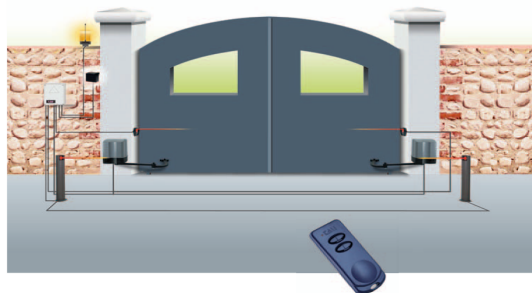




## 650EASY Series

### Swing Gate Drives

Maximum gate leaf length 2.3 metres



The '650EASY Series' Electromechanical Gearmotor is a highly practical system for automating a swing gate in the event of special or difficult installation conditions due to extremely large pillars, for gates up to 2.3 metres in length and 200 kgs.

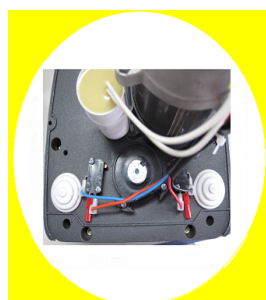
## Safety



### Safety:

The Encoder Technology included in the EASY12 12V dc Motor guarantees constant and reliable obstacle control

## Limit Switches



### Limit Switches:

The 650EASY 230V ac has built in stopping Limit Switches for setting the travel of the gate/s.

## Manual Release



### Manual Release:

In the event of a mains power failure, there is a quick and easy system for manual override release.

## Performance requirements for your gates.

This is where the expectations for performance are matched against the capabilities of the TAU 650EASY Series Swing Gate Drives.

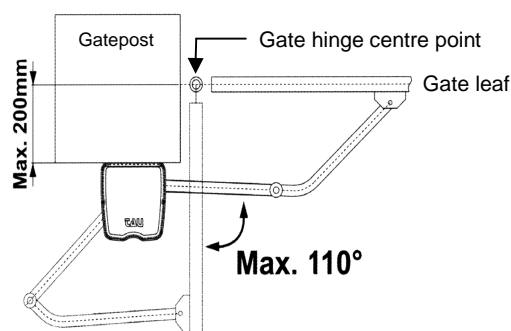
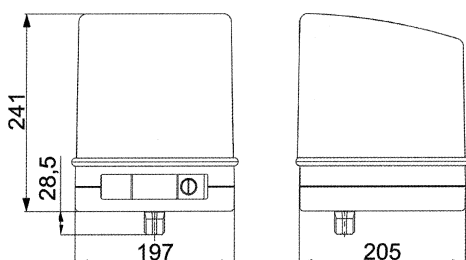
**There are two types available:**

**650EASY/QR 230 Volts ac** version for normal residential and light industrial use.

**650EASY12 12 Volts dc** version for more intensive residential and light industrial use. In the event of a power failure, it is able to powered by a 12V dc Rechargeable Back-up Battery, which enables the gates to continue working for up to 10 operations in 24 hours before mains power is required to be reinstated before mains power is required to be reinstated.

Performance Required	650EASY/QR	650EASY12
Gate Length	Up to 2.3 metres per leaf open style gate design	
Gate Opening Time (approx.)	16 sec/90°	10 sec/90°
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 200 kgs per leaf @2.3 metres	

## Dimensions



The maximum distance from the rear of the gatepost to the gate hinge centre point can be no greater than 200 mm for 90° opening

# GATE AUTOMATION CONTROL EQUIPMENT

## 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**

The **TAU 750D727M Controller** has a 2 channel built-in dip-switch/rolling code Radio Receiver with the option of using a TAU 2 Button Radio Remote.

Channel 1 – hardwired for full vehicle access.

Channel 2 – voltage free contact - can be used to operate the garage door drive, pedestrian access, garden/security lights or to keep the gates open for extended periods

The **TAU 750D749MA Controller** has a 3 channel built-in rolling code Radio Receiver with the option of using a TAU 2 or 4 Button Radio Remote.

Channel 1 – hardwired for full vehicle access.

Channel 2 – voltage free contact - can be used to operate the garage door drive, garden/security lights or to keep the gates open for extended periods.

Channel 3 – hardwired for pedestrian access.

- **Keypad Entry**

For those who require Keypad control for visitor entry, the weather durable ROSSLARE dimmable illuminated keypad or SEBURY illuminated Keypad both have 2 outputs to allow for vehicular and separate pedestrian access.

- **Safety Photocells**

It is recommended that each TAU 650EASY Series Automatic Gate Opening System is installed with a set of Safety Photocells that recognise when an obstacle is across the gateway, preventing the gates from closing until the obstacle is removed.

- **Safety Features**

The TAU 750D727M Controller used with the TAU 650EASYQR 230V ac Motor has an electrical anti-crush safety clutch.

The TAU 750D749MA Controller used with the 650EASY12 12V dc Motor has an electronically controlled, anti-crush safety clutch.

- **Automatic Realignment**

The TAU 750D727M and TAU 750D749MA Controller Include an Automatic Realignment feature, that ensures the first operation (Radio Remote or other opening/closing signal device) upon the power being restored, will realign the gates to the last state before the power was disconnected.

- **Minimal Noise Production**

The TAU 650EASY12 12V dc 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



**TAU 250K-SLIMRP**  
2 Button Remote



**TAU 250T-4RP**  
4 Button Remote

## Keypad Entry



**ROSSLARE**  
**AC-Q41-SB**  
Up to 500 Users



**SEBURY**  
**W3-A**  
Up to 1200 Users

## Safety Photocells



**TAU 900OPTIC**  
Range 20 metres



**TAU 900FOTEC**  
Adjustable up to 180°

## Universal Radio Receiver

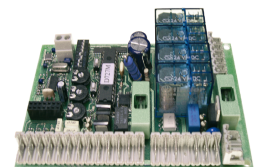


Single & Multi channel options to interface to existing Garage Door Openers etc.

## Control Boards



**TAU 750D749MA**  
12V dc



**TAU 750D727M**  
230V ac

Imported and marketed in New Zealand by GATE DRIVE SOLUTIONS LTD.

[www.gatedrivesolutions.co.nz](http://www.gatedrivesolutions.co.nz) Phone: 09 419 5483

The Information contained in this document is subject to change without notice. May 2017