

## WIRELESS SAFETY EDGE TRANSMITTER & RECEIVER

Refer to diagrams overleaf

Please refer to installation manual for detailed instructions and specifications

1. Fix the transmitter to the door or gate, connect the safety edge, if using a 8.2K resistive edge ensure jumper JP4 is open, if using a safety edge with normally closed contacts ensure JP4 is bridged.
2. Fix the receiver in position ensuring it is within 10 metres of the transmitter avoiding metallic obstacles between receiver and transmitter.
3. Connect a 12 or 24 volt ac or dc power supply to terminals 1 & 2, if the supply is dc ensure positive is connected to terminal 1.
4. Connect the relay R1, terminals 3 & 4 to the closing 8.2K resistive safety edge or closing safety contact input on the control panel ensure that the CS1 BS1 jumper is set correctly, BS1 if connecting to the 8.2K resistive safety edge input or CS1 if connecting to the normally closed (N.C) safety input.
5. If an opening safety edge is also being used connect relay R2, terminals 5 & 6 to the opening 8.2K resistive safety edge or opening safety contact input on the control panel ensure that the CS2 BS2 jumper is set correctly, BS2 if connecting to the 8.2K resistive safety edge input or CS2 if connecting to the normally closed (N.C) safety input.
6. Autotest, if autotest is not being used ensure the ATEST POL jumper is not bridged and skip this section. Check the auto-test output from the control panel in standby if it is 0V ensure the ATEST POL jumper is not bridged, if the auto-test output in standby is 12 or 24V ensure the ATEST POL jumper is bridged. Connect the autotest common (COM), terminal 5 to autotest common input on the control panel, connect ATEST 1, terminal 8 to the ATEST input on the control panel if you are using Relay 2, R2 then also connect ATEST 2, terminal 9 to the control panel ATEST input, do not connect ATEST 2 if Relay 2 is not being used.
7. Up to 6 transmitters can be used with the receiver, 3 on each relay.

To program the transmitters into the receivers memory to operate Relay 1 press the **receivers** programming button PROG for 1 second, an audible signal will be heard, release the PROG button, the B1 LED will be on now press the **transmitter** PROG button, the receiver will give an audible signal confirming it has learned the transmitters code. If 10 seconds pass without a transmitter being programmed the receiver will exit programming mode.

To program the transmitters into the receivers memory to operate Relay 2 press the **receivers** programming button PROG until the B2 LED lights, release the PROG button now press the **transmitter** PROG button, the receiver will give an audible signal confirming it has learned the transmitters code. If 10 seconds pass without a transmitter being programmed the receiver will exit programming mode.

To erase all of the transmitters from the receivers memory press and keep pressed the receivers PROG button and bridge the MR reset jumper for 3 seconds.

### Status indicator LED's B1 (Relay 1) & B2 (Relay 2)

ON indicates the relay is activated

OFF indicates the safety edge is connected to the transmitter and the transmitter and receiver are communicating

If a relay is not being used (no transmitters programmed to that channel) the corresponding LED will be ON

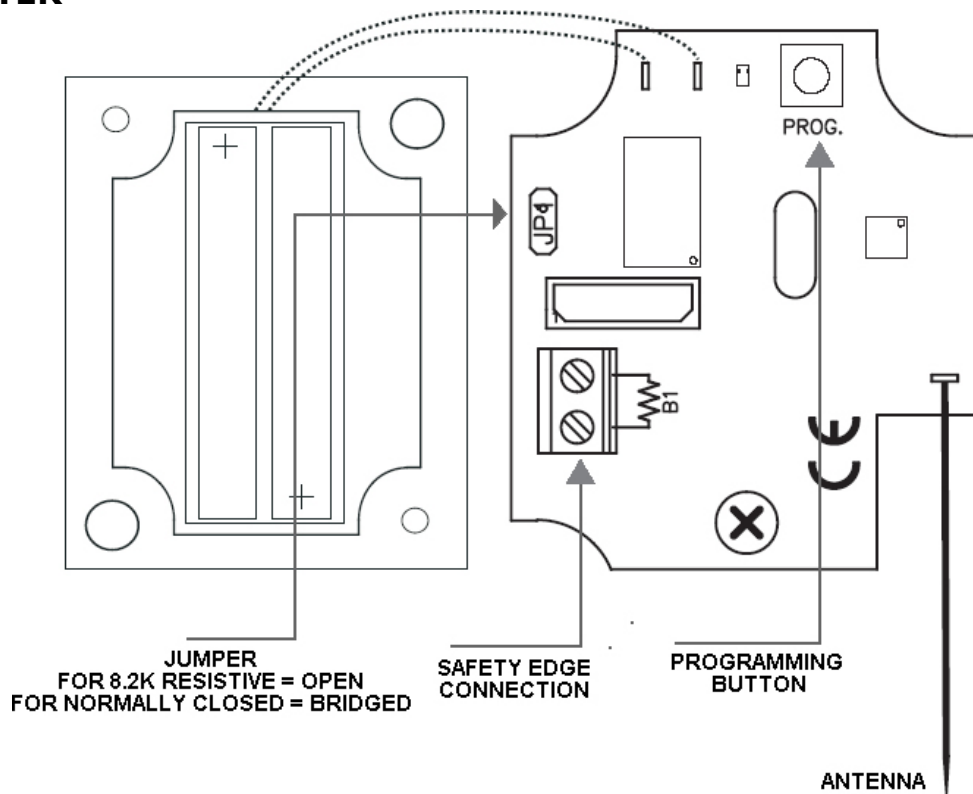
**Signal strength test**, press the CHECK button on the receiver until an audible signal is heard, release, now activate the safety edge connected to the transmitter you wish to test, the CHECK LED will flash indicating the signal strength, 1 flash very weak up to 5 flashes very good. To exit the test press the CHECK button.

**Transmitter battery low indicator**, when the battery of a transmitter programmed into the receiver becomes low, the receiver will emit 4 short audible signals every 20 seconds, if more than one transmitter is programmed into the receiver to determine which transmitters battery is low, activate the safety edge connected to it, if the battery is low the receiver emits 4 short audible signals when the safety edge is activated.

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# TRANSMITTER



# RECEIVER

