



## GARAGE DOOR OPERATOR

What coming home *should* feel like





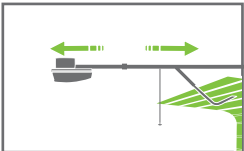
## SDO4

We know that arriving home is more than just some automatic action or daily ritual. It's an experience that's charged with emotion – the feeling of seeing your loved ones, your pets, the big-screen TV and all the other comforts that you miss during the day.

With the **SDO4**, that experience begins the moment that you open your garage door.

With whisper-quiet operation and movement that's smoother than a Barry White song, the **SDO4** garage door operator for tip-up and sectional doors lets you know you're home.

## MAIN FEATURES



### An SDO4 to suit your door

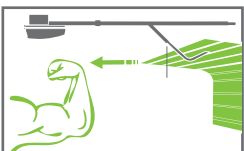
The **SDO4** comes in two different models, making it suitable for virtually any size domestic garage door. Choose the T10 for smaller doors up to 12 square metres, or automate your bigger door with the powerful T12 model.



### Battery-driven - ALWAYS on

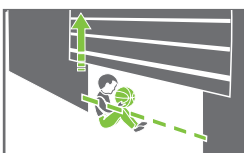
You need to be somewhere in a hurry. The power goes out. You're going nowhere. Unless you have the **SDO4**, that is. The **SDO4** switches seamlessly between mains and battery power in the event of a power outage, so it's always on. You can even use solar power to charge the system<sup>1</sup>.

1. Consult Centurion Systems for more information



### Reliable DC motor

Our 24V geared DC motor provides enough power to move even the largest door quietly and reliably.



### Adaptive anti-crushing control

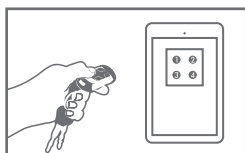
The **SDO4** was designed with safety in mind! The built-in anti-crushing circuitry will cause the door to stop and reverse if an obstruction is detected, helping to prevent serious damage or injury<sup>2</sup>.

2. Use of infrared beams is highly recommended to maximise garage door safety and obstruction detection



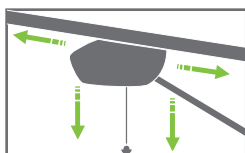
## Ease of installation, adjustment and setup

Ready. Set. Go! The drive unit slides into the rail and the control box slots into position at the back, it's as simple as that. Additionally, the built-in LED display and colour-coded buttons together make it a delight to configure settings and toggling between the operator's many unique features couldn't be easier.



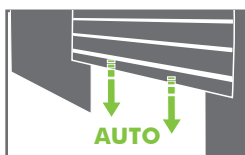
## Total security at the press of a button

The hand that rocks the cradle is the hand that rules the world... and so is the hand that controls Holiday Lockout Mode! This onboard high-security feature allows you to electronically lock your garage door by pressing one of the Wireless Wall Switch or remote control buttons, giving you total control of who gets in.



## Lock in any position

For increased security, the Manual Override can be disengaged and then re-engaged in any position. If you're going away on holiday you can also electronically lock your **SDO4** so that not even a learned-in remote control can operate the door.



## Autoclose<sup>3</sup>

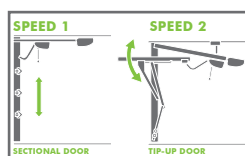
Look, Ma, no hands! If you forget to close your garage door, your **SDO4** will do it for you - if you've activated the Autoclose feature. Or maybe you're moving stuff out of your garage and need the door to remain open - overriding Autoclose is as easy as pressing a button!

3. Infrared safety beams need to be installed to utilise the Autoclose feature



## Onboard receiver with code-hopping security

A home security system that fits in your pocket. Our four-button code-hopping remote control utilises the same technology found in top of the range vehicle security systems and can control your **SDO4**, home alarm system, automatic gate motors and whatever else you need to feel safe. Rest easy, knowing there's a CENTURION standing guard.



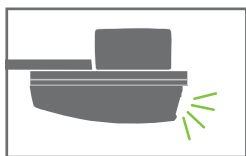
## Effortlessly switch between door types for the ultimate in flexibility

The **SDO4** is suitable for both sectional and tip-up doors, and toggling between the two using the intuitive LED display automatically, and intelligently, adapts the run profile to suit the selected door type.



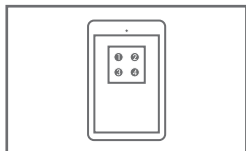
## Door Service Monitor

Using adaptive load sensing technology, our Door Service Monitor keeps an eye on things and a courtesy lamp will flash and a buzzer will sound when your door springs are worn out and need maintenance.



### Courtesy Light Control

The **SDO4**'s onboard light is always at your beck and call. Have it work as a Courtesy Light, bathing your garage in a welcoming glow when the operator is activated, or switch it on and off as needed, using one of the Wireless Wall Switch or remote control buttons. Need to get a wrench from your garage to fix a leaky faucet in the middle of the night? Let the **SDO4** light the way!



### Convenient template learning

In a hurry? Thanks to the **SDO4**'s intelligent template learning feature, you can learn all the buttons on your four-button remote control or Wireless Wall Switch in a set configuration in a matter of seconds!



### Energy-saving technology

Save the planet! Not only will the **SDO4** continue to operate during periods of unstable power or even power outages, but it is incredibly easy on resources. In Sleep Mode it reaches a record low power consumption of 0.5W. If this energy-saving technology isn't enough, hook the **SDO4** up to a solar panel and politely inform the neighbours that you have a 'zero emissions operator'.



## CONTROLLER FEATURES

- Adjustable speed control
- Soft Start and Soft Stop
- Dual Mode adaptive safety force system
- Infrared Safety Beam Input
- Intuitive LED display and colour-coded buttons for ease of setup and configuration
- Autoclose function (with optional override)<sup>1</sup>
- Door Service Monitor
- Onboard Holiday Lockout feature

1. Infrared Safety Beams need to be fitted to utilise the Autoclose feature

## WHAT'S IN THE BOX?

### SDO4 Garage Door Operator Rail Kit



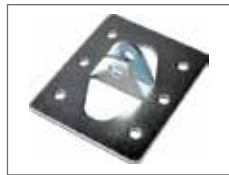
Drive rail



150mm Punched angle iron



Mounting kit



Towing bracket



Header bracket



Straight towing arm

### SDO4 Garage Door Operator Drive kit



Two four-button code-hopping remotes



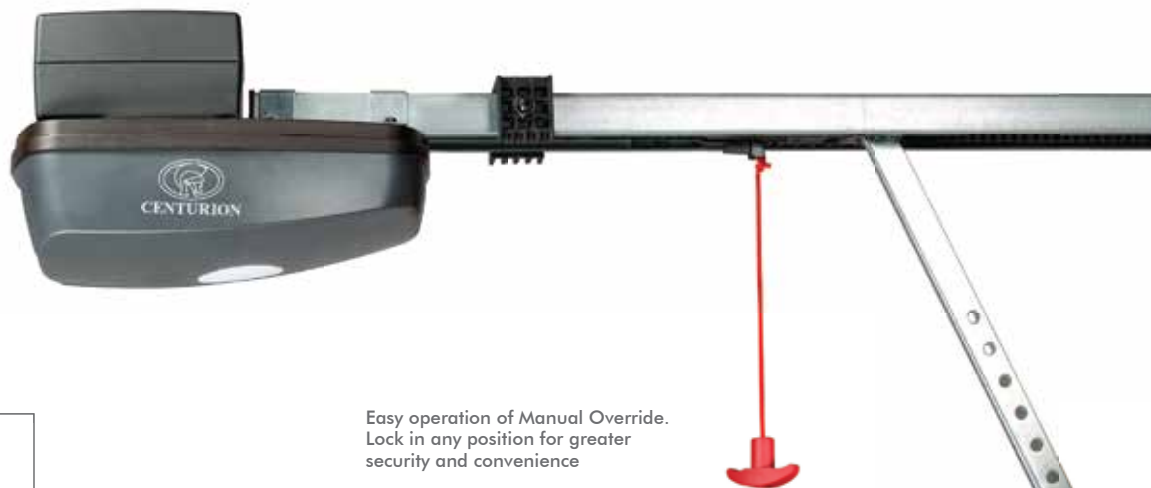
Four-button Wireless Wall Switch  
(Only included with T12 model)



Rail hanger



Bent towing arm



Easy operation of Manual Override.  
Lock in any position for greater security and convenience



Easy access to setup and replacement of light bulb

## ACCESSORIES

## TECHNICAL SPECIFICATIONS



**CENTURION transmitters**  
Available in one-, two-, three and four-button variants. Incorporates ultra-secure code-hopping encryption (two four-button transmitters are included with each **SDO4** kit)



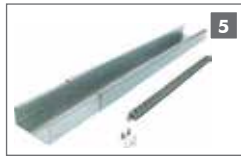
**SMARTGUARD or SMARTGUARDair keypad**  
Cost-effective and versatile wired and wireless keypad, allowing access to pedestrians



**Photon infrared beams**  
Photon infrared beams with a wireless transmitter



**Wireless Wall Switch**  
The four-button Wireless Wall Switch can operate the door, turn on the light and activate Holiday Lockout all without running any unsightly wires (Only included with T12 model)



**Rail extension kit**  
Available in 1000mm and 350mm lengths. Allows for increased garage door opening height. Converts a tip-up door **SDO4** to be suitable for sectional doors

Input voltage	220-230V AC @ 50/60Hz <sup>1</sup>	220-230V AC @ 50/60Hz <sup>1</sup>
Motor voltage <sup>1</sup>	24V DC	24V DC
Motor power supply <sup>2</sup> - rated	80W DC	100W DC
Motor supply	Battery supply 2 x 3.4Ah 24V DC	Battery supply 2 x 3.4Ah 24V DC
Maximum door width	6.5 metres	6.5 metres
Maximum door area	12 metres <sup>2</sup>	15 metres <sup>2</sup>
Maximum lifting capacity	1000N	1200N
Operations in standby mode	12 to 30, dependent on door size, weight, height and duration of power failure	12 to 30, dependent on door size, weight, height and duration of power failure
Opener travel speed	Tip-up 80mm/sec. Sectional 140mm/sec with fully-charged batteries	Tip-up 80mm/sec. Sectional 140mm/sec with fully-charged batteries
Door travel adjustment	Physical end-stops	Physical end-stops
Safety obstruction force system	Built-in menu	Built-in menu
Light	LED 2W	LED 2W
Autoclose <sup>2</sup>	Internal menu option	Internal menu option
Infrared safety beams	Internal menu option	Internal menu option
Onboard receiver type	Code-hopping single channel	Code-hopping single channel
Receiver code storage capacity	20 transmitters	20 transmitters

1. Can operate off a solar supply, consult Centurion Systems for assistance  
2. Can increase battery capacity for longer standby times

## OVERALL DIMENSIONS

