



MAGIC BUTTON

Swing Gate Motors

MAGIC BUTTON® 5000



Application

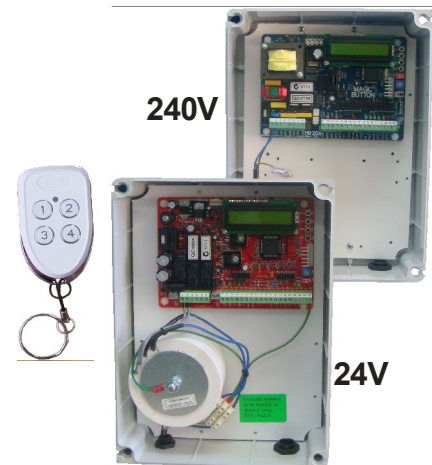
The Magic Button® 5000 range of swing gate motors are designed to provide the most simple and cost effective solution for domestic/commercial swing gates.

Power Range

The Magic Button® 5000 range of swing gate motors have a traction force range of 400N – 3000N with grease lubricated screw drive.

Australian Logic Controls

The Magic Button® logic control units with on board software are designed, developed & assembled by Liftmaster in Australia for Australian conditions. With an Australian approved 240V/24V on board transformer & high and low voltage fuses with varister and optic coupling the logic board is designed to cope with Australia's variable and often over voltage supply.



Secure Locking and simple Disconnect

The motor and gear unit can not be reversed under normal conditions. A keyed locking device is provided to put the motor into manual operation under power failure conditions.

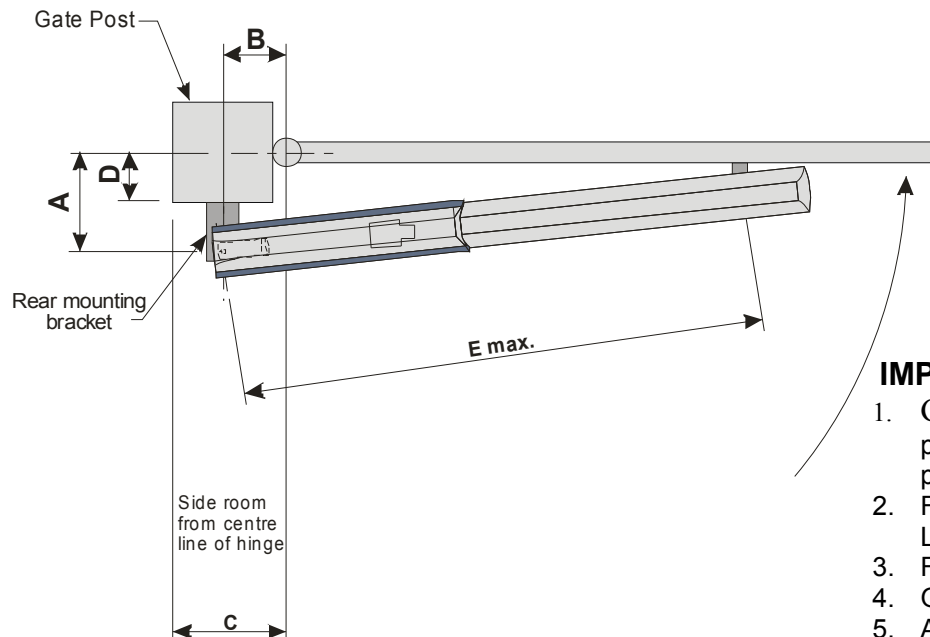
Motor Travel Limits

Mechanical travel limits are located under the motor cover. Physical ground stops are also recommended in the open and closed position.

Warranty

The Magic Button® 5000 operators have a 24 month warranty. (subject to terms and conditions).

MAGIC BUTTON 5000 Technical Specifications



IMPORTANT NOTICE:

1. Ground stops in both open and closed positions as well as photo electric protection **MUST** be installed.
2. For outward opening gates consult Liftmaster.
3. For gate leaves over 5m consult Liftmaster.
4. Gate lock required on gates over 1.8m.
5. All operational specifications subject to on site wind loading and gate construction.

Table 1. Motor Specifications

Motor	Power Supply	Current Amps	Max. Power (W)	Duty Cycle	Max. Open Angle	Max. Leaf Width	Travel Time (Sec)	I P Rating	Temp. Range C°	Thrust Force	Thermal Cutout
MB5000 SHORT	240V	1.2	200	50%	120°	3m	17	54	-20 /+55	400÷ 3000 N	140°
MB5024 SHORT	24V	10 Max	110	Intensive	120°	3m	Variable	54	-20 /+55	400÷ 3000 N	N/A
MB5000	240V	1.2	150	50%	130°	5m	17	54	-20 /+55	400÷ 3000 N	140°
MB5024	24V	10 Max	120	Intensive	130°	5m	Variable	54	-20 /+55	400÷ 3000 N	N/A

Table 2. Installation Data for 90°

Motor	A	B	C	D*2	E
5000 Short	130	130	250	60 max *3	720
5000	200	200	250	120 max *3	920

Table 3. Installation Data for 120/130°

Motor	A	B	C	D*2	E
5000 Short	110	130	250	60 max *3	720
5000	140	200	250	70 max *3	920

- *1. Travel time on 24V motors for gates over 1.5m should be increased to slow travel speed. Ref. MB226 Manual.
 *2. If dimension 'D' is greater than in tables 1 or 2 refer to our harmonic arm ART motor.
 *3. For gates opening greater than 90° dimension 'D' will reduce, subject to hinge position.

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