

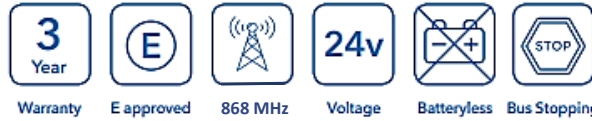
Wireless Bell Push

~420 Series



BMAC[®]
A Methode Electronics Company

868 MHz – a Global ready frequency



BMAC Wireless Bell Push products are available in several housing / button colour variants, and button types. Please enquire for more details.



Product Features:

- Wireless and battery-less Bell Push
- No cables
- Less additional weight
- Eliminates long periods of the vehicle off the road tracing wiring faults
- Innovative range of products designed to comply with European EMC directive
- Button characters are in braille
- 3-year warranty
- Suitable for 30mm and 35mm handrails
- Single receiver to interface with vehicle electrical system

LEADERS IN ROAD & RAIL LIGHTING SOLUTIONS

In our chosen sectors, we are one of the leading UK based manufacturers of exterior and interior lighting and associated electrical equipment

90 YEARS WORKING WITHIN THE ROAD AND RAIL TRANSPORT INDUSTRIES

We design and manufacture our lighting and electronic control systems in a modern office/manufacturing facility, located close to Manchester in North West England.

BESPOKE DESIGN

BMAC's engineering resources, combined with the extensive experience over the last 50 years of design collaboration with major rail vehicle builders and operators

BMAC Limited, Units 13 – 14 Shepley Industrial Estate South, Shepley Road, Audenshaw, Manchester, M34 5DW, UK

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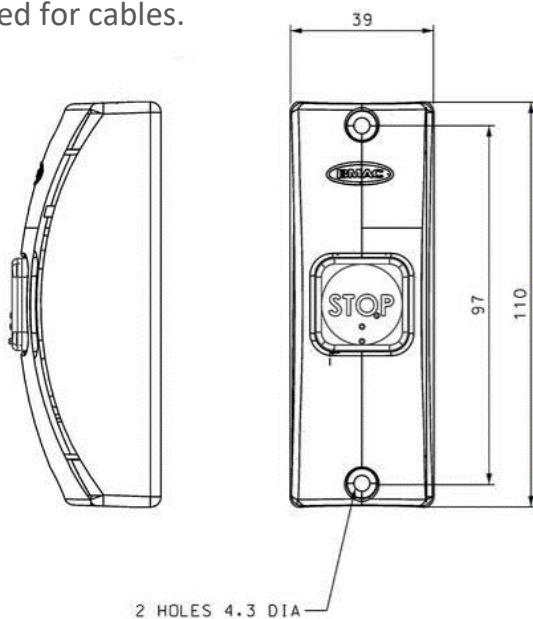
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Concept:

The 868MHz Wireless Bell Push uses radio transmission to communicate between a passenger bell push and the vehicle mounted receiver. This system features the latest technology operating within a Globally accepted wireless transmission frequency.

The wireless bell push unit can be mounted on to internal handrails and can be adapted to be secured to fit on to flat side panel surfaces.

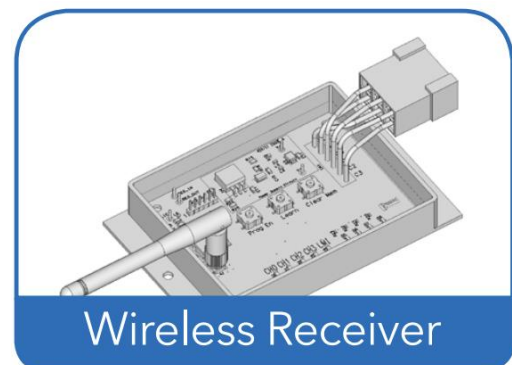
This system incorporates no wires and no batteries. This innovative arrangement interfaces with the vehicle's electrical system, completely eliminating the need for cables.



Functionality:

When the Bell Push is pressed, this triggers the energy conversion device which generates a short pulse of electrical energy. This is sufficient for the radio transmitter to transmit a short telegram of information to the receiver. On installation in the vehicle, each Bell Push is assigned to a specific channel on the receiver (wireless receiver modules are available in a standard 30-channel or a 100-channel receiver).

When the receiver detects a Bell Push has been pressed, it sends a signal to the vehicle's electrical system giving details of the operation of a button being pressed and its location on the vehicle. Each channel can be allocated to a specific zone on the vehicle, allowing the vehicle to be partitioned into separate areas. Typically, this would be upper deck, lower deck, and wheelchair request.



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