

Declaration of Incorporation



March 2007

Issue 1 (Insulated Roller Garage Doors)

This Declaration of Incorporation has been prepared by the garage door manufacturer to signify that the accompanying garage door operator, if installed in accordance with the manufacturer's detailed instructions will meet the requirements of EN12453.

It is the responsibility of the installer to ensure that doors and garage door operators are correctly matched prior to installation. It is also the responsibility of the installer, legally described as the Responsible Person, to ensure that a suitably nominated person will confirm that the power operated door has been installed in accordance with the instructions provided by both the door and drive unit manufacturer.

It is also the responsibility of the installing company to check after installation that the power operated door and any safety devices provided are suitable for the application and are all working satisfactorily. This will permit the nominated person to attach a CE label

identifying the name of the installing company, a unique door reference number and a date of completion. The installing company should label the door and provide the documentation as specified within EN12635.

One copy of the Declaration of Conformity is to be issued to the client and one copy is to be retained by the installing company, together with the relevant two Declarations of Incorporation. In accordance with the requirements of the Machinery Directive and the UK Supply of Machinery (Safety) Regulations, these records are to be retained on file for a period of ten years.

Note.

Duplicated printed pads set out in the format of Declarations of Conformity in order to allow on site completion are available at a reasonable cost from the DSMA for both members and non-members. Alternatively, for an additional cost, a technical records file with full details of requirements and procedures for compliance, and including the necessary filing divisions, is also available.

This declaration is made by:

(V. Brockley, Managing Director)

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INVESTOR IN PEOPLE

Insulated Roller Garage Doors

Remote control for insulated roller
garage doors and Compact insulated
roller garage doors

Operation & Maintenance Instructions

General Operation

The garage door is supplied with a keyfob transmitter. The general operation of the keyfob is as follows:

Keyfob Transmitter

To open the door press the button on the keyfob transmitter, the door will open fully and stop automatically at the fully open position. To close the door press the keyfob transmitter button the door will close fully and stop automatically in the closed position. Pressing the keyfob transmitter button during an open operation or a close operation will instantly stop the door, this can be used if you would like the door half open if working in the garage. Please note that a delay of 1 second is built into the operation. Press the button once and wait for the delay.

Multi channel keyfobs use one button per door, controlling up to three garage doors from one keyfob transmitter. These are available on request.



Receiver Unit

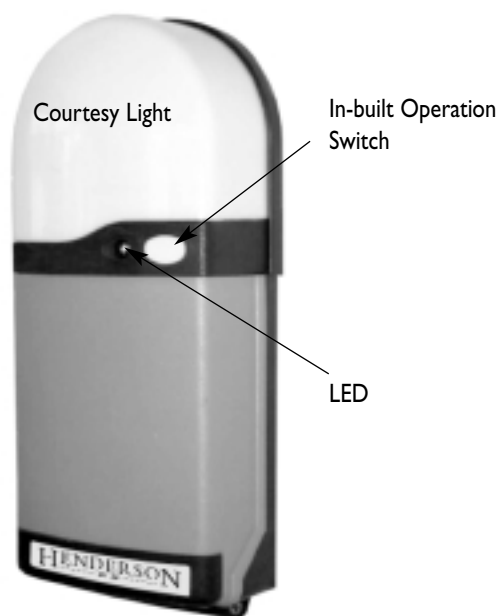
The Receiver unit is wall mounted in the garage close to the garage door.

The receiver has a built on courtesy light. When an open or close command is received the courtesy light will illuminate for three minutes from receipt of the command.

The receiver mounted red LED light is a multi function indication light, flashing rapidly when the photo-cell unit is blocked, and slowly for fault detection.

The in-built operation switch can be used when inside the garage, working to open, stop and close the garage door. The operation sequence is as follows

- press once - open command
- press again - stop command
- press again - close command



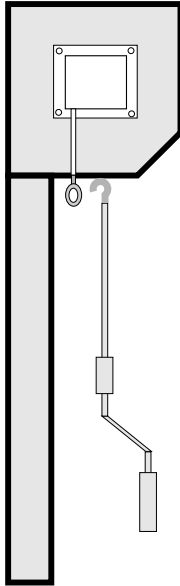
Adding Additional Transmitters

Ensure the door is in the fully open position, press the in-built operation switch on the receiver unit and hold for 5 Seconds, the receiver mounted LED will go out and come back on..

Take the new keyfob, press and release the button, the LED on the receiver will flash once, Wait 30 seconds the keyfob is now operational.

NOTE: IF YOUR KEYFOB TRANSMITTER HAS MORE THAN ONE BUTTON (MULTI CHANNEL) PLEASE REPEAT THE ABOVE SEQUENCE WITH EVERY RECEIVER UNIT, USING A DIFFERENT KEYFOB TRANSMITTER BUTTON EACH TIME.

Manual Override Facility



In the event of a mains power failure the manual override facility can be used. Taking the crank handle provided insert the hook of the handle into the loop which protrudes from the door head box and wind the door open (Please check that you are winding the door in the correct direction).

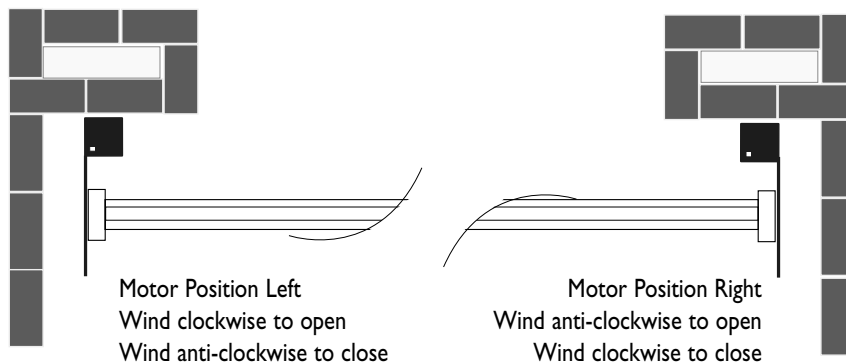
Do not wind the door past the normal opening or closing position.

Please Note: The motor unit has a thermal protection system which will electrically isolate the door until the motor has cooled down. Approximately eight consecutive operations will invoke the thermal protection system. The motor will be available for use again once it has cooled down (approximately 5 minutes)

Ensure the crank handle is in line with the eyelet and rotate until fully open.

If a low level external over-ride is installed please remove the external lock cover and insert the handle. Wind in the direction of the red sticker located on the cover plate.

Direction of Emergency Override Rotation



INSIDE OF GARAGE

Photo Safety Cell (standard)

Depending upon door build a choice of safety device may be fitted. Both safety options are detailed below.

The photo safety cell is fitted onto or near the door guide. On the opposite side is a reflector unit, which reflects the beam back to the photo safety cell. If the beam is blocked, the LED on the receiver unit will flash rapidly and the door will not close. When the beam is blocked the amber light on the Photo safety cell will extinguish. Once the beam is not obstructed, the receiver mounted, LED will stop flashing and the door will close. When the beam is cleared the amber light on the safety photo cell will illuminate. If the beam is broken during a close command the door will automatically stop and return to the fully open position and await a new command.

The safety beam system is automatically disabled once the door has been fully closed.



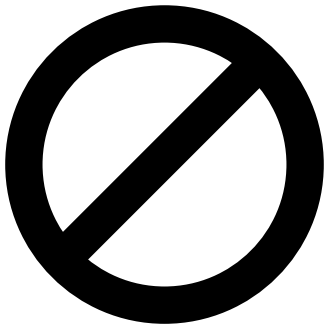
Remote Control Active Safety Edge (optional)

Active safety edge is pre-fitted to the garage door base rail. The receiver unit is also mounted onto the base rail of the garage door. The base edge rubber seal contains sensor devices that detect any contact with an object and returns the door to the fully open position and await a new command. On the bottom edge of the door the transmitter unit has a green LED which indicates activation of the safety edge. The green LED is only active when the safety edge is in use. The safety edge is automatically disabled when the door is in the fully closed position.

Deadman Close Facility

In the event that the beam or safety edge malfunctions (indicated by a rapidly flashing Receiver mounted LED) and the door will not close, please use the following procedure. Press and hold the keyfob transmitter button, after five seconds the door will start to close. The door will only operate when the keyfob transmitter button is held, if the button is released the full sequence will need to be repeated.

Important Operating Information - **Do Not**



Do Not - Place any item or body part in the door roller mechanism or in the door travel line at anytime.

Do Not - Operate the door if any person or moving object is in the door operation line.

Do Not - Attempt to remove or adjust any electrical device inside the wall mounted receiver unit unless qualified to do so.

Do Not - Use the door guide rails to support any foreign object eg garden utensils.

Do Not - Mechanically adjust the shutter unless qualified to do so.

Do Not - Operate the door when outside of visible range.

Do Not - Use the emergency over-ride facility before isolating the mains power to the door.

Important Operating Information - **Do**



Do - Isolate the mains power before cleaning the door curtain.

Do - Ensure the photo safety cell is clear of obstructions.

Do - Isolate the mains power when replacing the wall mounted receiver light bulb.

Do - Ensure correct direction of rotation of emergency over-ride during mains power failure.

Do - Please read and fully understand the guidelines before operating your roller garage door.

A garage door should only be worked on by a professionally trained garage door installer.

If you are in any way unsure, contact a trained installer.

Henderson can recommend an installer in your area. Phone Free on 0800 252883

General Maintenance & Replacement Parts Information

Before undertaking any maintenance on the roller door the main's power to the door should be isolated to prevent accidental operation, and prevent physical injury.

Keyfob Transmitter

The keyfob transmitter has a battery life expectancy of five years under normal usage. The first sign the batteries lowering in power is loss of remote control range. To change the battery remove the screw on the rear of the keyfob, take off the rear part of the keyfob plastic body, remove the battery from the battery clip. Replace with 1 No 12Volt 23A Battery. Re-assemble the keyfob unit.

Receiver Unit

The receiver unit is a specially designed for use with Insulated roller doors and Compact Insulated roller doors. The cover should only be removed by a qualified electrician. The power supply to the control is a fused spur point or three pin 13amp plug. The courtesy light bulb unit is a 40-watt standard bayonet connection bulb, and should only be replaced by an identical wattage bulb, in the event of a bulb failure.

Garage Curtain

The door curtain exterior should be kept clean of bird droppings and heavy soiling. Standard grime will be washed off naturally by rainwater. To clean the door curtain use warm soapy water and dry with a clean soft cotton cloth.

Side Tracks

The side track units are protected against a dirt build up by the integral brush strips. **NEVER APPLY LUBRICANTS OF ANY KIND TO THE GUIDE.** Wipe the side track units with damp cloth, do not soak as this could affect the Photo safety cell operation.

Photo Electric Cell (standard)

Clean the reflector with a damp cloth and the photo safety cell lens with a dry cloth.

Safety Edge System (optional)

The safety edge system is powered by a onboard battery in the transmitter unit mounted on the door bottom section. If the shutter reverts to deadman operation automatically the battery requires changing. Isolate the mains power and remove the transmitter cover. Replace the battery Using No 12Volt 23A battery, re-assemble the unit and re-activate the mains power.

For the longevity of your roller door life a full installer service at regular intervals checking all electrical components and mechanical components.

Speak to your installer for further details.
