OVER 100 YEARS OF AUSTRALIAN MANUFACTURING

LIGHT COMMERCIAL SECTIONAL DOOR OPERATOR

myQ® Battery Backup

COMPATIBLE

OVER 100 YEARS OF AUSTRALIAN MANUFACTURING
LS-Drive
Quiet, safe, sturdy, clever.

Introducing LS-Drive!
The LS-Drive is the perfect high-cycle operator for sectional doors found in small carparks. Designed for up to 50 cycles per day, it is the ideal automation solution for small multi-tenanted applications. It delivers all the necessary logic configurations without any unnecessary complexity.

- The quiet, powerful drive train delivers smooth and fast door cycles, with soft start and soft stop.
- Logic options can be easily configured (such as “open only” and “timer-to-close”) using the simple button panel.
- The extremely durable extruded aluminium rail is available in 2 lengths and features a clever mounting method and integrated cable management.
- The rail can be easily surface mounted for low ceiling carparks.

LASTING PERFORMANCE
LS-Drive features soft start / stop for increased reliability and reduced door maintenance. We have tested the LS-Drive to perform in busy small carparks.

SAFE AND COMPLIANT
Meets all applicable regulatory standards. Grifco performs thorough testing to ensure products are indeed safe and compliant.

EXTRUDED RAIL
The brand new, purpose-designed extruded rail is built around high cycle operation and strength. It has a clever mounting method and integrated cable management.

CAR PARK READY
LS-Drive has been designed with the necessary logic for carpark operation, including safety inputs and transmitter “open only” configuration.

Typical Installation & Specifications
Spring balanced light commercial overhead sectional doors, common in small multi-tenanted building carparks and other light commercial applications.

Main AC Power Supply 230-240 VAC 50Hz, 225W
System Operating Voltage 24 VDC Transformer
Accessory Power Continuous unregulated 30 VDC, 50 mA max
Switched regulated 24 VDC, 150 mA max
Max Door Heights (Part No.) 2.4m (GLD-R2.4M) / 3.0m (GLD-R3.0M)
Maximum Door Weight 160 kg balanced door
Maximum Door Area 15m²
Opening Travel Speed 14.2cm per second
Closing Travel Speed 7.6cm per second - Default speed
14.2cm per second - Fast speed for light weight doors
Max. Door Cycles 50 cycles / day
Operating Temperature +5°C to +40°C
Transmitter Management 64 Devices, compatible with STAR1000EVO (sold separately)
Timer-to-Close 10 - 180 seconds (10 second increments)
Compliance AS/NZS 60335-1 / AS/NZS 60335-2-103 / AS/NZS 4417.1

Certificate of Suitability
LS-Drive has been tested to comply with multiple relevant Australian Standards pertaining to commercial doors. The published CoS is available to all customers on request.
Battery Backup Compatible
Access your carpark, even when the power’s out with Grifco’s battery backup. Unit simply plugs into the top of the opener to provide uninterrupted operation in the absence of power.

Easy Logic Configuration
The LS-Drive logic is easy to use, built around quick setup and adaptability. Onboard buttons and flashing LEDs make the setup process intuitive and quick. The operator has an "open-only" input feature, meaning transmitters and other access control devices send open signals only - ideal for multi-user carparks.

Commercial Wiring Terminals
The control panel features commercial terminals for easy connection of safety and control devices.

Security +2.0 Remote Control
LS-Drive features the industry-leading SECURITY +2.0 REMOTE CONTROL radio technology. This advanced platform cuts through interference, and ensures consistent, reliable and long range operation. Transmitter management can be easily added to the installation, with the addition of the STAR1000EVO device.

Extruded Aluminium Rail
The one-piece black-anodised extruded rail is extremely robust. The pre-assembled unit doesn’t require any joining or additional mounting.

Extrusion allows for the safety beam cables (supplied with LS-Drive) to be neatly tucked into the side walls of the rail. This prevents the need to cable tie or manage loose, dangling wires.

MyQ Connectivity
Access and control your carpark door from anywhere in the world with myQ connectivity.

2 Rail Lengths with Mounting Flexibility
The 2 rail length options (for 2.4m max or 3.0m max high doors) feature a rail extrusion with continuous channels down each side. Channels allow for an M8 bolt head to slide along to the desired ceiling mounting position. This flexibility allows ceiling mounting to accommodate typical obstacles such as air conditioning, ventilation or lighting equipment.

Safety Beam Cable Management
The extrusion allows for the safety beam cables (supplied with LS-Drive) to be neatly tucked into the side walls of the rail. This prevents the need to cable tie or manage loose, dangling wires.

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**ORDER CODES**

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<tr>
<td>GLD-SDO-R2.4M</td>
<td>LS-Drive Operator, Rail for door max 2.4m high, 774ANZ Safety Beams, E9600G 4-Channel Transmitter</td>
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<tr>
<td>GLD-SDO-R3.0M</td>
<td>LS-Drive Operator, Rail for door max 3.0m high, 774ANZ Safety Beams, E9600G 4-Channel Transmitter</td>
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<tr>
<td>GLD-SDO-R2.4M-BBU</td>
<td>LS-Drive Operator, Rail for door max 2.4m high, 774ANZ Safety Beams, E9600G 4-Channel Transmitter, Battery Backup</td>
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**ACCESSORIES**

**Wired Controls and Peripherals**

- Wall-mounted Key Isolator
  - Part No. KS108
- Emergency Stop Button
  - Part No. PU100
- Strobe Lights and Sounders
  - Part No. BS2224

**Remote Access Devices**

- 4-Channel Keyring Transmitter
  - Part No. E960G
- Bulk Pack Coming Soon!
- 3-Channel Keyring Transmitter
  - Part No. E945G
- 2-Channel Wireless Wall Transmitter
  - Part No. E138G

**BBU & Connectivity**

- Transmitter Management (1,000 devices)
  - Part No. STAR1000EVO
- Internet Gateway for myQ Connectivity
  - Part No. G828AU
- Battery Backup Unit
  - Part No. GLD-BBU24V
- Wireless Security Keypad
  - Part No. E840G

**Your Local Grifco Professional Dealer**

AU: 1800 GRIFCO | www.grifco.com.au
NZ: 0800 653 667 | www.grifco.co.nz

Chamberlain Australia Pty Ltd
Head Office - Unit 1, 75 Epping Rd North Ryde NSW 2113
Manufacturing - 15 Dell Rd, West Gosford NSW 2250

Chamberlain Branches
Sydney - Unit 1, 75 Epping Rd North Ryde NSW 2113
Melbourne - Unit 15, 85-91 Kelior Park Dr Tullamarine VIC 3043
Brisbane – Unit 19, 140 Wecker Rd Mansfield QLD 4122
Perth – 54 Milrose Dr Malaga WA 6990

Chamberlain New Zealand Ltd
17A Arrenway Dr, Rosedale 0632 Auckland NZ