

MTE

Microsense Tactile Equipment

Features:

- Approved to H.A. specification TR0157
- Power supply is housed in a rugged die cast box
- Designed to withstand the street environment
- Power supply rated to IP52
- Simple retrofit design
- Tactile motor designed to fit all existing push button boxes and puffin demand units
- Compact tactile motor and gearbox
- 2 versions available: 230 VAC for standard sites and 48 VAC for newer ELV sites

The MTE is intended to assist the blind and visually impaired pedestrian to safely cross the highway, at pedestrian crossings.

During the continuous green pedestrian phase of the crossing, the Tactile Unit drives a knurled cone, which protrudes out of the underside of the pedestrian push button box.

The Microsense Tactile Equipment meets the requirements of TR0157. The power supply is housed in a rugged die cast aluminium housing and has all the low voltage connections available on a single barrier-type terminal strip, allowing fast and simple connection of the supply and motor. The power supply also has the facility to be installed with or without an 'audible' supply.



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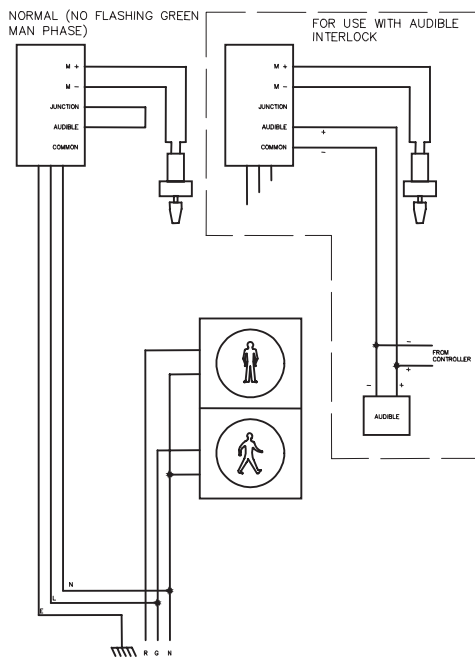
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The tactile motor and gearbox are designed to be fitted into all existing pedestrian push button boxes and will give a tight seal to the outer face of the push button box. Our new smaller and more compact design uses the latest in motor technology, to save space and allow easier connection to the power supply unit.

Note: The Tactile Power Supply Unit and Tactile Unit are only approved for use together. While any Microsense Tactile Power Supply Unit can drive any Microsense Tactile Unit, neither is approved for use with any non- Microsense parts.

Typical Connections:



The Microsense Push Button Box and Puffin Pedestrian Demand Unit, include dedicated terminals for fitting the MTE unit.

SPECIFICATIONS:

Power Supply Unit:

Material:

Aluminium, no paint or finish

Overall dimensions:

55mm(H) x 65mm(D) x 140mm(W)

Weight:

0.5Kg

Mounting method:

Fastenings supplied as standard with fixing kit.

Operating voltages:

230 V version - 95V – 275 VAC

48 V version - 20V- 58 VAC

Power consumption:

1W operating

10W maximum

Power lead length:

1.4m

Tactile Unit:

Overall dimensions:

110mm(H) x 55mm(D) x 72mm(W) (including mountings and leads)

Weight:

0.2Kg

Mounting method:

Fastenings supplied as standard with fixing kit.

Maximum operating voltage:

48 V DC.

Description	Order Code
230V PSU & Motor/Gearbox	MPB1230
48V PSU & Motor/Gearbox	MPB1048
230V PSU	TAC0092-230V
48V PSU	TAC0092-48V
Motor/Gearbox	TAC00922040

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