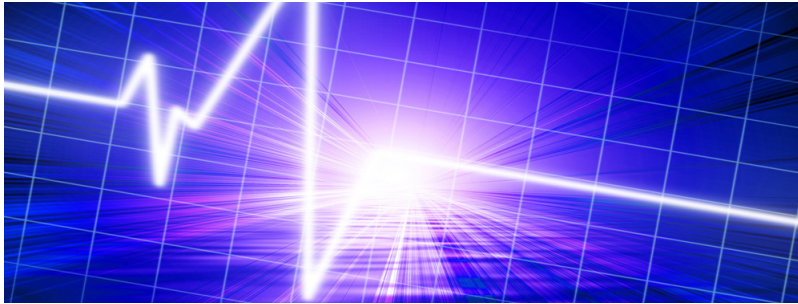


JWS 868MHz Secure Encrypted Receiver



Designed, manufactured & supported in the UK & EU



FEATURES:

To use in conjunction with wireless Touch Sensors and / or Handheld transmitters - up to 7 Touch Sensors per receiver; each has to be locked to the receiver. The receiver will not respond to any other transmitter and complex algorithms ensure total security.

The receiver can be both mounted externally or internally within a door operator. (boxed option available). The on-board relay can be used to trigger a door operator, access control system, sounder and many other applications.



868MHz

Dimensions 61 x 36 x 15mm



Latched, 1, 5 or 30 second relay function

Sending a Secure 868MHz signal up to 50m Internally and 100m externally

ADVANTAGES OF SECURE 868MHz WIRELESS TECHNOLOGY

JWS 868MHz receivers have the following features (433MHz units do not***)

- * SECURE ENCODING: YES
- * TRANSMIT / RECEIVE LOCK : YES
- * *TETRA IMMUNE: YES
- * UNIQUE CHANNELS: YES
- * **AMATEUR RADIO IMMUNE: YES
- * TRANSMIT BATTERY MONITOR: YES
- * LONGEST RANGE :YES

* TETRA is the name given to a network (Trans European Trunked Radio) of base stations and mobile handsets. The signal strength has caused serious interference problems with wire free products such as bell chimes, car alarms and burglar alarms.

TETRA operates on frequencies between 410 and 430MHz, adjacent to 433MHz.

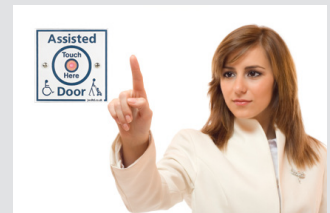
** Amateur radio transmitters also operate on this frequency with power levels of up to 400 watts. This is 40,000 times more power than the 433MHz radio remote devices. JWS wireless systems operate on the newly defined SRD band at 868MHz.

*** For comparison purposes 433MHz relates to a wire free doorbell based system.

How Touch Sensors work

Touch Sensors require no physical pressure to operate which make them ideal for users with physical disabilities.

The signage design incorporates a static or flashing Ultrabrite LED whilst also providing a suitable colour contrast. These features make it suitable for users with visual impairments.



Touch Sensors can be used as an environmentally friendly alternative to infrared sensors reducing false triggering whilst enhancing the door and operator life expectancy.

Specification

- Isolated (volt free) relay contacts
- Use in conjunction with the JWS Wireless Touch Sensor / Transmitters.
- Secure encrypted 868MHz wireless technology
- 'Transmitter Battery Status' indicator.
- Operating voltage: 7-30v DC.
- Operating Range: Up to 50m internal / up to 100m external

Options:

RXPCB - Receiver PCB complete with adjustable relay and self adhesive mounting pillars.
Dimensions 70 x 35 x 15mm

RXBOX - Boxed receiver PCB



Dimensions: 75 x 35 x 30mm
Material: ABS Plastic

RXBZZ- Boxed receiver / sounder for use with TXHELP systems and other applications

