

Wireless Bell Push



Feature

- Safety and rider experience disruptor
- Wireless and battery-less bell push - energy conversion technology
- 2.4GHz - a global ready frequency
- Eliminates the need for cables - no additional weight
- OEM benefit - no wiring installation in each bus, saving time and expense
- Eliminates long "vehicle off road" time in finding chaffed wire failures
- Single receiver to interface with vehicle electrical system - easily and quickly programmable (no software downloads)
- Unique 32-bit module identification code - no vehicle cross-talk
- Exclusive design - stylish slimline appearance

Wireless and battery-less.

Uses radio transmission to communicate between a passenger bell push and the vehicle mounted receiver.



Concept

The 2.4Ghz 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 is designed to be mounted vertically or horizontally on the handrail of the vehicle.

NO WIRES. NO BATTERIES.

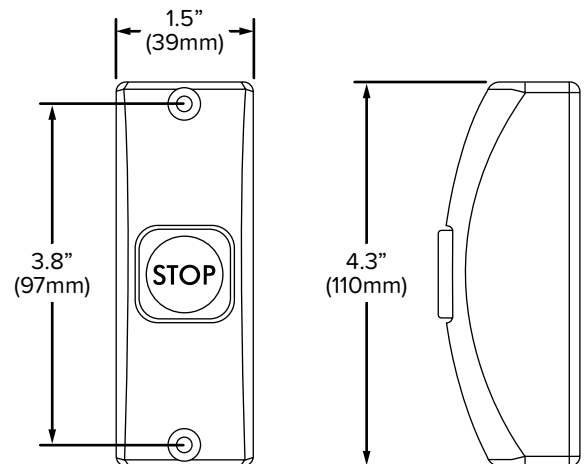
This innovative arrangement interfaces with the vehicle's electrical system, completely eliminating the need for cables.



Functionality

When the bell push is pressed, the energy conversion device is triggered 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.

Part #	Description
30000	2.4Ghz Wireless Bell Push Receiver Module 30 Channel
30004	2.4Ghz Wireless Bell Push Receiver Module 100 Channel



Part #	Description	Button
30001	Wireless Bell Push Grey Housing Red Button	STOP
30002	Wireless Bell Push Gold Housing Red Button	STOP
30003	Wireless Bell Push Yellow Housing Blue Button	WHEELCHAIR