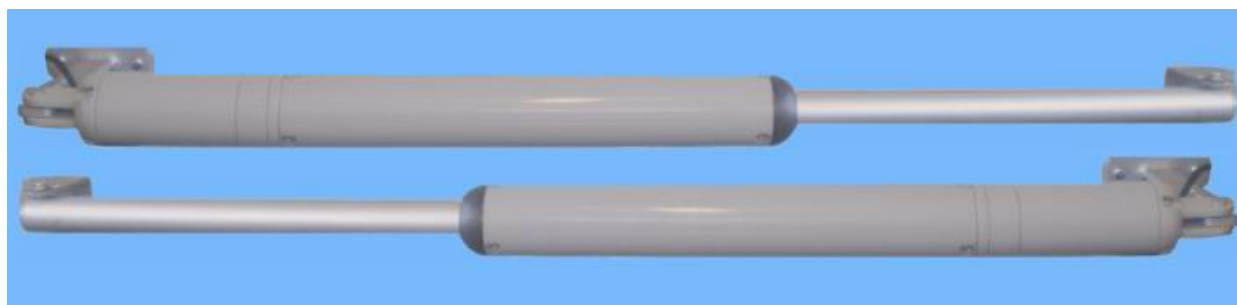


## Linear Auto Gate Opener

*Take the effort out of opening and closing your swing gates by installing this fully automatic slimline gate opener with 2 remote controls.*

*Simply press the remote button to operate your gates from the comfort of your vehicle or inside of your home.*



The AP-280 is an AC/DC system, the control panel requires to be plugged into a standard power point near the gates, the control panel then converts the AC power to DC to, a-Run the 12V DC motors, b-Recharge the internal battery if required.

The AP-280 is also available in a ALL SOLAR powered system for the convenience of customers without AC power near the gates.



Close up of the actuator motor showing the T bracket that mounts on to a post or pier



Close up of the actuator showing the bracket that mounts on to the gate

### FEATURES:

**Heavy Duty Operator:** Screw type Liner actuators 2x12V DC motors for gates up to 200kg and 3.5m wide.

**Backup Battery:** 4 Ah back battery rechargeable by the control panel.

**Remote Controls:** 2 Remote controls, 4 button programmable (self teaching) high security rolling code for the convenience of operating 2 functions for this gates opener (2 gates opening or pedestrian entry single gate) and up to 2 different garage doors or other gates etc.

**Keypad, Key Switch, push buttons, Intercom etc:** Option for installing additional controls such as keypad, Key Switch, push button or Intercom with gates opening function.

**Slow Down Speed:** The gates will slow down automatically at the end of closure and opening for smooth and safe operation.

**Pedestrian Mode:** You can operate 2 gates or a single.

**Learning Cycle System:** The unit's computerized control panel learns the operating time-cycle and opening angles of each gate and sets itself automatically to slow down at the end of closure and opening.

**Sealed Casing:** Water proof / dust proof Control panel and motors to prevent insects, dust and rain from damaging the unit to and ensuring long lasting operation.

**Safety Anti-Crash Sensor:** Built-in over-current sensor protects the motor from damage in case the gate closes on an object accidentally

**Option for Safety Sensor:** With ZERO Current consumption on stand by. You can connect photo electric sensors that will prevent the gates from opening when something is in the way..

**Option for electric lock:** You can install an electric gate lock that will open a split moment before the gates opening

**Courtesy light option:** You can connect a courtesy 12v light that will operate during opening and closing.

**Auto-Close Operation:** Programmable dip switch YES / NO for automatic gates closer with timer

**Opening inward and outwards:** Opening Angle up to 110°

#### Kit Includes

- 2 Actuators, pre wired with short and long cables
- 1 Control Panel, pre wired and ready to plug into a power point
- 1 Back up Battery 12V,4Ah for emergency power failure operation
- 2 Remote controls top security (4 Channel)
- All required Brackets
- Installation Guide



#### Specifications

Power supply 240V Ac and 12VDC  
Power supply of motor 12VDC  
Power supply to accessories 12VDC  
Radio frequency 433.92 MHZ

Learning type receiver  
 High range operation remote controls up to 100m in open space  
 Gate Width 3.5M (1.75 + 1.75)  
 Gate Weight 200 kgs Max. (100 + 100)  
 Overload Protection by Control Unit  
 Stroke Length 304mm

**Example of Fixing the gate openers to Piers or Posts Not to scale**

**PULL TO OPEN GATES INWARD**

Opening Angle	A(cm)	B(cm)
90°	15-18	14-20
120°	18	14-20

**Example of Fixing the gate openers to Piers or Posts Not to scale**

**PUSH TO OPEN GATES OUTWARD**

Opening Angle	A(cm)	B(cm)
90°	15	15
110°	18	18