



Operating and Maintenance Instructions

For use with the

Elite Range

E37 Elite Security Shutter (931a/01)
T77 Elite Garage Door (931a/02)
V77 Elite Security Shutter (931a/03)
E77 Elite Shutter (931a/04)

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Certificate No. 931

Product No. 931a/01 (E37), 931a/02 (T77), 931a/03 (V77), 931a/04 (E77)

1. General Instructions

Your newly-installed product should give you many years of trouble-free service as it is designed to require minimal maintenance and servicing. In order to prolong the life of your door and to reduce the likelihood of problems, please adhere to the following instructions.

Please note all products should only be operated by trained users.

2. Operating Instructions

Safety & Security

Only operate your shutter/garage door when it is in view, making sure it is not obstructed. Ensure that when the curtain is running, the user and other people are clear of the curtain and keep hands etc. away from moving parts.

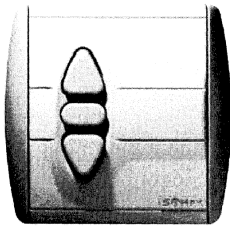
This product has been designed to stop ingress into premises by unauthorised users of the shutter / door. As well as considering the maintenance and safe operation of the product, the user must also consider the following rules when using it as a shield or barrier against intruders:

The anti-lift locking system is effective only when the shutter is in the fully closed position. Therefore, when closing the shutter, ensure that the motor cycle has reached its downward limit and will not travel any further.

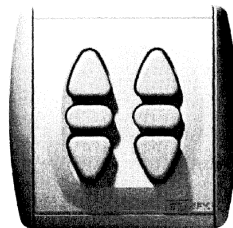
If bullet locks have been prepared on the guide channels of the shutter, the barrier thus formed will only be fully locked when the bullet locks are inserted into their steel housing.

Finally, damage to the structure of the building, or damage to the shutter itself following installation, may decrease the security rating of the shutter as a barrier to future attempts at entry by unauthorised users. Such damage or changes to the structure of the overall configuration of the shutter and its substrate should be followed by repair / replacement to ensure that the security rating is maintained. Contact the installer in this event.

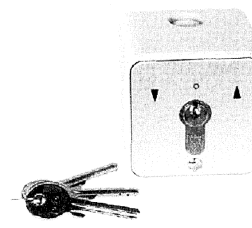
2.1 HOLD-TO-RUN SWITCHES



Hold-to-run single pole switch
for operating one shutter



Hold-to-run dual pole switch
for operating two shutters



Hold-to-run single pole keyswitch
for operating one shutter

- Make sure all windows and doors are closed.
- If your electrically operated shutter contains any manually operated locks these must be disengaged before you operate the shutter. Failure to do so will damage the motor within the shutter.
- Turn/press switch in desired direction. These are momentary switches, therefore operator must be present when opening and closing, with all openings in view.
- It is very important that the motor completes its pre-set rotation, and the motor stops. The motor locks the shutter/garage door, so even though the curtain looks down it may not be locked.
- The motor must stop on its pre-set limits.

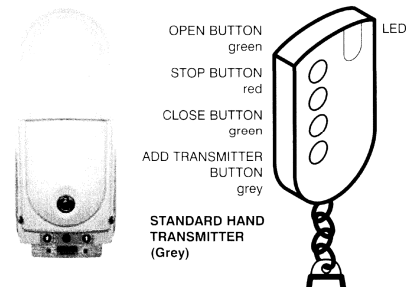
Troubleshooting		
Fault	Cause	Solution
The shutter/door fails to operate when the button is pressed/key is turned.	<ol style="list-style-type: none"> 1. There has been a power failure. 2. The wrong direction is been selected on the control equipment 3. The thermal trip in the motor may have activated if the door has been operated several times recently. 	<ol style="list-style-type: none"> 1. Wait for the power to come back on or operate the shutter/door with the manual override if installed. 2. Select the correct direction. 3. Allow the motor to cool approximately 30 minutes before attempting to operate the shutter/door again.
The shutter/door stops before fully opening or closing, or fails to stop when reading its final open or closed position.	The limits in the motor have failed to operate or may not have been set correctly.	Contact your installer

2.2 REMOTE CONTROL

Please note the front of the control unit should only be removed by a trained engineer.

Your shutter/garage door can be activated, depending on the type of equipment installed, by pressing and releasing the buttons on the front of the control unit, the buttons on your remote handset, or a separate hold-to-run switch (key, push or turn).

Please note: All products should be operated when in view; making sure they are not obstructed. When opening or closing the product door you must monitor the product until it has completed its operation. If the product is fitted with a safety device this could be activated during its operation which would cause the door to stop and reopen a short distance leaving the door partly open.



Hand Transmitters

The transmitters are fitted with four buttons (see diagram) and when any button is pressed the LED illuminates. The typical operating range is approx. 50 m (160ft). When the batteries in the transmitters need replacing the LED will flash constantly when any button is pressed. (Batteries are 2 x CR2016 Lithium Cells).

SAFETY DEVICES

Hold-to-run/deadman operation

Your remote control unit may have been supplied without a safety devices in hold-to-run (deadman) mode. If this is the case, to close the door you will need to press and hold the down button whilst the door is in view ensuring at all times that there are not obstacles in the doorway. To open the door you will need to press and hold the up button whilst the door is in view ensuring at all times that there are no obstacles in the doorway. Please be aware it is possible to set the remote control so that the door will travel in the up direction in the standard automatic mode in which case a single press of the up button will open the garage door.

Safety edge

The Safety Edge is fitted to the bottom of the door and is activated when the door starts to close. If it comes into contact with an object while the door is closing, it transmits a signal to the wall mounted control unit, the door will then stop and reopen a short distance.

The safety edge also works as a weather seal, designed to be pressed against the ground, to prevent false sensing and reopening it is disabled for the last 50mm of door travel.

If the safety edge hits an obstacle and the door stops you will be unable to close the door in the normal way.

To close the door you can either:

1. Press the button on the transmitter or the control unit to raise the door to its fully open position. The safety device will automatically reset and the door can now be operated as normal with the safety device active.
2. Press and hold the down button on the transmitter or control unit to close the door fully. If you release the button the door will stop. Ensure the door has fully lowered and locked before releasing the button. Please note the safety device will not be active until the door returns to its fully open position.

PHOTO CELL

The PEC projects a pencil line beam across the door opening. If the beam is broken during the closing cycle, the shutter will stop and reopen a short distance.

A visual indication is given on the signal LED as detailed in the System Status Indication section.

If the photocell beam is broken during the closing cycle the door will stop and reopen a short distance and a visual indication is given on the signal LED. You will now be unable to close the door in the normal way.

To close the door you can either:

1. Press the up button on the transmitter or the control unit to raise the door to its fully open position. The safety device will automatically reset and the door can now be operated as normal with the safety device active.
2. Press and hold the down button on the transmitter or control unit to close the door fully. If you release the button the door will stop. Ensure the door has fully lowered and locked before releasing the button. Please note the safety device will not be active until the door returns to its fully open position.

Adding transmitters

- Press and hold down the Grey button on a transmitter that is already loaded onto the control unit.
The lid mounted signal LED will flash YELLOW slowly, keep the button held down until it flashes YELLOW quickly.
- Release the Grey Button.
The lid mounted signal LED will continue to flash YELLOW quickly.
- Press the top green button on the same transmitter once.
The flashing LED will change from flashing YELLOW to flashing GREEN.
- Now press the top green button on the new transmitter once and release.
The flashing LED will change to continuous for 1 second each time it accepts a new transmitter.
- Repeat step 4 for other transmitters to be added on to the system.

Thirty seconds after loading the last transmitter the LED changes to flashing yellow for ten seconds and then returns to normal running mode. Alternatively you can press the top green button of a transmitter that has just been loaded, this will take it straight back to normal running mode.

Note the manufacturers code for the transmitters must match the manufacturers code for the receivers, if they do not match, you cannot add that particular transmitter on to the system, the LED will flash RED, GREEN then YELLOW once quickly, if they are not compatible. Please contact your supplier for further details.

Remote Control Trouble Shooting Guide

N.B. Always isolate the power before attempting to make any adjustments or repairs. Untrained operators are advised to contact an approved installer.

System Status Indication

The status of the control unit and/or door is indicated by the lid mounted signal LED. This is a three-colour "RED, YELLOW & GREEN" lamp (LED) mounted on the front of the control unit, as detailed below:

Door Positions	
LED Signal	Status
GREEN solid	Open limit activated
GREEN flashing	Door opening
RED solid	Close limit activated
RED flashing	Door closing
YELLOW solid	Door stationary between the open and close limits

Programming mode (using a transmitter)	
LED Signal	Status
Slow flashing YELLOW then quick flashing YELLOW	Control unit in programming mode.

SYSTEM STATUS

LED signal/fault	Cause	Solution
RED rapid flashing	Photo Electric Cell (PEC) beam broken.	<ol style="list-style-type: none"> 1. Remove any obstacles which may be in the doorway (once you have removed the obstacles the signal light will change to solid yellow). 2. Reset the safety device as described in the Photo Cell section. 3. Ensure the photocell and reflector are clean. 4. Re-align the photo cell and reflector (contact your installer)

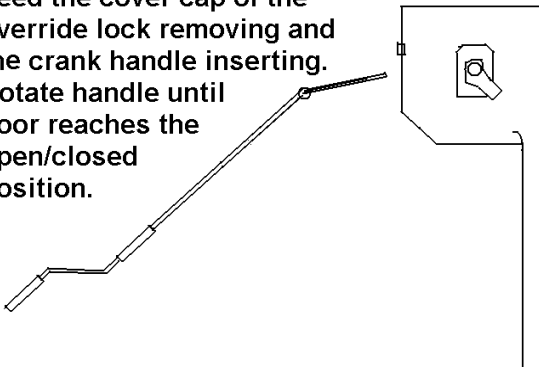
RED flash then two YELLOW flashes	A motor stall has been detected.	<ol style="list-style-type: none"> 1. Disengage manual locking device. 2. Remove any objects which may have jammed in the guide rails, curtains, or roll. 3. Ensure nobody is attempting to ride up on the curtain. 4. Ensure a non-approved item has been attached to the curtain. 5. In extreme conditions the door may have frozen to the guide rails or floor. Try to operate the door again or defrost the frozen section.
RED flash then three YELLOW flashes	The thermal trip has activated on the motor or the motor is not connected.	<ol style="list-style-type: none"> 1. Allow the motor to cool for approximately 30 minutes before attempting to operate the door again. 2. The motor may not be connected to the remote control unit contact you installer
RED flash then four YELLOW flashes	Door overrun time out; the door has been opening or closing for over 60 seconds without detecting a final end limit position.	Contact your installer
A rapid RED, GREEN then YELLOW single flash	Indicates that a signal has been received from either a transmitter that has not been loaded on to the system or the transmitters' manufacturers code does not match with the SeceuroSmart control unit.	<ol style="list-style-type: none"> 1. Load the transmitters on to the system as per the "Adding transmitters" section. 2. Contact your installer if the transmitter will not load on to the system.
Long YELLOW then two shorter RED flashes	PEC has failed Self Check test	Contact your installer.
Reduced operating range	Batteries in transmitter are flat or aerials may not be fitted to remote control unit or they may be touching.	<ol style="list-style-type: none"> 1. Transmitters LED does not illuminate when flat and if batteries low it flashes when button pressed. Replace batteries. 2. Ensure aerials are not touching, if aerials are missing then contact your installer.
The door stops automatically after the bottom edge of the door has passed	Fault detected in safety edge circuit	<ol style="list-style-type: none"> 1. Contact your installer 2. To close the door press and hold the down button releasing the button once the door is fully down and locked (ensure the door is

the top magnet when the door is closing (this only applies when bottom slat safety edge is installed)		fully in view when operating).
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2.3 MANUAL OVERRIDE

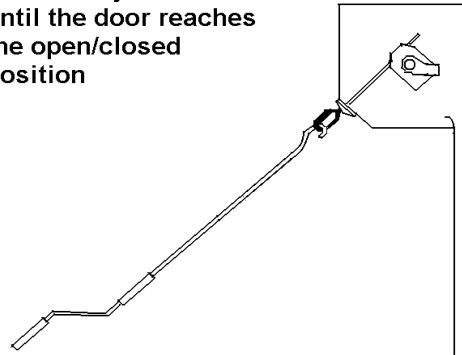
In the event of disruption to the power supply, or the motor temporarily over heating (the motor is protected by a thermal cut-out), the door can be operated manually. Isolate power supply to shutter before using the manual override.

Externally fitted shutters will need the cover cap of the override lock removing and the crank handle inserting. Rotate handle until door reaches the open/closed position.



Externally installed shutter with external manual override

Hold crank handle in line with eye and rotate until the door reaches the open/closed position



Internally installed shutter with internal manual override

DO NOT OVERWIND

When the main power is reinstated, ensure that the power isolator is switched back on. If applicable secure the handle back onto the wall. Remember to keep the crank handle in a convenient place.

NOTICE: OVERRIDE SECURITY

The override handle must be detached from the eyelet after use. It must be stored internally, in a place at least 1.5 meters away from any potential opening in the shutter made by an attacker so that it cannot be operated from outside.

3. Maintenance

CAREFUL USE OF YOUR SHUTTER/DOOR IS THE BEST WAY TO AVOID MAINTENANCE OR REMEDIAL WORK

Your Shutter/door is low maintenance. The curtain needs wiping with a damp cloth and a mild detergent to remove excessive dirt/grime to maintain its prime appearance and to reduce the risk of the surface being damaged. This must be done more frequently in a salt air environment.

Marks on the paint finish can be cleaned with many types of car polish. Chips in the paintwork should be touched up to prevent corrosion of the metal.

The power to the shutter should be isolated before washing or repairing the paintwork.

The motor and curtain have been designed to be lubrication free so you must not oil or grease the guide rails. Make sure no foreign items get collected in the guides i.e., stones, sticks, paper etc.

Additional information for electrically operated products.

Your door should run smoothly and easily as the motor is not designed to overcome problems of a badly running or damaged door. If necessary contact your approved installer for repair.

The motor should stop on the limits and not over-run (indicated by buzzing) when the door hits the floor.

N.B. Always isolate the power before attempting to make any adjustments or repairs. Untrained operators are advised to contact an approved installer.

4. Service and Repair Record

Date work carried out:
Work carried out:
Work performed by – Sign:
Print:
Company Name:

Date work carried out:
Work carried out:
Work performed by – Sign:
Print:
Company Name:

Date work carried out:
Work carried out:
Work performed by – Sign:
Print:
Company Name: