

Universal Transmitter MPPL-TXU

Installation Manual

Unclip the front from the back part of the housing, carefully remove the pcb and fix the rear of the housing in the position required. The unit should only be used indoors. Connect a 9V PP3 battery and replace the front of the housing. (It is recommended that you change batteries every 6-12 months).

The unit should be mounted next to the frame of the door/window. If the built-in reed switch is to be used, then the magnet should be mounted on the door/window frame adjacent to the arrow mark on the housing. Ensure that when the door or window is closed, the distance between the MPPL-TXU and the magnet is not greater than 10 mm. If an external set of magnetic contacts is to be used with the unit, or some other sensor, punch a hole in the side of the housing and connect the reed switch part of the set to the terminal blocks and align it to the magnet as above. **One the unit has been mounted in the desired location, slide the switch on the side of the unit DOWN to turn battery power on.**

When you open the protected door/window, the sensor will activate and send an RF signal on Channel 1. If this does not happen, check that the distance between magnet and reed switch is no greater than 10mm.

Jumper Settings:

Jumper 1 (J1) – This selects Sensor Low Battery indication On or Off. The default setting is On, (with the link fitted). Remove the link on J1 to select Low Battery Indication OFF. If low Battery detection is On, then, when the battery reaches around 6.9V, the sensor will send a transmission on Channel 3 (repeated every 6 hrs) and it's LED will start to flash slowly, every 10 seconds. You should change batteries immediately.

Jumper 2 (J2) – This selects whether the Sensor will transmit on Channel 1 or Channel 2. The default setting is Channel 1 with no link fitted. Place the link over Jumper 2 if you wish the sensor to transmit on Channel 2.

Jumper 4 (J4) – This selects whether the unit will trigger with a Normally Closed or Normally Open set of external sensors. The default setting is Normally Open with no link fitted. Most sets of magnetic door contacts are closed whereas pressure pads are Normally Open. Place the link over Jumper 4 if you are connecting a Normally Closed Sensor to the unit's built-in terminal block.

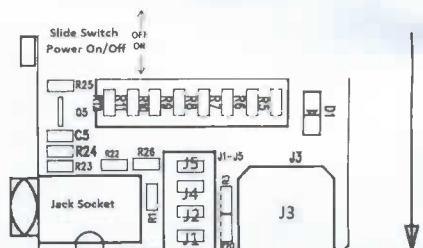
Jumper 5 (J5) – This selects Power Save Mode On or Off. The default setting is Off with no link fitted. With the power save mode off, the sensor's LED will light up and the sensor will transmit when the protected door/window is opened. With power save mode On, the sensor will still transmit, but with no LED lighting up, thereby increasing battery life. Place the link over Jumper 5 to select Power Save Mode On.

Note that J3 is the internal terminal block to which a set of external magnetic contacts or other sensors, such as pressure pads, can be connected (See below)



The Slide Switch turns battery power On/Off. Slide DOWN to turn power on and Up to turn power Off.

The small jack socket on the side is for use as a further, optional, trigger input. A change of voltage from low to +3V via any inserted mini jack plug will cause the unit to transmit.



NB Additional Doors/Windows can be monitored using extra sensor sets with a single transmitter. If more than one pair of magnetic sensors are used, wiring of the sensors to the internal terminal block must be in series

