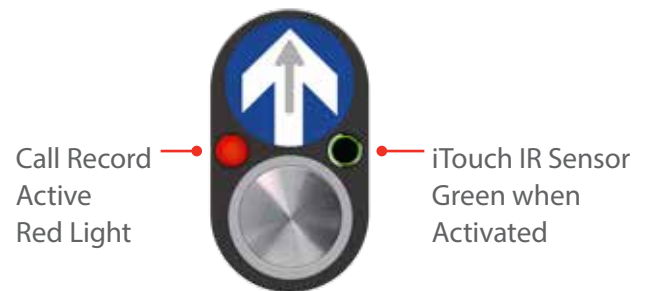
Please Note: Wirings shown are only partial for methodology description purpose only. For installation, the unit is to be wired in accordance to all relevant Australian Standard and Electrical rule.

iTouch Sensor + Call Record

**iTouch Contactless Sensor
with Call Record in Default State**



**iTouch Contactless Sensor
with Call Record in Activated State**



iTouch Sensor Only

**iTouch Contactless Sensor
In Default State**



**iTouch Contactless Sensor
In Activated State**



Product Coding

iTOUCH AUDIO TACTILE CONTACTLESS PUSH BUTTON PART NUMBERS		
State/Territory	Description	Part Number
NSW/NZ	Audio Tactile Push Button Contactless Sensor	CW257T
QLD - BCC	Audio Tactile Push Button with Call Record Contactless Sensor	CW255T
QLD - TMR	Audio Tactile Push Button Contactless Sensor	CW270T
SA	Audio Tactile Push Button Contactless Sensor	CW254T
WA	Audio Tactile Push Button Contactless Sensor	CW255T
ACT	Audio Tactile Push Button Contactless Sensor	CW257T
TAS	Audio Tactile Push Button with Contactless Sensor	CW257T
VIC	Audio Tactile Push Button with Call Record Contactless Sensor	CW260T
NT	Audio Tactile Push Button Contactless Sensor	CW257T

Aldridge

31 Brisbane Street
Eltham Victoria 3095

www.trafficltd.com.au

NSW

P: +61 2 9736 3677
F: +61 2 9736 3391
e: info@trafficltd.com.au

NT

P: +61 8 8947 0733
F: +61 8 8947 0713
e: info@trafficltd.com.au

QLD

P: +61 7 3266 1900
F: +61 7 3266 2244
e: info@trafficltd.com.au

VIC

P: +61 3 9430 0222
F: +61 3 9430 0244
e: info@trafficltd.com.au

ACT

P: +61 2 6299 7922
F: +61 2 6299 7977
e: info@trafficltd.com.au

TAS

P: +61 3 6273 1177
F: +61 3 6273 1759
e: info@trafficltd.com.au

SA

P: +61 8 8362 2385

e: info@trafficltd.com.au

WA

P: +61 8 9248 1002
F: +61 8 9209 2288
e: info@trafficltd.com.au

UNITED KINGDOM

P: +44 (0) 1159 223 797
F: +44 (0) 1159 223 836
e: info@aldriggetraffic.co.uk

