

# PRINCE

Operator  
for Swing Gates



CE



- The magnetic ENCODER, built in PLUS versions, detects when the gate comes into contact with an obstacle, and reverses the movement (as required by new European regulations EN12453, EN12445 and by American regulation UL325) without the need to fit edge sensors.
- The PRINCE 24V PLUS combined with the KS2 24V control board allows also to obtain the ABIS anti-intrusion alarm system (patented) which detects any attempt by vandals to force the gate leaves open. The control board detects the attempt to force the gate open and automatically operate the motors in the opposite direction to

counter the movement. At the same time it activates a **sound alarm** (optional - code ACG2278) to signal the break in attempt.

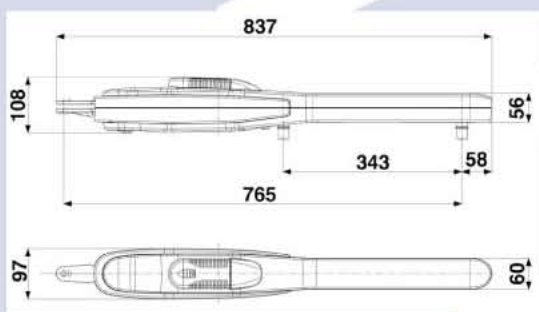
- The PRINCE 24V PLUS combined with the ENCODER allows **slow-down of the gate in approaching** to the final positions, giving the movement a still greater sense of safety and fluidity.
- Key release and mechanical stopper in opening provided. It is possible to insert easily the stopper also in closing.
- PRINCE, with the optional buffer batteries, means that black-outs will pass totally unnoticed. In fact it is possible to do up to **90 cycles** during the black out period. PRINCE 24V can **work without batteries too**.

for Swing Gates with each leaf long up to 2mt and weighing up to 200kg

- AD00815 PRINCE 24V PLUS SINGLE with magnetic encoder to detect obstacles (SOLD AS KIT)
- AD00816 PRINCE 24V PLUS DUAL with magnetic encoder to detect obstacles (SOLD AS KIT)



An electric lock must be fitted to ensure efficient closing.



Measurements in mm

\* With incorporated mechanical stopper for opening limit.  
If the mechanical stopper is used during closing (optiona code ACG8088), the maximum stroke is reduced by 30 mm.  
The use of the PRINCE PLUS versions is not advisable with blind leaf gates in windy areas.

## TECHNICAL DATA

		PRINCE 24V
Max. leaf length	m	2
Max. leaf weight	Kg	200
Max. stroke	mm	343*
Average opening time	s	14
Max. thrust	N	1500
Power supply	V	24
Max. power absorbed	A	3,72
Actuator weight	Kg	10
Protection grade	IP	44
Nominal cicles		∞/14s
Daily cicles suggested		60
Service		80%
Nr of consecutive cicles guar.		60/14s

for Swing Gates

**GLIDEROL**  
GARAGE DOORS

Opening doors around the world®

# Kit Sets



for Swing Gates leaves weighing up to 200Kg and long up to 2mt

- AD00815 KIT PRINCE 24V SINGLE LEAF (with current sensor and encoder)
- AD00816 KIT PRINCE 24V DUAL LEAF (with current sensor and encoder)



## KIT PRINCE 24V SINGLE

Contains: 1 PRINCE 24V with built in encoder to detect the obstacles, 1 KS2 24V electronic control board, 2 Glide-a-Code 315 mHz 3 button Transmitters and 315 mHz Receiver, 2 mechanical stops per arm, pre-wired with 3 pin 240v power cord and plug, and instruction manual.

## KIT PRINCE 24V DUAL

Contains: 2 PRINCE 24V with built in encoder to detect the obstacles, 1 KS2 24V electronic control board, 2 Glide-a-Code 315 mHz 3 button Transmitters and 315 mHz Receiver, 2 mechanical stops per arm, pre-wired with 3 pin 240v power cord and plug, and instruction manual.

### Australian Offices International Manufacturers and Licensees

**Head Office South Australia**  
Gliderol Garage Doors  
32 Jacobsen Crescent  
Holden Hill SA 5088  
Telephone: (08) 8261 9633  
Facsimile: (08) 8266 4712

**Southern Office**  
1 Breidbo 5L  
Lonsdale South Australia 5160  
Telephone: (08) 8186 4040  
Facsimile: (08) 8266 4712

**New South Wales**  
Manufacturing Complex  
45 Sammut Street  
Smithfield NSW 2164  
Telephone: (02) 9725 1033  
Facsimile: (02) 9725 1115

**Sales Office & Showroom**  
3a Alexander Street  
Auburn NSW 2144  
Telephone: (02) 9644 6533  
Facsimile: (02) 9644 6544

**Newcastle**  
Unit 2-87 Glenwood Drive  
Thornton NSW 2322  
Telephone: (02) 4966 8500  
Facsimile: (02) 4966 8511

**Wollongong**  
Unit 2-1 Lugd Drive  
Unanderra NSW 2526  
Telephone: (02) 4272 3220  
Facsimile: (02) 4272 3084

**Queensland**  
45 Harvey Street  
Eagle Farm QLD 4009  
Telephone: (07) 3868 2766  
Facsimile: (07) 3868 2760

**Victoria**  
23 Kitchen Road  
Dandenong VIC 3175  
Telephone: (03) 9793 5455  
Facsimile: (03) 9706 8492

**Western Australia**  
Perth  
21 Prindville Drive  
Wangara WA 6065  
Telephone: (08) 9409 3000  
Facsimile: (08) 9406 3200

**Bunbury**  
Unit 4, 31 Denning Road  
Bunbury, WA, 6230  
Telephone: (08) 9721 7600  
Facsimile: (08) 9721 7600

**Tasmania**  
Gliderol Garage Doors Pty Ltd  
C/O 23 Kitchen Road  
Dandenong VIC 3175  
Telephone: (03) 9793 5455  
Facsimile: (03) 9706 8492

**United Kingdom**  
Gliderol Roller Doors Ltd  
Davy Drive  
North West Industrial Estate  
Peterlee, County Durham SR8 2JF, UK  
Telephone: +44 191 518 0455  
Facsimile: +44 191 518 0548

**Singapore**  
Gliderol Doors (S) Pte Ltd  
No 86 International Road  
Singapore 629176  
Telephone: 65 266 6668  
Facsimile: 65 266 6866

**United States**  
Gliderol International  
Jim Pace  
2317 Ridgewood Drive  
Plano, Texas 75074  
Telephone: 1 972 423 9075  
Facsimile: 1 972 423 8735  
Email: jamepace@excite.com

**Saudi Arabia**  
Al-Moosa Garage Doors  
Al Hassa, Dhahran Street  
PO Box 10070 P.O. Code 31092  
Telephone: (03) 966 3 587 3660  
Facsimile: (03) 966 3 587 8050

**Bahrain**  
Abbas Biljeek & Sons  
PO Box 308  
Manama, Bahrain  
Telephone: +973 17 401 555  
Facsimile: +973 401 333

**United Arab Emirates**  
ADESCO  
PO Box 43217, Abu Dhabi  
United Arab Emirates  
Telephone: 9712-393 915  
Facsimile: 9712-393 965

**Al Adhani & Partners**  
Electronic Doors  
PO Box 1510  
Doha, Qatar  
Telephone: 974 4884 340  
Facsimile: 974 4884 336

**India**  
Indo-Germa Products Ltd  
No 14 Pattuluss Road  
Chennai 600 002  
India  
Telephone: +91 44 2 852 0075  
Facsimile: +91 44 2 852 0047

**Taiwan**  
**Republic of China**  
Gliderol Taiwan Ltd  
105 Chung Shing Road  
Hsin Shing Tsun  
Lu Chiu Hsiang  
Taoyuan Hsien  
Taiwan ROC  
Telephone: 886 3 323 9200  
Facsimile: 886 3 323 9161

**Thailand**  
Gliderol Doors (Thai) Co. Ltd  
24/32 Moo 6, Bangna-Trad Road,  
Bangpaohong, Simulprakam 10540  
Thailand  
Telephone: (662) 740 02313  
Facsimile: (662) 740 0235

# Accessories for PRINCE 24V



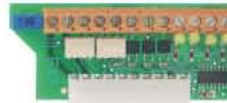
**ABKS109 KS2 24V**  
control board (for 1 or 2 PRINCE 24V) with Encoder control and ABIS system.



**ACG2133 ENCODER CABLE**  
for PRINCE PLUS - Encoder connection  
Shielded - L=10mt



**ABK0025 K2 24V-CRX**  
control board (for 1 or 2 PRINCE 24V) with current sensors and radio receiver 433MHz.



**ACG5471 EXPANDER 24V** to add extra features to KS2 24V.



**ACG4648 BATTERY CHARGER**  
for K2 24V and KS2 24V



**ACG9515 BATTERY**  
2,2Ah 12V (order 2 pieces for each ACG4648)



**ACG8660 HORIZONTAL LOCK**  
right hand side - external view  
12Vac



**ACG8088 STOPPER**  
mechanical stopper to add in case of lack of the stopper on the ground in closing position



**ACG8650 VERTICAL LOCK**  
12Vac



**ACG8670 HORIZONTAL LOCK**  
left hand side - external view  
12Vac



**GLIDEROL GARAGE DOORS**

A Division of Gliderol International Pty Ltd  
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An Australian Manufacturing Company



**HANDSET TM305B**  
(requires use in conjunction with stand alone 315MHz receiver)



**ACG5000 MECHANICAL BOLT**  
for 2-leaf gates to latch closed gate to the ground