



SeceuroSense Plus

Easy Setup Guide



May 2021

Looking for a quick setup up guide?

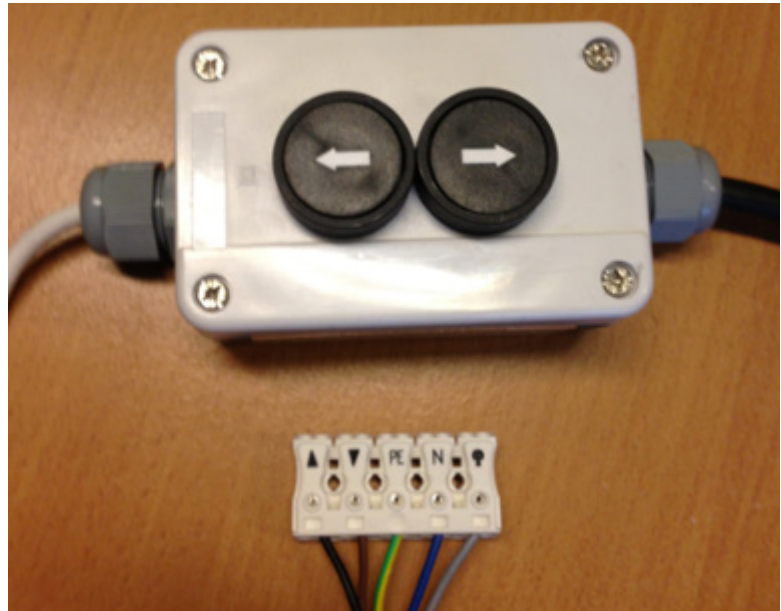
There is lots of useful information in this book, but if all you are after is quick set up look for the following headings:

- Setting limits
- Powering the board up
- Pairing the bottom slat transmitter
- Adding a transmitter

Setting limits

A test lead should be used to set the limits before wiring in the receiver

- Connect motor test lead to motor cable
- Use test lead to set spring tension
- Set limits
- Problem solving



Front cover diagnostic

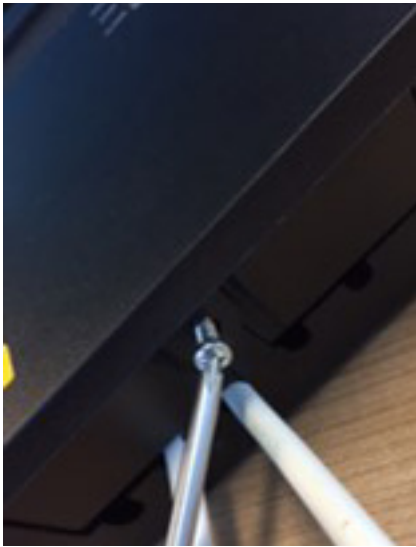
1. Photo beam activation
2. Bottom slat transmitter fault
3. Stop signal
4. Low battery
5. Panel locked out
6. Alarm activated
7. Power indicator and mode activation



Removing the light cover

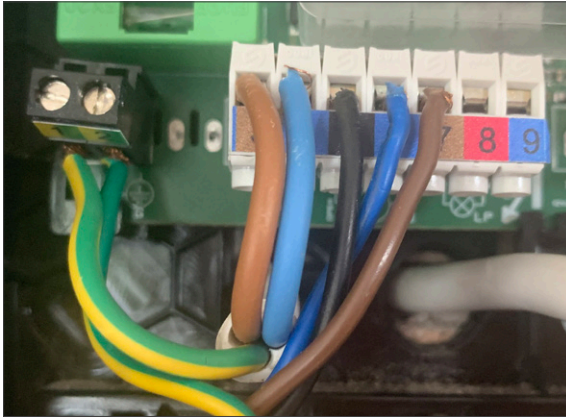
Allows access to the boards

- Remove the small screw at the base the unit
- Lift upwards
- Remove the black plastic from the built in LED light when ready to commission the door

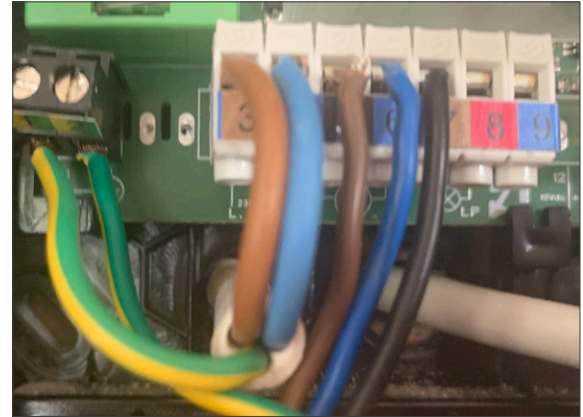


Powering the board up

Left hand motor



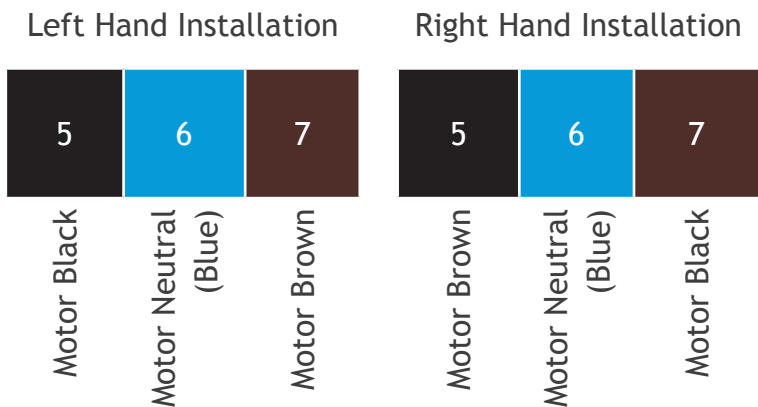
Right hand motor



Once you have set your limits with the test lead connect the motor cable to the receiver

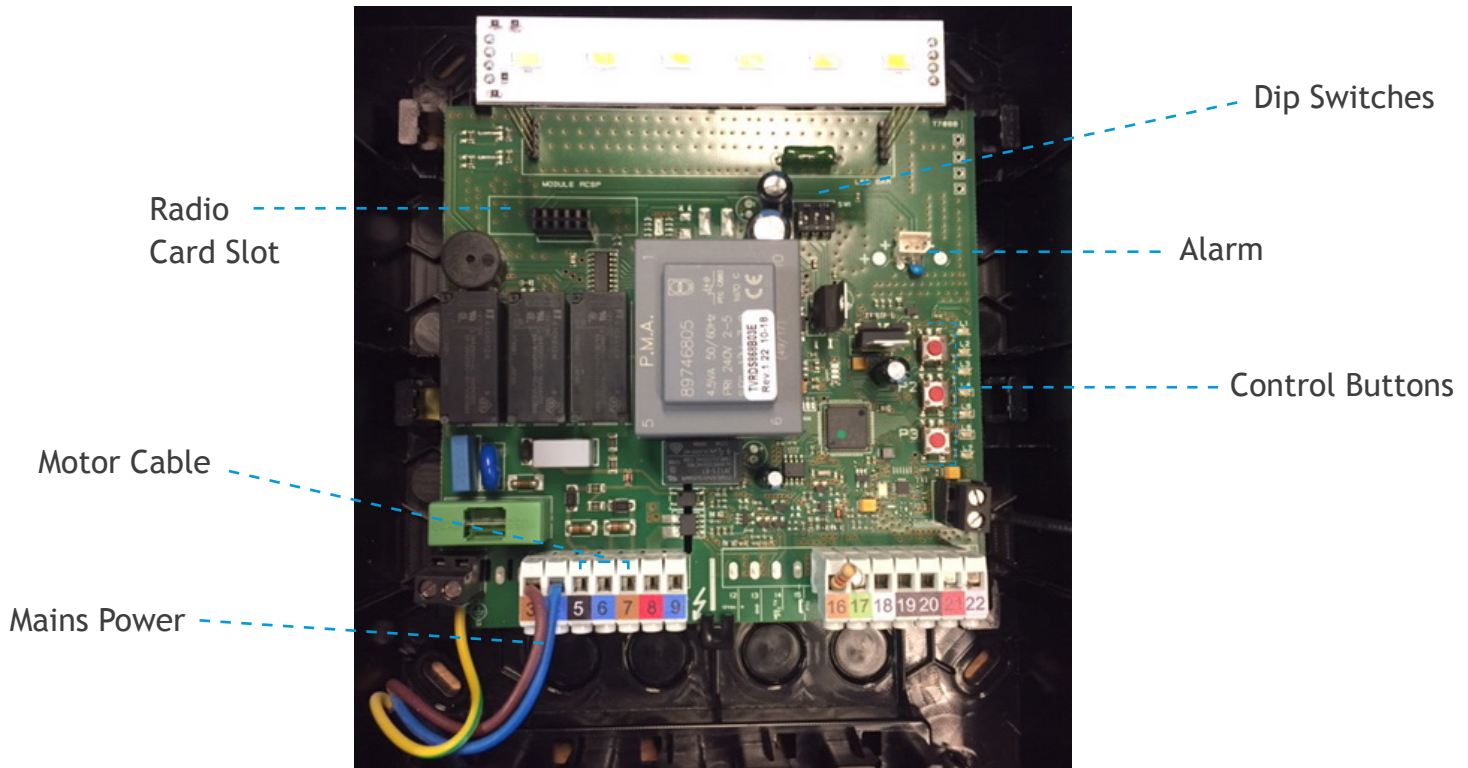
NOTE: First operation of the garage door is always in the up direction

Motor / Controller Connections



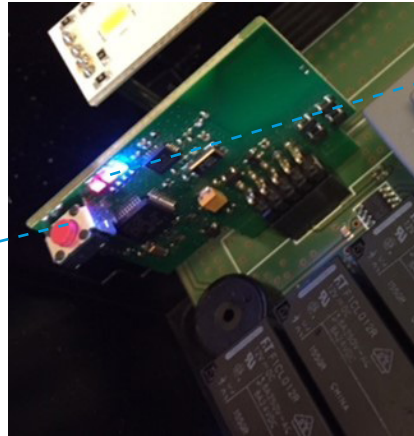
If the door is travelling in the wrong direction - Black and Brown swap them round!

Knowing your way around the receiver



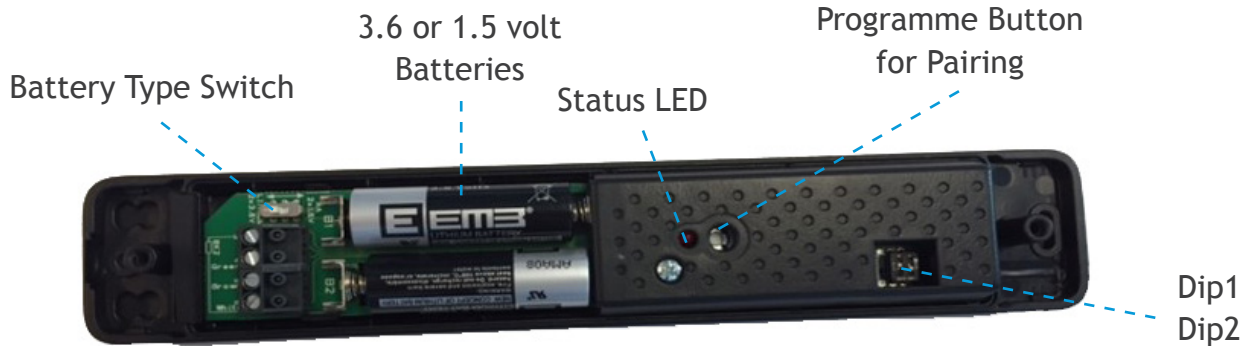
Radio Card

Pairing Button



Status LED

New 3.6 volt & 1.5 volt bottom slat transmitter

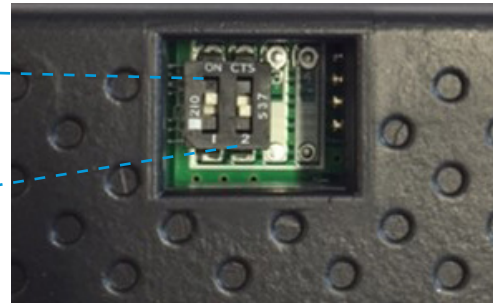


- Ensure that you have chosen the correct battery and switch setting.
- Pairing the BST to the Radio card must be done when the front cover is fitted.

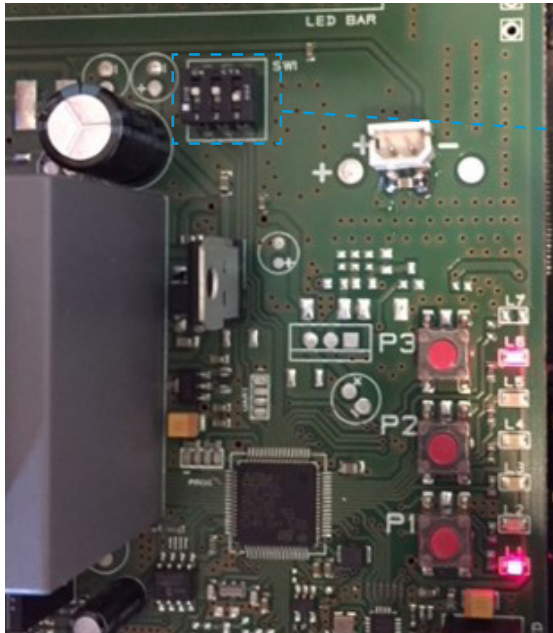
Dip switches on bottom slat transmitter

Dip switch 1 should ALWAYS be on

Dip switch 2: On = System test
(times out after 30 secs)



Dip switches on receiver



- The receiver has three dip switches.
- For wireless operation, dip switch 1 and 2 should always be on (in the up position).
- Dip switch 3 is user settable (auto return time on/off).

What do the dip switches do?

Dip switch 1

On = wireless edge **Off** = wired edge

To change the board setting from wireless to wired:

- Switch power off
- Switch power back on
- Move dip switch to required position
- Press and hold the “P2” button for 5 seconds to confirm the setting

Verification

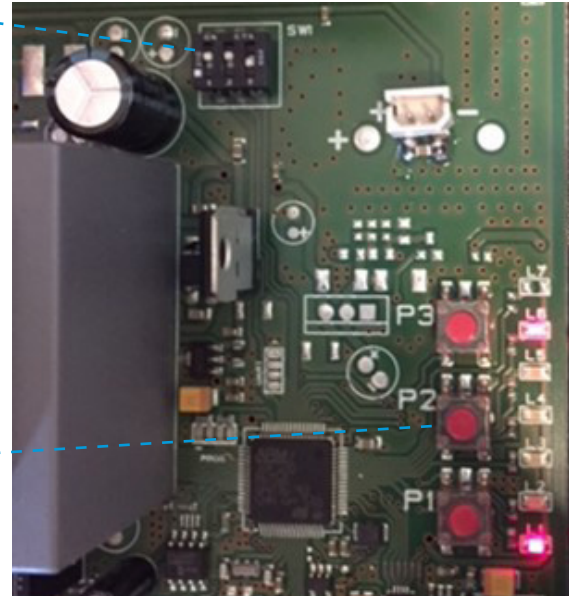
- 6 beeps = programmed for wired edge
- 7 beeps = programmed for wireless

Dip switch 2

Can be used to put the door into hold to run when in the down position.

Dip switch 3

Auto close activated when in the up position.



So, the board has power, limits have been set, now what?

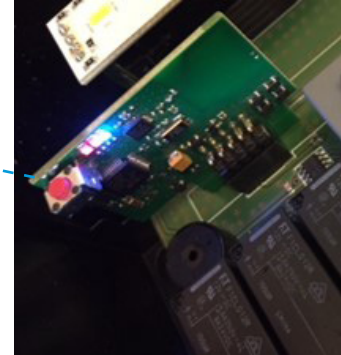
2 very simple tasks!

1. Pair the bottom slot transmitter to the receiver
2. Code in your transmitters

Pairing the bottom slat transmitter

Action

- Press red “P” button on radio card for 2 seconds
- Press “P” button on bottom slat transmitter for 2 seconds



Verification

Blue light on radio card will start to flash

To check if its paired

- Press and hold the “P” button on BST
- Solid red LED on the BST = Paired
- Flashing LED on the BST = Not paired (leave cover on the BST while pairing)



Replacing the cover



Remove black
protective strip
from the LED light



Testing the bottom slat transmitter and wiring

The bottom edge can be tested to confirm if the wiring and bottom slat transmitter are functioning correctly.

- Put dip switch 2 on
- Within 30 seconds squeeze firmly the bottom edge rubber
- The red light will activate upon each squeeze
- Return dip switch 2 to the off position



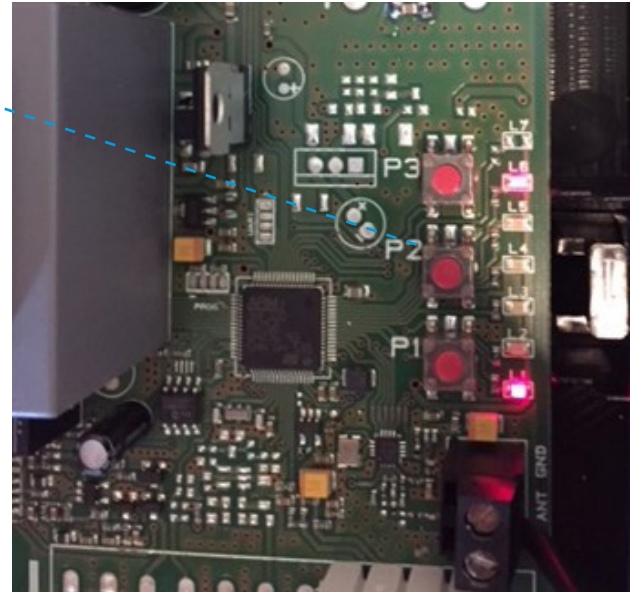
Important

This function will time out after 30 seconds so if the time has elapsed put the switch off and on again.

If the red light illuminates on its own there is an issue with the safety edge. Refer to trouble shooting on page 45.

Entering program mode

- Press the STOP (P2) button to enter the programming mode.
- Press 5 times and hold on the 5th
- Release after the beep and LED 7 starts to flash



The P2 button modes

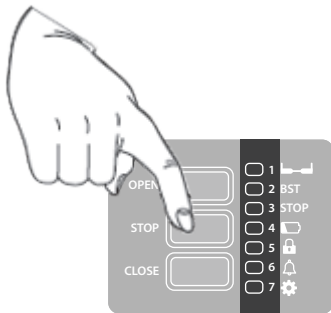
- Mode 1: 1 press = Remote operates as up/stop/down all on one button
- Mode 2: 2 presses = Remote operates as up on one button/down on another button
- Mode 3: 3 Presses = Allows a channel on the remote to toggle lights on and off
- Mode 4: 4 presses = Deletes a single channel/button
- Mode 5: 5 presses = Deletes all channels/buttons
- Mode 6: 6 Presses = Codes in a 4 channel remote as up on one button, down on another plus adds a light button and stop button
- Mode 7: 7 presses = Used to code in a bi-directional remote control Hand set
- Mode 8: 8 presses = Used to code in an alarm
- Mode 14: 14 presses = Used to switch on bi-directional

Adding a transmitter

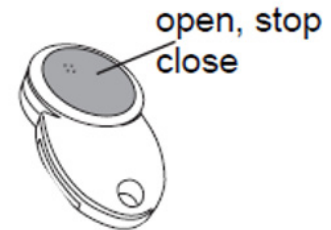
- Enter the programming mode.. (press Stop (P2) 5 times and hold until LED 7 starts to flash)
- Mode 1 - Up/stop/down

Action

- Press “STOP” button on receiver once and hold (long beep)
- Press button on transmitter (short beeps)



Beep ...Beeeeep

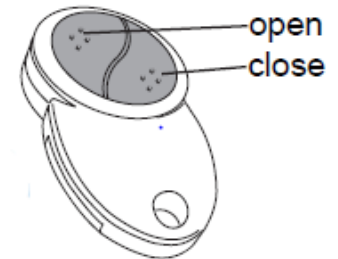
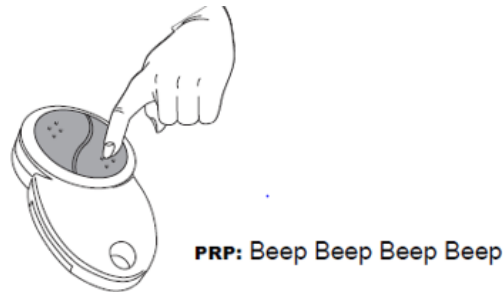
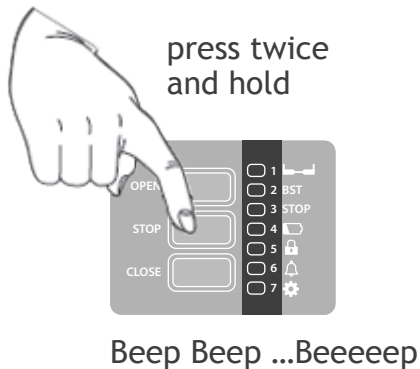


Adding a transmitter (continued)

- Enter the programming mode (press Stop (P2) 5 times and hold until LED 7 starts to flash)
- Mode 2 - Up on one button/Down on another button

Action

- Press “STOP” button on receiver twice and hold on the second press (long beep)
- Press button on transmitter(short beeps)

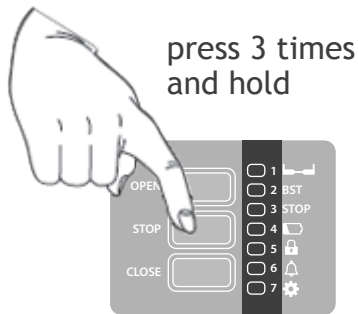


Programming the light

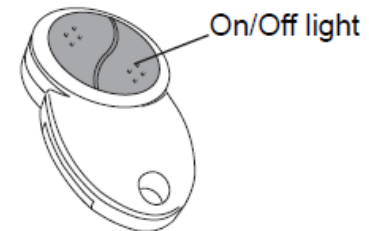
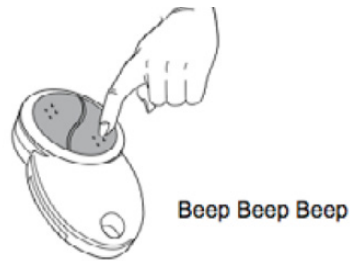
- Enter the programming mode (press Stop (P2) 5 times and hold until LED 7 starts to flash)
- Mode 3 - Toggle light on and off

Action

- Press “STOP” button on receiver three times and hold on the third press
- Press button on transmitter (short beeps)



Beep Beep Beep ...Beeeeeep

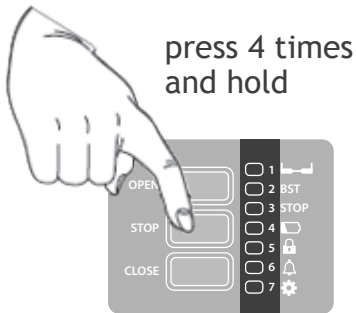


Deleting a channel

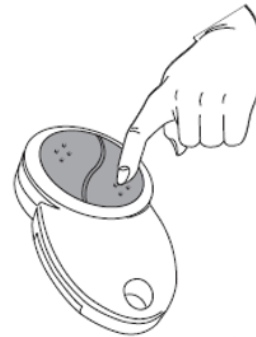
- Enter the programming mode (press Stop (P2) 5 times and hold until LED 7 starts to flash)
- Mode 4 - Delete a single channel

Action

- Press “STOP” button on receiver four times and hold on the fourth press (long slow beeps)
- Press relevant button on transmitter to delete that channel (long solid beep)



Beep Beep Beep ...Beep ...Beep ...Beep



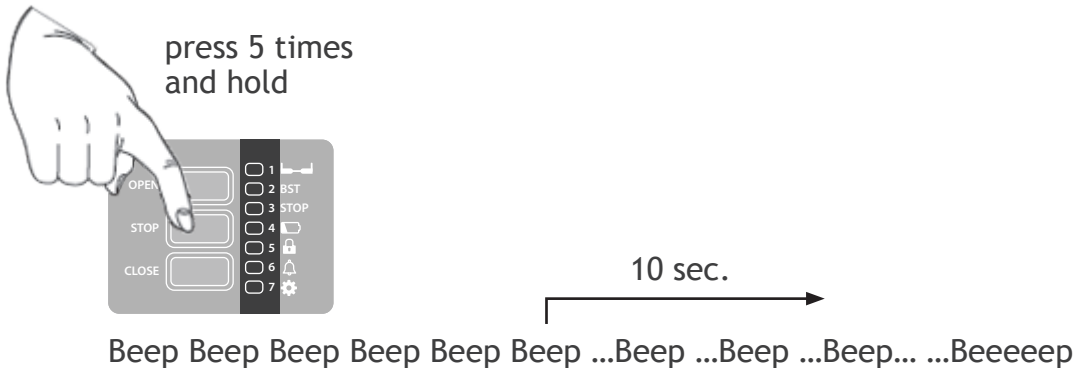
PRP: Beeeeeep

Deleting all channels

- Enter the programming mode (press Stop (P2) 5 times and hold until LED 7 starts to flash)
- Mode 5 - Delete all channel/buttons

Action

- Press “STOP” button on receiver five times and hold on the fifth press (short beeps for 8 seconds long beep for 2 seconds)
- Release your finger after the long solid beep stops (approx 10 secs)

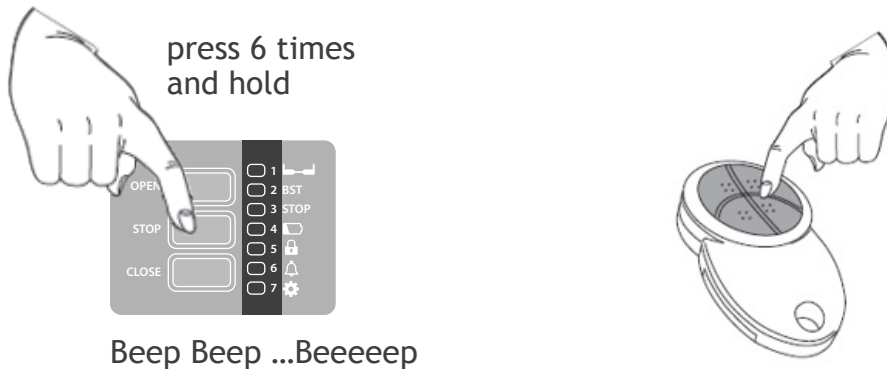


Adding a transmitter

- Enter the programming mode (press Stop (P2) 5 times and hold until LED 7 starts to flash)
- Mode 6 - Quick set up for a 4 channel remote

Action

- Press “STOP” button on receiver six times and hold on the sixth press (long beep)
- Press relevant button on transmitter (long solid beep)



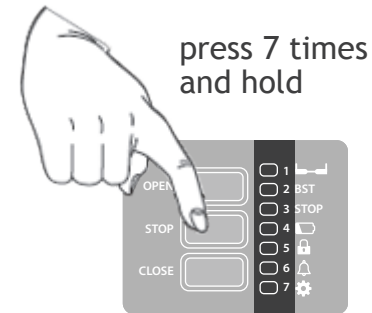
Adding a bi-directional transmitter

- Enter the programming mode (press Stop (P2) 5 times and hold until LED 7 starts to flash)
- Mode 7 - Quick set up for a Bi-directional remote

Action

- Press “STOP” button on receiver seven times and hold on the seventh press (long beep)
- Press relevant button on transmitter (long solid beep)
 - Note - Only available on compatible remotes
 - Note - The bi-directional function must be activated after programming the transmitter. Press the MEM (P2) button 14 times: you will hear one of the following tones:
 - Bi-directional active = continuous tone
 - Bi-directional inactive = beeping

Having this function allows the user to see the status of their garage door simply by pressing the “ask” channel



Beep Beep Beep Beep ...Beeeeep



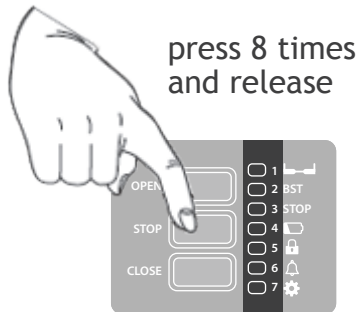
Led on transmitter
- Red led: open door
- Blue led: close door
- Flashing led: not memorized

Adding an alarm

- Enter the programming mode (press Stop (P2) 5 times and hold until LED 7 starts to flash)
- Mode 8 - Adding an alarm to the system

Action

- Press “STOP” button on receiver eight times and hold on the eighth press (long beep)
- Tap the wireless shock sensor against a hard surface before fitting to the door (short beeps)

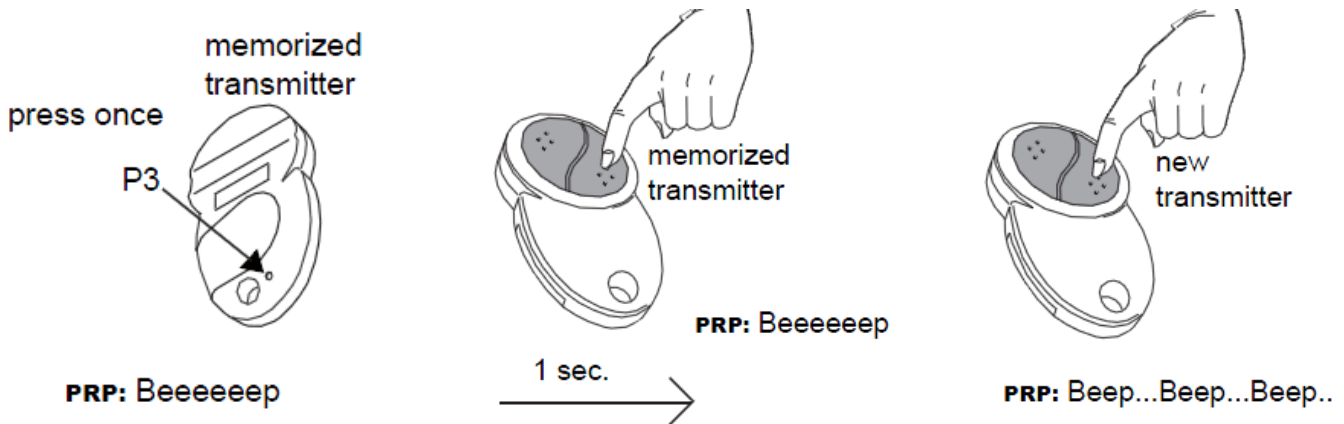


Beep Beep Beep Beep Beep Beep... ..Beep...

Programming one remote from another

Action

- Press the back of the transmitter “P3” with a paperclip once, then release (long beep)
- Then press the channel on the front of the same transmitter (long beep)
- Now press a button on your new and unused transmitter (short beeps)



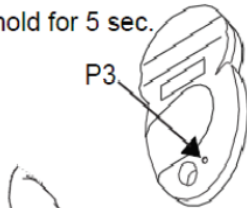
Programming auto close

Action

- Put Dip switch 3 on (short beep)
- Switch the power off and back on again
- Within 30 seconds start the following sequence
- Press and hold the “P3” button on the back of the transmitter until it beeps
- Now press it 8 times in quick succession (8 short beeps one on each press)
- Wait for 2 beeps
- Press “P3” again to start the timer (single beep)
- Wait your required time (min 5 secs, max 90 sec)
- Press “P3” to stop the timer (single beep)

Note: The door needs to be **fully open** in order to autoclose

press and hold for 5 sec.



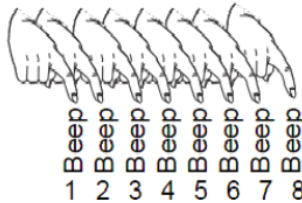
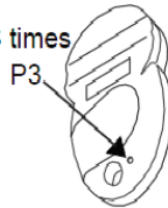
PRP:

5 sec.

Beep

beeps

press 8 times



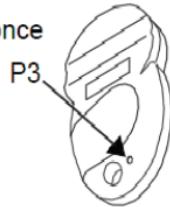
wait 5 sec.

Beep Beep
1 2

2- Press the push button P3 of the transmitter, the buzzer will sound one beep, the time to be memorised starts.

3- After the desired time press again the push button P3 of the transmitter in order to exit and memorise the re-closing time.

press once

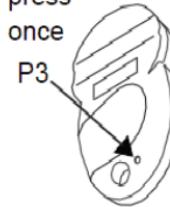


start time count



PRP: Beep

press once



Stop and memorize the time

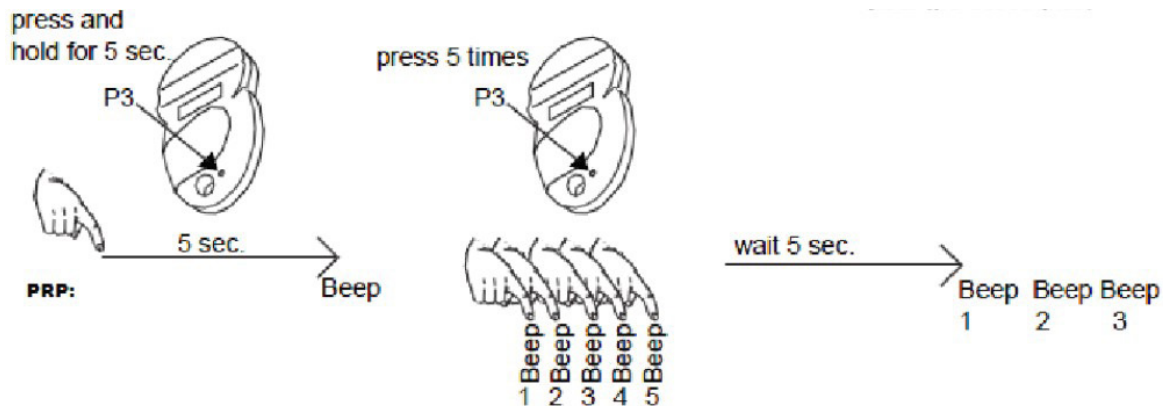


PRP: Beep

Programming light timer

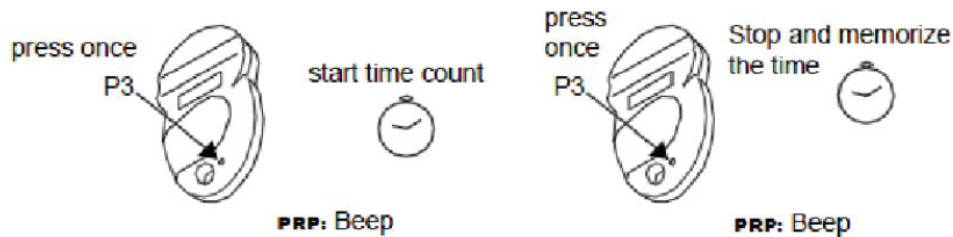
Action

- Switch the power off and back on again
- Within 30 seconds start the following sequence
- Press and hold the “P3” button on the back of the transmitter until it beeps
- Now press it 5 times in quick succession (5 short beeps, one on each press)
- Wait for 3 beeps
- Press “P3” again to start the timer (single beep)
- Wait your required time (min 60secs, max 12 hrs)
- Press “P3” to stop the timer (light switches off)



2- Press the push button P3 of the transmitter, the buzzer will sound one beep and the courtesy light turns on, the time to be memorised starts.

3- After the desired time press again the push button P3 of the transmitter in order to exit and memorise the courtesy light time, the light turns off.



Connecting the alarm to the board

- The sounder will be provided separately to the receiver
- Plug the alarm module into the terminal marked “alarm”

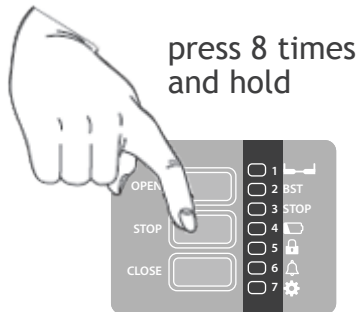


Adding an alarm

- Mode 8 - Adding an alarm to the system
- Enter the programming mode (press Stop (P2) 5 times and hold until LED 7 starts to flash)

Action

- Press “STOP” button on receiver eight times and hold on the eighth press (long beep)
- Tap the wireless shock sensor against a hard surface before fitting to the door (short beeps)



Beep Beep Beep Beep Beep Beep... ..Beep...

Adding an alarm

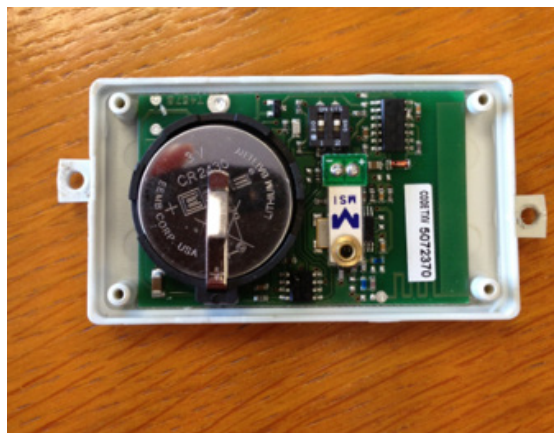
Attach the sensor on the bottom slat next to the CE label, not the centre of the door.



Set the sensitivity accordingly.

DIP1	DIP2	Sensitivity
Off	Off	High
On	Off	Medium
Off	On	Low
On	On	Low

Insert the provided battery.



Exclusion of the safety edge

If the floor is not level you can exclude the bottom safety edge 50mm from the ground

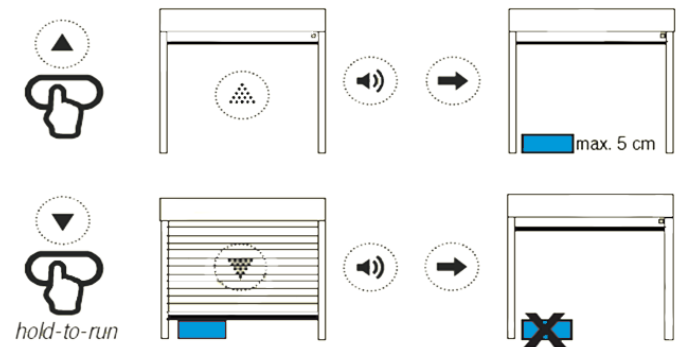
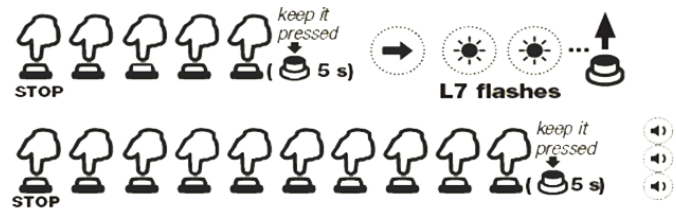
- Power off power on and commence within 30 seconds
- Enter the programming mode (press STOP 5 times and hold on the 5th) - beep and L7 led light flashes
- Press STOP 10 times and hold for 5 seconds
- Place a 50mm block on the floor
- Open the door completely (without stopping) and you will hear a beep when it hits the top limit.
- Close the door (without stopping) until it hits the block
- Open the door fully (without stopping)
- Remove the block
- Close door fully and check procedure has worked by putting an obstacle under the edge

Exclusion will only work from the fully open position!

Exclusion of the safety edge

Within 30 seconds from Power-On

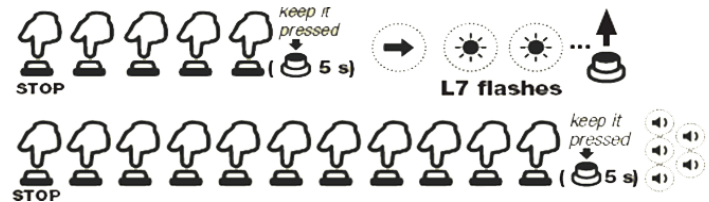
- Press STOP button 5 times and keep it pressed for at least 5 seconds.
- L7 starts flashing.
- Press STOP button 10 times and keep it pressed for 5 seconds.
- The buzzer emits 3 beeps.
- Open the door completely by means of a memorised transmitter.
- The buzzer emits a long beep when the upper limit switch is reached.
- Put on the floor exactly under the door, a sturdy object not more than 5cm high.
- Close the door (in hold-to-run mode), with no interruption.



- The door will stop at the obstacle and the control unit will make a long beep.
- Open the door completely and remove the object.
- Close the door to verify the correct application of the procedure.

Deactivation

- Press STOP button 5 times and keep it pressed for at least 5 seconds.
- L7 starts flashing.
- Press STOP button 11 times and keep it pressed for 5 seconds.
- The buzzer emits 5 beeps.



Programming keypad

Note

- The keypad operates off a 5 digit code
- Factory code is 12345
- To operate the door press the code and then number 1

Action

- Enter the programming mode (press Stop (P2) 5 times and hold until LED 7 starts to flash)
- Enter the key pad code.
- Press the STOP button (mode 1 or mode 2)
- Press 1 on the keypad (series of short beeps)
- To program the light, press the “” button three times then press the “B” button on the keypad

Changing keypad code

Note

- The keypad operates off a 5 digit code
- Factory code is 12345

Action

- Remove the back cover
- Enter the factory code 12345
- Press the white button on the back of the keypad
- Enter your new 5 digit code... long beep!
- Re enter your 5 digit code... longer beep!

Programming two doors/multichannel

Note

- All receivers and remotes are multichannel by default
- Enter the programming mode (press P2 5 times and hold)

Action

- Press the “STOP” button on door A, press the relevant button on the transmitter
- Press the “STOP” button on door B, press a different button on the same the transmitter

Note: It is best practice to have power to only one door at a time whilst coding in a multichannel application, this ensures that you do not accidentally code the remote to both doors.

Activating holiday mode

This allows the user to disable the buttons on the front of the receiver.

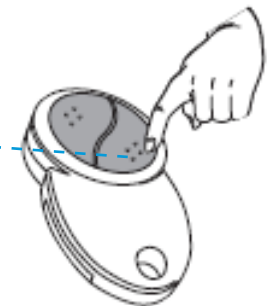
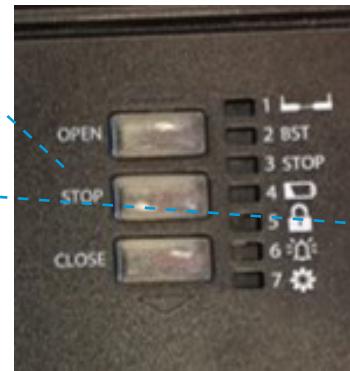
To lock

- Press and hold the “STOP” button on the front of the receiver for 5 secs (beep) LED 5 will flash slowly to indicate that the unit is in holiday mode



To unlock

- Press and hold the “STOP” button on the front of the receiver for 5 secs (beep)
- Now press the button on your remote control (beep)
- The door is now out of holiday mode



Troubleshooting – Beeps

1 beep

- The sensor for the magnet system is set too high. Lower the sensor so that the magnet passes it just before the door hits the floor.

1 continuous beep

- The control unit is faulty and needs replacing.

2 beeps

- Check that the motor is connected
- Check that the wiring is correct
- Check that both limits have been set
- Reconnect the test lead, check the limits and repower the board
- The thermal protection could be activated. Wait while the motor cools down.

NOTE: The door can be used in hold to run by simply pressing and holding the operating button for 5 seconds

3 beeps - L1 is off

- No handset is programmed to the door. Program at least one transmitter.

3 beeps - L1 is on

- Check photocells alignment and connections.

4 beeps - L2 is on

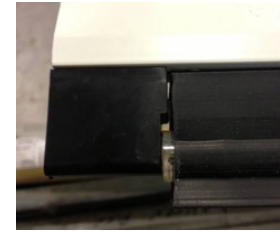
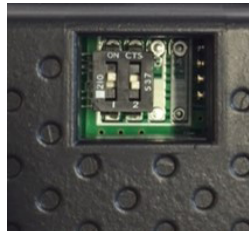
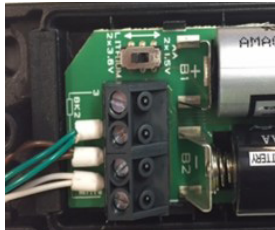
- Check the general condition of the rubber profile.
- Check photocells alignment and connections.

5 quick beeps every 5 seconds - 4 flashes

- Bottom slat transmitter batteries are going flat, Replace with 1.5 v or 3.6 v. Even when replaced the system will continue to beep for one minute whilst its establishes the integrity of the new batteries.

5 beeps

- Is the bottom slat transmitter (BST) correctly wired, check that the wires are securely in place and that the colours match the corresponding numbers



- Make sure the batteries in the BST are located correctly, remove them and re-insert
- Check dip switch 1 on bottom slat transmitter is set to on
- Look for damage to the cables as they enter the bottom slat transmitter
- Press and hold the “p” button on the BST. (If the LED flashes check wiring.)
- Re-pair with radio card.
- Check optical eyes for damage.
- Check for any water damage.



- The LED should be solid!

6 beeps - L3 - on

- Check connections 21 and 22.

8 beeps

- Check the limit switches and set them again if needed.

9/10 beeps

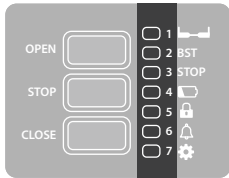
- One of the relays are defective. Replacement control unit required.

No beeps and door is unresponsive

- Check link is present between terminals 21 and 22
- Check that remotes that you are using are coded into the system

Troubleshooting – Lights

LED in the Front Cover



LED	Possible Cause	Solution
1	Optical wired safety edge failure.	Refer to 3 beeps Trouble Shooting on page 42.
2	Safety test failure: wireless safety edge system.	Refer to 5 beeps Trouble Shooting on page 43.
3	The door has hit an obstacle and is not working.	Check for obstacles and remove object.
4	Low batteries in the bottom slat transmitter.	Replace the bottom slat transmitter batteries.**
5	"Holiday mode" activated.	See page 41 for how to switch off holiday mode.
6	Alarm from vibration sensor flashed when alarm is activated.	Press the up button on the handset to reset the alarm.
7	Solid ON = powered. Flashing = programming mode.	Solid light is normal operation. Programming mode times out after 10 seconds.

Red light on bottom slat transmitter is on

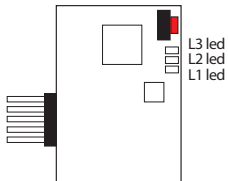
Red light permanently on

- fault with optical eyes - check rubber is not distorted, obstruction within the rubber, damaged cable.

Red light flashes once and goes off

- optical eyes are working correctly.

Radio card (MASTER)



- L1 led** **Flashing** : normal functioning.
ON : transmission error or drained batteries.
- L2 led** **ON** : activated safety alarm, transmission error or drained batteries.
OFF : normal functioning.
- L3 led** Not used.

Other possible issues

The door hits the floor and then retracts a few inches

The door is sensing imperfections in the floor, check that the floor is level, you may need to level the floor, pack out the nylon blocks in the end of the bottom slat or fit a supplied magnet.

The door can be operated but the safety systems don't activate

The motor may have been wired incorrectly.
Check motor wiring.

The fuse blows while operating the door

Check the motor wiring and control panel wiring.

Notes



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