



C PROX TS-SQ-SG Door Assist Button Instruction Manual

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C PROX TS-SQ-SG Door Assist Button



Product Information

The SQUARE & SINGLE GANG Manual is a proximity switch designed for activation and access control. It features a hard-coated, scratch-resistant, anti-reflective, and anti-microbial Steritouch acrylic label. The entire label is sensitive to touch. The product is manufactured by Quantek and can be found at www.quantek.co.uk. For further assistance, you can contact their customer support at 01246 417113.

Wiring Diagrams

- Hardwired sensor wiring with normally open contacts: 0V return, 12-28Vdc NO activate
- Hardwired sensor wiring with normally open contacts: +V return, 12-28Vdc NO activate

Radio Programming (RX-2 Receiver)

1. Supply the receiver with 12/24Vdc power. The power LED will light up if powered correctly.
2. Wire relay outputs to activate terminals on the system using clean, normally open contacts.
3. Press and release the learn button on the receiver. The learn LED will light up for 10 seconds.
4. Within the 10 seconds, operate the touch sensor to program it.
5. The learn LED will flash to confirm that the touch sensor has been programmed.

Note: Standard touch sensors program to channel 1. If you need to program them to different channels, you will require the RX-T receiver. It is also possible to program handheld and desk mount transmitters (CFOB, FOB-M, FOB4-M, DDA1, DDA2) into this receiver using the same method. Refer to the transmitter box for more details.

To reset the receiver, press and hold the learn button for 10 seconds until the learn LED starts flashing. This will delete the memory.

Product Specifications

- Radio Specification:
 - Frequency: 868MHz

- Battery Type (Square): 4 x AA batteries
- Battery Type (Single Gang): 4 x AAA batteries
- Approximately 100,000 operations
- Sounder & green LED activate on operation
- Battery-saving design, unit will only activate once if hand left on
- Receiver Specification:
 - Power Supply: 12/24Vdc
 - Frequency: 868MHz
 - Channels: 2
 - Relay Rating: 1A 24Vdc normally open contacts
 - Momentary/bi-stable selectable relays
 - 200 code memory
 - Dimensions: 65 x 50 x 30 mm

Dipswitch Settings

	ON	OFF
1	CH1 – Bi-Stable	CH1 – Momentary
2	CH2 – Bi-Stable	CH2 – Momentary

Note: Matching screw cover stickers are supplied as an optional feature for aesthetic purposes. If required, they should be affixed after the unit has been installed. To affix them, simply peel off the yellow adhesive backing and stick them over the two screws.

They can be easily removed with a knife for battery changes. Spares are also supplied, these should be left inside the unit.

Product Usage Instructions

1. Ascertain the desired fixing height for the proximity switch.
2. Use the box to mark the four fixing points on the wall.
3. If hardwiring, use the knockout and place the cable through it.
4. Secure the box to the wall using 4 x No8 (4mm) screws.
5. Make the necessary connections as per the wiring diagrams. Avoid leaving excessive cable in the back box.
6. If using a battery, connect the battery clip and place the battery holder in the marked compartment.
7. Program the proximity switch into the receiver according to the instructions provided on the next page.
8. Place the signage plate back into the box and insert the two screws. Do not over tighten the screws.
9. Adjust the sensitivity dip-switches as needed.
10. Configure any additional settings such as LED color and timer if required.

Note: If using a square illuminated unit, connect the LED wires to the terminals marked on the large outer LED panel PCB instead of the touch sensor PCB.

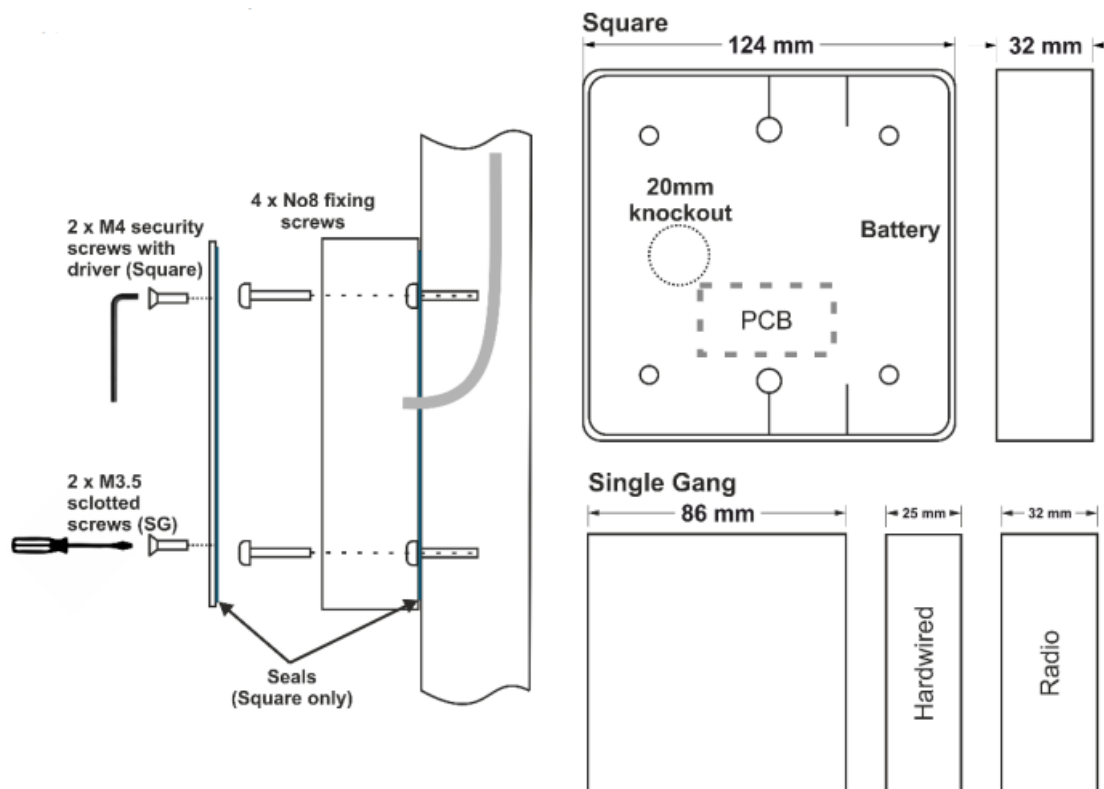
Proximity switch for activation and access control

Hard coated, scratch resistant, anti-reflective, anti-microbial Steritouch acrylic label Entire label is sensitive
www.quantek.co.uk 01246 417113

- Ascertain fixing height. Use the box to mark the four fixing points.
- Use knockout and place cable through if hardwiring.
- Secure box to the wall with 4 x No8 (4mm) screws.
- Make connections (see below, do not leave excessive cable in the back box), or connect battery clip and place battery holder in the marked compartment, then program into the receiver (see next page)
- Place signage plate back into the box and insert the two screws.
- Do not over tighten screws!

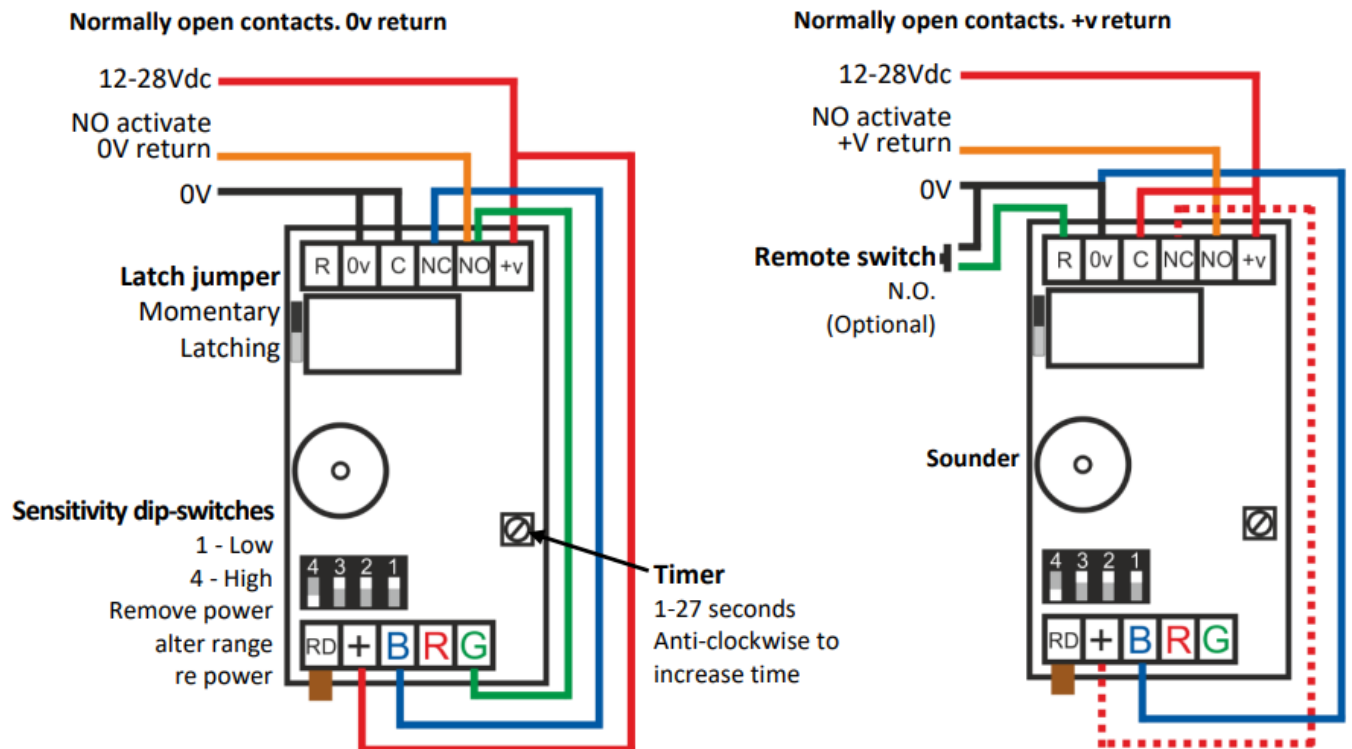
Hardwired specification

- 12 – 28Vdc 8mA (standby) / 35mA (max) +18mA LEDs
- Sensitivity – Touch – up to 70mm Selectable red, green, blue LEDs S ounder on activation
- Timer 1 – 27 seconds
- Latching function



Wiring diagrams

Hardwired sensor wiring. Alter LED colour configuration as required.



Note: Never connect anything to RD terminal

If using a square illuminated unit, connect the LED wires to the terminals marked on the large outer LED panel PCB, instead of the touch sensor PCB

Radio programming (RX-2 receiver)

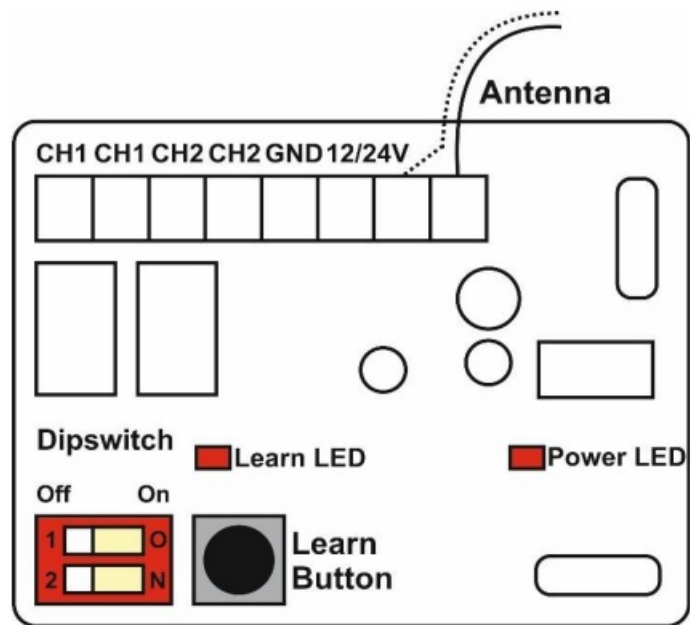
- Supply receiver with 12/24Vdc, power LED will light if powered correctly
- Wire relay outputs to activate terminals on the system (clean, normally open contacts)
- Press and release the learn button, the learn LED will light up for 10 seconds
- Within the 10 seconds operate the touch sensor
- The learn LED will flash to confirm it has programmed
- Note: Standard touch sensors program to channel 1. The RX-T receiver will be required if you need to program them to different channels.
- It is also possible to program our handheld and desk mount transmitters (CFOB, FOB-M, FOB4-M, DDA1, DDA2) into this receiver using the same method. See transmitter box for more details
- Reset: To reset the receiver, press and hold the learn button for 10 seconds until the learn LED starts flashing. After this the memory will be deleted

Radio specification

- 868MHz
- 4 x AA batteries (Square)
- 4 x AAA batteries (SG)
- Approximately 100,000 operations
- Sounder & green LED on activation
- Battery saving design, unit will only activate once if hand left on

Receiver specification

- 12/24Vdc supply
- 868MHz
- 2 channels
- 1A 24Vdc normally open contacts Momentary/bi-stable selectable relays 200 code memory
- Dimensions: 65 x 50 x 30 mm



Dipswitch settings		
	ON	OFF
1	CH1 - Bi-Stable	CH1 - Momentary
2	CH2 - Bi-Stable	CH2 - Momentary



Note:
Matching screw cover stickers are supplied as an optional feature for aesthetic purposes. If required, they should be affixed after the unit has been installed. To affix them, simply peel off the yellow adhesive backing and stick them over the two screws. They can be easily removed with a knife for battery changes.
Spares are also supplied, these should be left inside the unit.

Documents / Resources



[C PROX TS-SQ-SG Door Assist Button](#) [pdf] Instruction Manual
TS-SQ-SG Door Assist Button, TS-SQ-SG, Door Assist Button, Assist Button, Button

References

-  [Access Control, Automatic Doors, Gates, Barriers, Garage Doors & Shutter Equipment](#)
-  [Access Control, Automatic Doors, Gates, Barriers, Garage Doors & Shutter Equipment](#)

Manuals+.