



WCHTX Manual

Wireless wheelchair sensor

Radio touch sensor, for attachment to wheelchairs, allowing users to open automatic doors with minimum effort via simplest of touch / 10mm proximity.

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- 868MHz
- Attach to wheelchair by: - Double sided - Velcro - Cable Tie
- Attach battery pack to base cover of wheelchair (Double sided)
- 1.5m battery pack lead, (can cut down to relevant length)
- The simplest of touch - 10mm proximity
- Dimensions: 71 x 44 x 23 mm
- Change batteries approximately once a year - (4x AA+ batteries)

Installation:

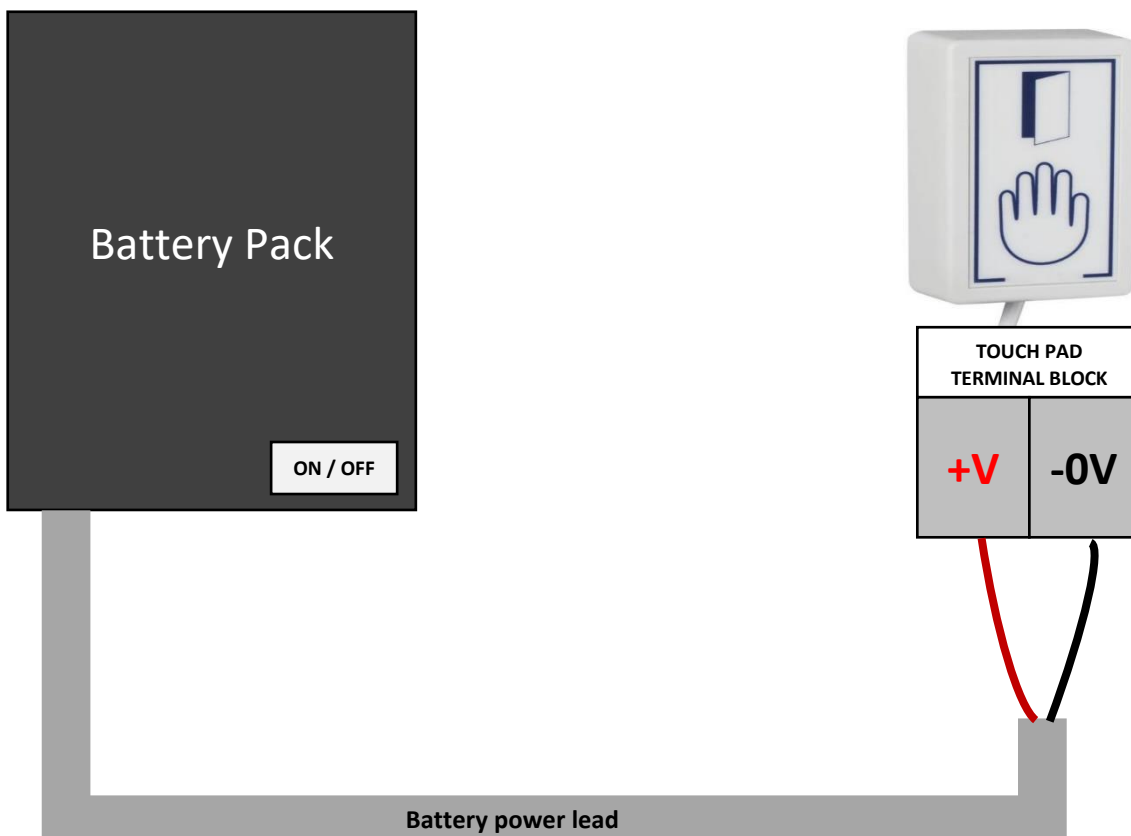
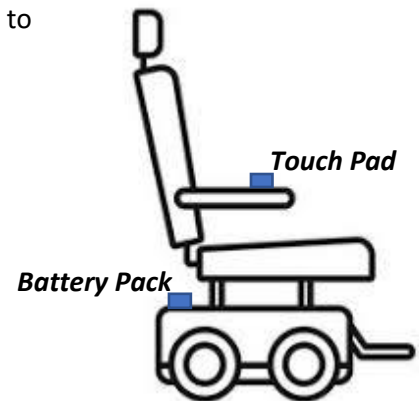
Ascertain the mounting position of both the battery pack and touch pad. Carefully measure the 1.5m battery power cable to suit the relevant distance (from the battery pack to the touch pad), before cutting down to length where necessary.

Once the required length has been determined, wire the battery lead's **RED (+)** and **Black (-0v)** wires into the touch pad's connector block marked; **+V** and **-0V** respectfully.

Secure the power cable within the touch pad by tightening the white cable-tie supplied.

Affix your choice of 'sponge adhesive' or 'Velcro' to the back of both the battery pack and touch pad, before finally mounting both to the designated areas of the wheelchair. (Both, sponge & Velcro are peel back, ready to stick adhesive).

Once installed, remember to turn on the battery pack via the ON/OFF switch located on the face of the battery pack.



Radio programming

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

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

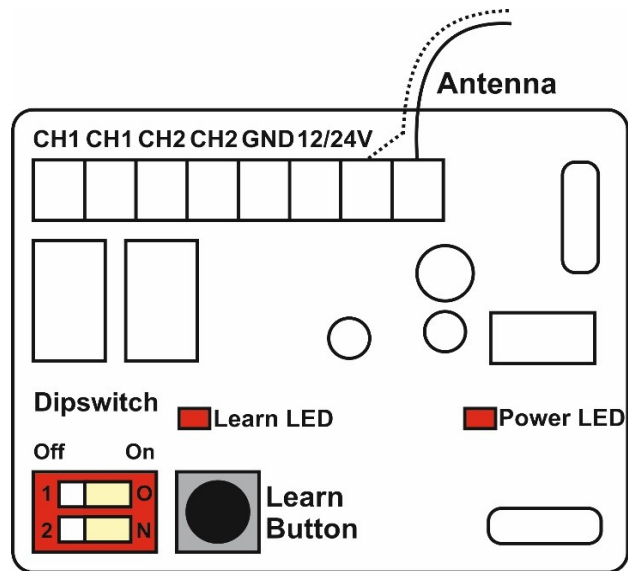
2 channels

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