



650ARM3000ENC

Swing Gate Drive

Maximum gate leaf length 4 metres

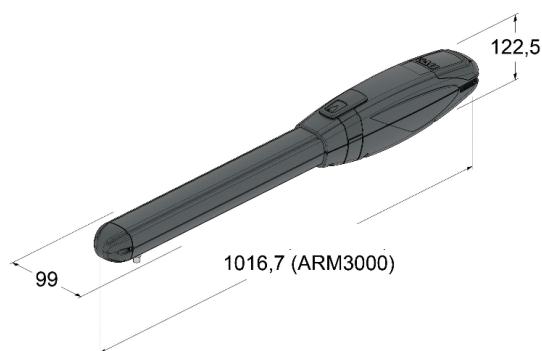
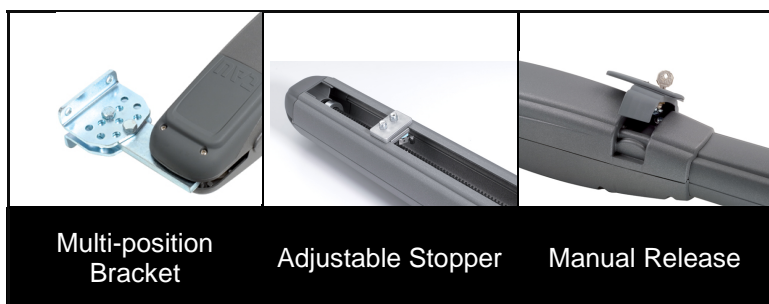


TAU S.r.l. 12Vdc electromechanical, covered screw, Linear Swing Gate Drive with Adjustable Stopper: **No Gate Stops Required.** For open bar style gate leaf up to 4 metres.

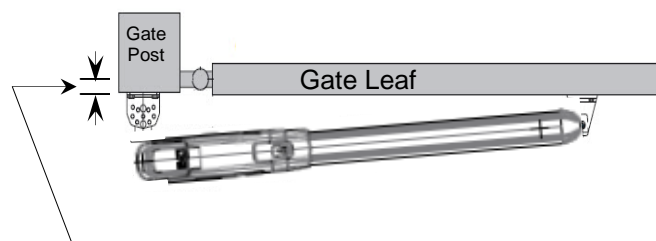
- Adjustable limit switches - electro-mechanical limit switches allow gate position adjustment even when gate stoppers are not used
- Manual override
- Multi-position adjustable mounting bracket
- Residential use
- Optical encoder technology
- Fast operating speed, approximate opening time 18 sec/90°
- Intensive use - 100% duty cycle when connected to 230Vac power source

Controlled by the *D749MA* Diamond series auto-adaptive algorithm Control Unit with the following features

- Built-in 3 channel 433.92 Mhz rolling-code radio receiver
- Built-in battery charger for power outage back-up battery operation
- Electronic obstacle detection and crush prevention. EN 12445-12453 standards
- Soft start and soft stop
- Multi coloured diagnostic LEDs



Technical features	650ARM3000ENC
Power supply (to control unit)	230 V AC (50 - 60 Hz)
Motor power supply	18 V DC
Motor absorption (no load)	1.3 A
Power rating	24 W
Max. opening time	90° 18 sec.
Duty cycle	100 %
Max. thrust	2600 N
Operating temperature	-20° C - +55° C
Degree of protection	IP 44
Electronic control unit	750D749MA



The maximum distance from the rear of the gatepost to the gate hinge centre point can be no greater than 95mm 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**

The **TAU 750D749MA Control Unit** 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 650ARM3000ENC 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 750D749MA Control Unit used with the 650ARM3000ENC 12V dc Motor has an electronically controlled, anti-crush safety clutch.

- **Automatic Realignment**

The 750D749MA Control Unit 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 650ARM3000ENC 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

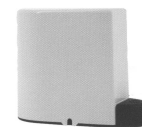


TAU 900OPTIC
range 20 metres



TAU 900FOTEC
adjustable up to 180°

Universal Radio Receiver



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

Control Unit



TAU 750D749MA
12V dc

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

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