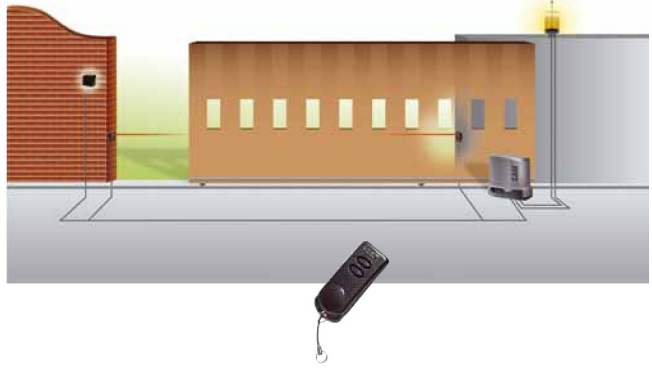




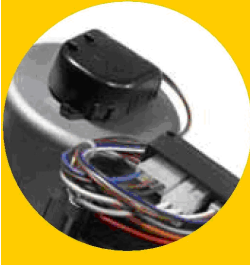
**500MASTER Series**  
**Sliding Gate Openers**  
**Maximum Gate**



The “**MASTER**” series of motors consists of a complete range of products for automating sliding gates for Residential and Condominium use.

The 230 Volts ac version is capable for gates up to 2000 kg.  
 The 12 Volts dc low-voltage version is capable for gates up to 1200 kg.

**Safety**



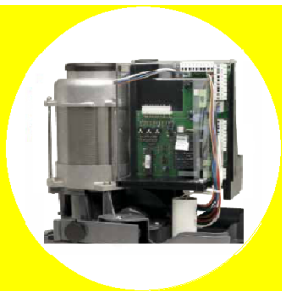
**Safety:**  
 The Encoder Technology is standard on all versions to guarantee constant and reliable obstacle control

**Ground Mounting**



**Ground Mounting:**  
 More secure due to the 4 fixing points and the practical height adjustment.  
**Cover:**  
 Made of non-scratch UVA-resistant technopolymer.

**Control Electronics**



**Control Electronics:**  
 Fully protected and inaccessible to external agents. Quick and intuitive programming due to the signaling LEDs.  
**Radio Receiver:**  
 Two-channel Frequency 433.92 MHz, 24 codes capable as standard on the 500D705M Controller of the in the MASTER20QM only  
**Battery:**  
 A Battery Charger Card integrated with the 500K123M Controller on the 500MASTER12Q only

**Performance requirements for your gates.**

This is where the expectations of performance are matched against the capabilities of the TAU 500MASTER Series Sliding Gate Openers.

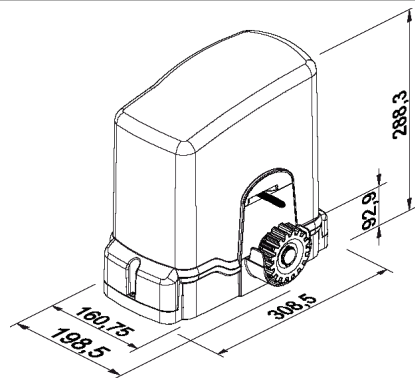
**There are two versions available:**

**500MASTER20QM 230 Volts ac** version (now with Magnetic Limit Switch system for easy maintenance) for residential and light industrial use.

**500MASTER12Q 12 Volts dc** version for more intensive apartment and light industrial use. In the event of a power failure, it is able to be powered by a 12V dc Rechargeable Back-up Battery, which enables the gates to continue working for up to 10 operations before mains power is required to be reinstated.

Performance Required	500MASTER20QM	500MASTER12Q
Gate Length	Up to 11 metres per leaf open style gate design	
Gate Opening Time (approx.)	175 mm per second	183 mm per second
Usage per hour	Up to 8 times	Up to 30 times
System Power Requirement	Mains Power Only	Mains Power and Battery Back-up Operation
Weight of Gate	Up to 2,000 kgs	Up to 1,200 kgs

**Dimensions**



# GATE AUTOMATION CONTROL EQUIPMENT

## Accessories

### Operational options for your automation system

How you want to operate your automated gate/s is an important decision in choosing which Accessories will allow you to use your gate automation system to your specific requirements.

Key components of control for effective operation includes:-

- **Remote Control**

Each TAU 500MASTER Series Automatic Gate Opening System has the option of using a TAU 2 or 4 Button Radio Remote which can be programmed into the MASTER20QM 500D705M Controller's inbuilt 2 channel Radio Receiver or the optional plug-in 2 channel Radio Receiver of the MASTER12Q 500K123M Inbuilt Controller.

The second channel of the inbuilt or optional 2 channel Radio Receiver could be used to operate garden/security lights or to keep the gates open for extended periods.

- **Keypad Entry**

For those who require visitor entry, a weather durable PRESCO VR Series Keypad is available and can be positioned at a suitable height at the entrance way. The KC-2 Keypad Controller offers up to 125 individual user codes.

- **Safety Photocells**

It is recommended that each TAU MASTER Series Automatic Gate Opening System is installed with a set of safety Photocells across the gateway that will recognise an obstacle is in pathway of the gate, and will prevent the gate/s from closing until the obstacle is removed.

- **Safety Features**

The TAU 500D705M Controller used with the TAU 500MASTER20QM 230V ac Motor has an electrical anti-crush safety clutch.

The TAU 500K123M Controller used with the TAU 500MASTER12Q 12V dc Motor has an electronically controlled, anti-crush safety clutch.

- **Automatic Realignment**

Should the mains power supply be disrupted for a long period of time the TAU 500MASTER12Q'S 500K123M Controller include an Automatic Realignment feature, that ensures the first operation (Radio Remote or other opening/closing signal device) upon the mains power being restored, will realign the gates to the last state before the power was disconnected.

- **Minimal Noise Production**

The TAU 500MASTER12Q Motor is fitted with an Encoder — a special detection system which moves the gate rapidly, then slows it down towards the end of its travel, in order to prevent noisy impacts and rebounds.

### Radio Remote Control



**250K-SLIM**  
2 Button Remote



**250T-4**  
4 Button Remote

### Keypad Entry



**VR43**  
Keypad



**KC-2**  
Controller

### Safety Photocells



**900OPTIC**  
Range 20 metres



**900FOTEC**  
Adjustable up to 180°

### Adjustable Mounting Plates



**550CPM**



**550CPMR**

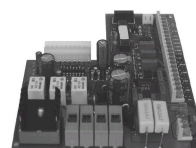
## Control Devices

### Universal Radio Receiver

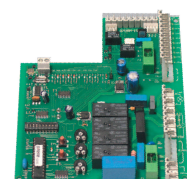


Single & Multi channel options to interface to existing Garage Door Openers etc.

### Control Boards



**500K123M**  
12V dc



**500D705M**  
230V ac