

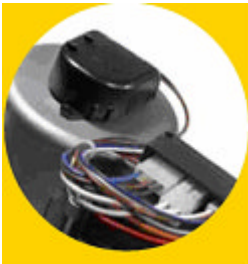


650ARM250 Series
Swing Gate Openers
Maximum Gate Leaf Length
4 Metres



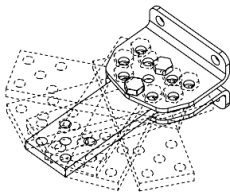
The “650ARM250” series of motors consists of a complete range of products for automating ‘open style’ swing gates for residential and light industrial use for up to 4 metres in length and 220 kgs.

Safety



Safety:
 The Encoder Technology on 650ARM250BENC's 12 Volt dc Motor guarantees constant and reliable obstacle control

Gatepost Mounting Bracket



Gatepost Mounting:
 A new adjustable gatepost mounting bracket allows for easy mounting on most gateposts

Manual Release



Manual Release:
 In the event of a mains power failure, there is a new 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 650ARM250 Series Swing Gate Openers.

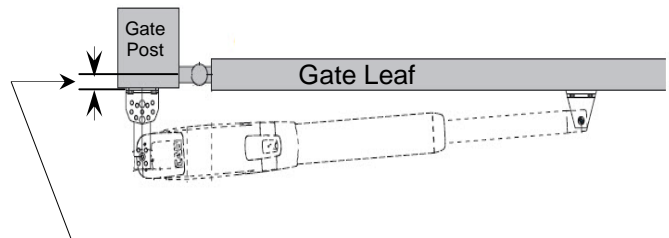
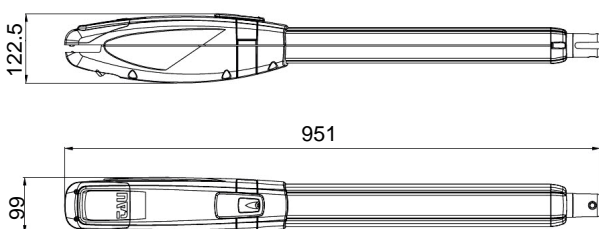
There are two versions available:

650ARM250 230 Volts ac version for normal residential and light industrial use.

650ARM250BENC 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.

Performance Required	650ARM250	650ARM250BENC
Gate Length	Up to 4 metres per leaf open style gate design	
Gate Opening Time (approx)	22 seconds	11-14 seconds
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 220 kgs per leaf @ 4 Metres	

Dimensions



The maximum distance from the rear of the gatepost to the gate hinge centre point can be no greater than 175mm for a 90° opening angle

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**

Each TAU 650ARM250 Series Automatic Gate Opening System has the option of using a TAU 2 or 4 Button Radio Remote which can be programmed into the 750D750M controller's inbuilt or 750D747M controller's optional plug-in 2 channel Radio Receiver.

The second channel of the 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, an optional weather durable TAU Radio Keypad, located outside of the gate is available and can be positioned at a suitable height at the entrance way. The TAU Radio Keypad has a range of 10-20 metres and offers up to 24 individual user codes (depending on selected Radio Receiver).

- **Photocells**

It is recommended that each TAU 650ARM250 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 750D750M Controller used with the TAU 650ARM250 230V ac Motor has an electrical anti-crush safety clutch.

The TAU 750D747M Controller used with the TAU 650ARM250BENC 12V dc Motor has an electronically controlled, anti-crush safety clutch.

- **Automatic Realignment**

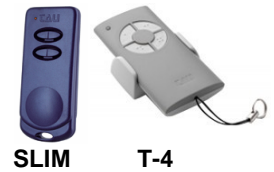
The TAU 750D750M and TAU 750D747M Series Controllers include an Automatic Realignment feature, that ensures the first operation (Radio Remote or other opening/closing signal device) upon the power being restored, will realign the gates to the last state before the power was disconnected.

- **Minimal Noise Production**

The TAU 650ARM250BENC Series 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. *(This feature is used with the TAU 750D747M Controller only)*

Accessories

**Radio Remotes
SLIM & T-4**
2 & 4 Button Remotes



**Keypads
300TSG**
Radio Keypad
24 User Code



**Photocells
900OPTIC**
Range 15 metres



Control Devices

**Controllers
750D750M**
For 1 or 2, 230V ac
Swing Gate Openers



750D747M
For 1 or 2, 12V dc
Swing Gate Openers



**Radio Receivers
Plug-in Radio Receivers**
1 & 2 channel



Universal Radio Receivers
Single or Multi channel options
interface to existing
Garage Door Openers etc

