



**Handheld Transmitter**  
74.7 x 44.1 x 18.2 (mm)  
( just bigger than a box of matches)

## OVERVIEW

JWS introduce their new secure 868MHz handheld transmitters. They can be used on their own or alongside existing JWS wireless Touch Sensors.

Available with 1 or 2 buttons as a 1 or 2 channel transmitter for use with a 1 or 2 channel JWS receiver (RXPCB).

As with all JWS 868MHz equipment each transmitter is locked to the receiver. The receiver will not respond to any other transmitter ( unless programmed to do so ) and complex algorithms ensure total security.

## FEATURES

Life expectancy of up to 150,000 operations from a single coin battery cell (supplied )

Activation LED on key press

Battery can be changed easily without tools

## SPECIFICATION

Operating Frequency / Technology:  
868MHz (Secure Encrypted)

Ergonomic enclosures in ABS  
(UL 94 HB)

Pocket size:  
74.7 x 44.1 x18.2 (mm)

Models with 1 or 2 push-buttons  
( 1 or 2 channel )

3v 'coin' battery cell

Activation LED (window in top)

Simple clip-together assembly  
(no screwdriver needed)

Case colour:  
Dark grey RAL 7016

Push-buttons:  
Black RAL 9004

JWS Printing and special colours on demand

## ADVANTAGES OF JWS SECURE 868MHz WIRELESS TECHNOLOGY

JWS 868MHz equipment has the following features (433MHz units do not\*\*\*)

**SECURE ENCODING: YES**

**TRANSMIT / RECEIVE LOCK : YES**

**TETRA IMMUNE: YES \***

**UNIQUE CHANNELS: YES**

**AMATEUR RADIO IMMUNE: 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.