

LPB

LED Push Button Box

Features:

- High reliability LED version
- Corrosion resistant, tough, aluminium construction
- Variants cover all Pedestrian applications
- LED illumination
- Can accommodate two Audibles or Audible plus Tactile
- Low power consumption
- Monitoring option available, activated on loss of more than 33% of LED output.
- 24V and 48V AC and DC operating variants available for all facilities.

TSEU now offers an LED wait lamp facility for pedestrian push button boxes.

This facility is available as a standard product or as an upgrade kit for existing TSEU (Microsense brand) push button boxes. Upgrade of existing boxes to the same capability with LED illumination can be simply performed on site.

The LED Wait lamp has the full recognition of the UK Highways Agency. It is designed to achieve high contrast illumination of the "WAIT" legend under conditions of direct sunlight while capable of dimming to prevent glare or excess illumination at night. LED illumination offers high lifetimes. Separately driven strings of LEDs allow effective partial operation.

The robust light source gives good resistance to the effects of vandalism. The Microsense LED Push Button Box has been designed to meet the requirements of TR2206, covering all current UK applications using innovative construction techniques. The base and door of the box are cast in aluminium and finished to give a tough, corrosion resistant product. This unit can be used as a direct replacement utilising existing mounting arrangements.



LED illumination gives high reliability, long service life and reduced maintenance costs to the user. If required, the LEDs may be lamp monitored.

Door legends are available to suit 2-man Pedestrian, 3-man Pelican, Toucan and Puffin (both variants).

Access to the interior of the unit is via the hinged door which is secured by a 'T' key lock. The legend panel is secured to the door assembly with a supporting plate which greatly increases the strength of the legend.

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Boxes are supplied with a pre-drilled mounting point, which may be used for a standard audible or Tactile device.

A second mounting point is available for a further Audible or Tactile device, if required. Installed boxes may be upgraded with additional Audible or Tactile devices on site with a minimum of effort.

SPECIFICATIONS:

Housing Material:

Aluminium, alchromed and yellow painted

Overall Dimensions:

35.2 (H) x 22.2 (W) x 13.9cm (D)

Mounting method:

U-bolt supplied as standard with fixing kit

Door Material:

Aluminium - alchromed and black painted

Mounting method:

Attached to base by hinge at bottom (detachable when open) and by 'T' bolt at top. Door movement is restricted in normal use by a polypropylene strap.

Legend panel:

Variants: 2-man Pedestrian, 3-man Pelican and Toucan

LED: 24/48 V lamp monitored

LED: 24/48 V without lamp monitoring

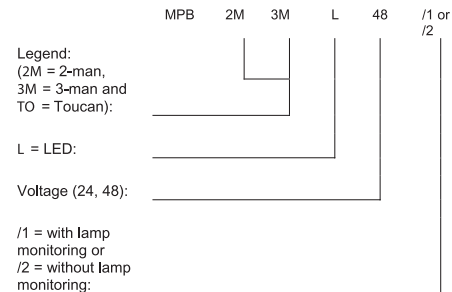
Tactile/Audible Equipment: One pre-drilled mounting point. Second mounting point marked for factory or site drilling.

Terminations:

Mounting points for up to two 6 or 12 way Klippon 'BK' terminal blocks. Two 6 way blocks supplied as standard.

Ordering Information:

For standard push-button applications, order as:



For other applications order as:

Wig-Wag push button box:

MPBWWCB.

Accessories:

Audible buzzer part no. MPB1022

Tactile (230V) part no. MPB1230

Tactile (48V) part no. MPB1048

Upgrade kit - halogen to LED push button:

With lamp
monitoring kit part no. MPBLED48/1

Without lamp
monitoring kit part no. MPBLED48/2

**Please contact the Sales Department
for further details or enquiries about our
product range.**