

GRIFCO®

POWERING COMMERCIAL DOORS



**LIGHT COMMERCIAL
ROLLER DOOR OPERATOR**





The High Roller. Faster, Stronger, Thinner, Smarter.

LR-Drive heralds the latest addition to the Grifco Light Commercial portfolio. It has been specifically designed for large and wind-locked roller doors. It is also ideal for shopfront roller grilles thanks to commercial terminals that allow dedicated open and closing.

- Faster:** LR-Drive opens a 2.4m high door in only 21 seconds. Fastest in its class!
- Stronger:** The powerful motor and gearbox can lift roller doors up to 28m²
- Thinner:** The incredibly thin operator requires only 45mm of sideroom clearance
- Smarter:** LR-Drive is myQ compatible and features dedicated inputs for open / close



LASTING PERFORMANCE

LR-Drive has been designed for the heaviest of roller doors. Its cast aluminium sungear rotates on bearings and the powerful motor and gearbox combine for durability and strength.



SAFE AND COMPLIANT

LR-Drive is compliant with both commercial and residential relevant standards. Grifco performs thorough testing to ensure our products are safe and compliant.

Battery Backup

RELIABLE OPERATION

LR-Drive is supplied with a separate 24VDC BBU unit that can attach to the rear of the operator or wall mount. The unit provides uninterrupted operation of the door in the absence of power.



INTERNET CONNECTIVITY

myQ connectivity allows users to monitor and control their door from anywhere in the world. myQ connectivity requires the myQ Gateway and Grifco monitored safety beams (not provided).



INDUSTRY LEADING WARRANTY

LR-Drive is supplied with a significant warranty to suit both residential and light commercial applications. The 2 Year / 10,000 Cycle warranty is best-in-class and covers the entire operator and BBU.

Specifications

Power Specifications

Main AC Power	230-240 VAC 50Hz
Max. Pull Force	1,300N
Power	150W
Operating Temp	-20°C to +50°C

Door Specifications

Max Door Height	5.5m
Max Door Weight	270kg
Normal Torque	45Nm
Door Type	Commercial Steel Spring-Balanced Roller Door or Grille
Max. Door Size	28m ² 22m ² wind-locked
Max. Door Cycles	50 cycles / day

Dimensions

Operator Dims	470 (H) x 280 (W) x 95mm (D) 470 (H) x 280 (W) x 150mm (D) with BBU
Side Room Clearance	45mm between door drum and mounting bracket
Operator Depth	95mm, 150mm with BBU (Door Curtain to Wall)
Tines	2 x 90mm diecast aluminium tines

General

Compliance	AS/NZS 60335-1 AS/NZS 60335-2-103
Warranty	2 Years / 10,000 Cycles

Typical Applications

LR-Drive has been designed to operate continuous-sheet spring-balanced roller doors and grilles, typically found in the following applications:



Large or Wind-locked Garage Doors



Sheds



Light Industrial Units and Warehouses



Retail Shopfront Doors and Grilles



Included Accessories

LR-Drive is supplied with a Battery Backup Unit, 2 x E960G 4-channel keying transmitters and 1 x E138G wireless wall control.





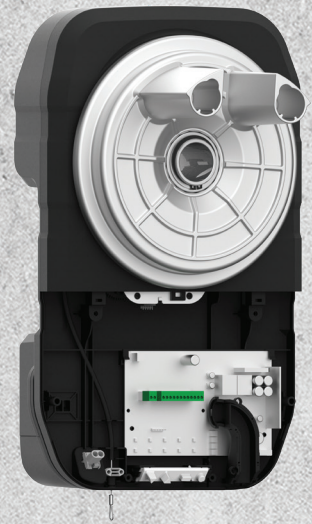
Safe Operation

Door operator buttons are angled at 45° to prevent fingers from sliding in between the operator and the rolled up door curtain.



Easy Commissioning

Removing the front panel reveals the programming buttons and an easy-to-use terminal staging area. Wiring is easily directed up through a 20mm conduit entry in the staging area.



Convenient Maintenance

The most commonly serviced parts of LR-Drive, namely the PCB and encoder, can be serviced whilst the operator is installed, thanks to the removable lower front panel.



Onboard BBU

LR-Drive is supplied with a battery backup unit. The BBU unit can be mounted directly to the rear of the operator, or wall / ceiling mounted if side room doesn't allow.



Minimal Sideroom Clearance

LR-Drive maintains a super-slim 45mm thickness in between the door drum and the wall bracket. The BBU is designed to mount to the rear of the operator, however can be easily removed and wall or ceiling mounted via the 1m of extension cable.

ORDER CODES

Part No. kW Max Pull Force Torque Voltage Max. Door Weight Max. Door Size Duty Cycle

LR-Drive Operator | BBU

GLD-RDO	0.15kW	1,300N	45Nm	24VDC	270kg	28m ²	LC-10
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Operator supplied with Battery Backup Unit, 2 x E960G Keyring Transmitters and 1 x E138G Wireless Wall Control

Replacement BBU Unit

GLD-BBU24V	24VDC Battery Backup Unit						
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COMPATIBLE ACCESSORIES

Wired Accessories



Surface Mounted Door Activation Keyswitch

Part No. **KS103**



Stainless Steel Recessed Door Activation Keyswitch

Part No. **KS106**



Sounder Warning System 20dB

Part No. **GWS-S24**



Flashing Light Warning System Red (also available in green and yellow)

Part No. **GWS-L24R**

Remote Access Devices



4-Channel Keyring Transmitter (2 x included)

Part No. **E960G**

2-Channel Wireless Wall Transmitter (1 x included)

Part No. **E138G**



Transmitter Management (1,000 devices)

Part No. **STAR1000EVO**

3-Channel Visor Transmitter

Part No. **E943G**



Wireless Security Keypad

Part No. **E840G**



Monitored Entrapment Protection Systems



Reflective Monitored Safety Beams

Part No. **GPS15**

Monitored Safety Beams



Part No. **774ANZ**

myQ Connectivity



Internet Gateway for myQ Connectivity

Part No. **G828AU**

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