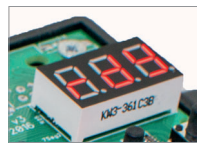


Sliding Gate, Swing Gate
and Vehicle Barrier Operators

Sliding Gate Operators

Drive 300

Designed for residential sliding gates, up to 300 kg



Drive 500

Designed for residential sliding gates, up to 500 kg



Drive 600

Designed for high-traffic sliding gates, up to 500 kg



Drive 1000

Designed for high-traffic sliding gates, up to 1000 kg



SPEEDO

Designed for high-traffic sliding gates, up to 800kg



RUN 2500

Designed for heavy duty sliding gates, up to 2500kg



TUB 4000

Designed for heavy duty sliding gates, up to 4000kg



Features:

- **COST EFFECTIVE** residential sliding gate automation
- **TOUGH DC MOTOR** with removable brushes for easy maintenance
- **LED DISPLAY** for easy programming and diagnostics
- **SECURITY:**
 - Gate and safety beam tamper alarm monitoring
 - Electronic locking of motor unit with remote control for added security
 - ET-Blu Mix® enhanced rolling code receiver on board

Features:

- **PROVEN** robust and reliable residential slide gate automation
- **HIGH SPEED** motor with removable brushes
- **ADVANCED ELECTRONICS** with large backlit display for easy programming, diagnostics and fault reporting
- **SECURITY:**
 - Gate and beam tamper alarm monitoring
 - Pin code lockable programming
 - Optional heavy duty security bracket
 - ET-Blu Mix® enhanced rolling code receiver on board

Features:

- **PROVEN POWER PACK** for high-traffic applications with true battery backup
- **HIGH SPEED** motor with removable brushes
- **ADVANCED ELECTRONICS** with large backlit display for easy programming, diagnostics and fault reporting
- **SECURITY:**
 - Gate and safety beam tamper alarm monitoring
 - Pin code lockable programming
 - Optional heavy duty security bracket
 - ET-Blu Mix® enhanced rolling code receiver on board

Features:

- **HEAVY DUTY** robust design for high-traffic industrial sliding gate automation
- Proven **POWER PACK** operation with true battery backup
- **HIGH SPEED** motor with intelligent control
- **ADVANCED ELECTRONICS** with large backlit display for easy programming, diagnostics and fault reporting
- Designed to house up to two 24V 3.5Ah batteries for extra internal battery backup
- **SECURITY:**
 - Gate motor and beam tamper alarm monitoring
 - Optional heavy duty security bracket
 - ET-Blu Mix® enhanced rolling code receiver on board

Features:

- **HEAVY DUTY** design for industrial Sliding Gate automation
- Soft start/stop facility
- **LED** array and display for indication of gate motor status
- General purpose relay
- **BATTERY BACK-UP**
- Loop detector facility
- Programmable
- Optional plug-in receiver
- ET-Blu Mix® enhanced rolling code SMXI receiver uncrackable, unhackable
- Easy Installation

Features:

- **EASY TO INSTALL:** the BlueBUS system enables connections by means of just two wires between the control unit and up to 15 control safety and signalling devices.
- **SAFE:** the acceleration settings (at the start of the manoeuvre) and the deceleration settings (at the end of the manoeuvre) are precise and reliable.
- **ADVANCED TEMPERATURE SENSOR:** Run is able to manage force, adapting it to the different climatic and environmental conditions

Features:

- **POWERFUL:** ideal for automating large industrial gates up to 4000kg.
- **FUNCTIONALITY AND SAFETY:** programmable, with electromechanical brake to eliminate gate inertia. Self-ventilated motor to increase the working cycles.
- **MAXIMUM DURABILITY AND SILENCE:** bronze and metal gears.

Technical specification	DRIVE 300	DRIVE 500	DRIVE 600	DRIVE 1000	SPEEDO	RUN 2500	TUB 4000
Input voltage: (Standard kit option)	230v AC, 50Hz-60Hz	16v or 230v AC, 50Hz-60Hz	230v AC, 50Hz-60Hz	230v AC, 50Hz-60Hz	230v AC 50-60Hz	230v AC 50-60Hz	400v AC 3PH 50-60Hz
Primary supply to the electric motor:	Battery dependent (24V 3,5Ah)	Battery dependent (12V 7,5Ah)	ACDC Power Pack with battery as back-up only (12V 7,5Ah)	ACDC Power Pack with battery as back-up only (24V 5Ah)	ACDC Power Pack with battery as back-up only (24V 7Ah)	Inverted 230v AC 3PH	400v AC 3PH 50-60Hz
Max duty cycle (work rate) with mains present:	25%*	25%*	98%*	98%*	15 cycles/hour*	56 cycles/hour*	42 cycles/hour*
Number of operations on battery reserve without AC mains present:	100 within the first 24h of power failure	100 within the first 24h of power failure	100 within the first 24h of power failure	100 within the first 24h of power failure	30 within the first 24h of power failure	NA	NA
Maximum gate mass:	300kg	500kg	500kg	1000kg	800kg	2500kg	4000kg
Maximum gate leaf length applicable to performances specified here:	5m	5m	5m	5m	5m	5m	5m
Rated gate load:	120N**	180N**	180N	400N	400N	1660N	7740N
Rated gate speed:†	25m/min	28m/min	30m/min	28m/min	20m/min	16m/min	9,6m/min
Built-in receiver:	434MHz, 4 channel, ET BLU MIX® Enhanced rolling code. 32 user capacity	434MHz, 4 channel, ET BLU MIX® Enhanced rolling code. 1000 user capacity	434MHz, 4 channel, ET BLU MIX® Enhanced rolling code. 1000 user capacity	434MHz, 4 channel, ET BLU MIX® Enhanced rolling code. 1000 user capacity	434MHz, 2 channel, ET BLU MIX® Enhanced rolling code. 999 user capacity (SMXI)	434MHz, 4 channel, ET BLU MIX® Enhanced rolling code. 999 user capacity (SMXI)	434MHz, 4 channel, ET BLU MIX® Enhanced rolling code. 999 user capacity (SMXI)



UV protection



Swing Gate Operators



24V Wingo and Titan Control Unit



WINGO

Designed for residential swing gates, with gate leaves of up to 3m each



Features:

- **HI-SPEED** operator for swing gate leaves up to 3m
- **ROBUST** cast aluminium design with powder coating
- **LOW NOISE** operation
- Proven **POWER PACK** operation with true battery backup
- **LED DISPLAY** for easy programming and diagnostics
- Magnetic encoder ensures reliable and precise obstacle detection
- ET-Blu Mix® enhanced rolling code receiver on-board

TITAN 510/680

Designed for residential or commercial swing gates, with gate leaves of up to 6m each



Features:

- **EASY TO INSTALL, MAINTAIN & OPERATE**
- Greater range of mounting positions reduces installation time & effort
- Easy action emergency release lever
- **STRONG & RELIABLE:**
- Solidly built for the toughest conditions
- Powerful drive system with intelligent load profiling safety technology
- Designed for low or high traffic applications

TOONA 7

Designed for industrial swing gates, with gate leaves of up to 7m each



Features:

- **POWERFUL** operator for swing gate leaves up to 7m
- **ROBUST** cast aluminium design with powder coating
- Proven **POWER PACK** operation with true battery backup
- **LED DISPLAY** for easy programming and diagnostics
- Magnetic encoder ensures reliable and precise obstacle detection
- Easy installation, operation and maintenance
- ET-Blu Mix® enhanced rolling code receiver on-board

ELITE

Designed for residential and industrial swing gates, with gate leaves of up to 4m each



Features:

- **POWERFUL OPERATOR** for swing gates up to 4m
- **SOFT** start/stop facility
- **LED** array and display for indication of gate motor status
- General purpose relay
- **BATTERY BACK-UP**
- Loop detector facility
- A.S.A.P mode ensures fast gate auto-close
- Optional plug-in receiver
- ET-Blu Mix® enhanced rolling code SMXI receiver- uncrackable, unhackable
- Lip function

Technical specification	WINGO	TITAN 510 HS	TITAN 680 HS	TOONA 7	ELITE
Input voltage: (Standard kit option)	230v AC, 50Hz-60Hz	230v AC, 50Hz-60Hz	230v AC, 50Hz-60Hz	230v AC, 50Hz-60Hz	230v AC, 50Hz-60Hz
Primary supply to the electric motor:	ACDC Power Pack with battery as back-up only (24V, 3.5Ah)	ACDC Power Pack with battery as back-up only (24V, 3.5Ah)	ACDC Power Pack with battery as back-up only (24V, 3.5Ah)	ACDC Power Pack with battery as back-up only (24V, 3.5Ah)	ACDC Power Pack with battery as back-up only (24V, 7Ah)
Maximum duty cycle (work rate) with mains present:	30 Cycles/hour	98%*	98%*	40 cycles/hour*	30 cycles/hour*
Number of operations on battery reserve without AC mains present:	100 within the first 24h of power failure	100 within the first 24h of power failure	100 within the first 24h of power failure	100 within the first 24h of power failure	30 within the first 24h of power failure
Maximum gate mass:	200kg (<1,5m leaf)	450kg (<2,7m leaf)	450kg (<4,7m leaf)	1700kg (<3m leaf)	600kg (<2,7m leaf)
Maximum gate leaf length:	3m (<100kg mass)	4m (<190kg mass)	6m (<225kg mass)	7m (<700kg mass)	4m (<350kg mass)
Rated force:	1500N	1900N	1900N	2700N	160Nm
Rated linear running speed: †	40mm/sec	32mm/sec	27mm/sec	13mm/sec	NA
Typical operating time through 90°**	<10 seconds	<12 seconds	<19 seconds	<45 seconds	<16 seconds
Built-in receiver:	434MHz, 4 channel, ET BLU MIX® Enhanced rolling code. 999 user standard capacity (SMXI)	434MHz, 4 channel, ET BLU MIX® Enhanced rolling code. 999 user standard capacity (SMXI)	434MHz, 4 channel, ET BLU MIX® Enhanced rolling code. 999 user standard capacity (SMXI)	434MHz, 4 channel, ET BLU MIX® Enhanced rolling code. 999 user standard capacity (SMXI)	434MHz, 2 channel, ET BLU MIX® Enhanced rolling code. 999 user standard capacity (SMXI)

* At rated gate running load. • ** Motor mounting triangulation dependent • † Dependent on factors such as battery status, gate load, mains voltage, environment etc

Gate Motor Accessories



ET-Blu Mix® Rolling Code Transmitters



WAVE Wireless Beams



MD2010 Metal Loop Detector



E-Pad 02 Wireless Access Control Keypad



Solemyo 24v Solar Kit



Wingo & Toona 999 User SMXI Receiver



Intercom Internal and external Kit



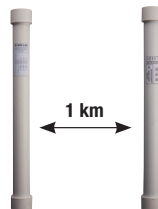
Rack Steel or Nylon



Drive 1000 Heavy Duty Security Bracket*



Drive 500 / Drive 600 Heavy Duty Security Bracket*



ET-Blu Mix® Long Range Transmitter/Receiver equipment

*Heavy Duty Security Brackets and Locks are an optional extra and are not included in the kit

Vehicle Barriers

Common Information:

- All 3 Barriers have easy on-site changing between left and right hand configuration.
- Simplicity
- Stylish, solid and precision engineered design
- Standard high visibility orange finish
- Full range of custom colours available on order **
- Rubber impact strips on all boom poles to reduce potential vehicle damage
- Reinforced aerodynamic boom pole design
- Mounting common to Manual Barrier, Wide M, Will and Signo models

WIDE Manual Barrier:

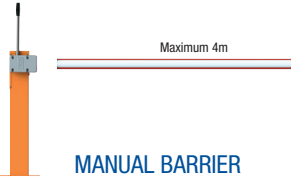
- Cost effective traffic barrier solution
- Balanced hand operation
- Compact robust design
- Lockable in both open and closed position
- Common boom pole and mounting with WIDE M

WIDE M and WIDE L:

- Large battery back up
- Easy installation, setup and maintenance
 - Removable top cover and full front panel
 - Removable control box
 - Interactive control card puts set up and maintenance at your fingertips
 - Built in diagnostics
- Heavy duty gearbox and non-battery dependant operation
- Security
 - Safety beam tamper and barrier open alarm monitoring
 - Pin code lockable programming
 - Optional anti-tamper security bracket
- Built in ET Blu Mix® enhanced rolling code receiver on board 1023 user



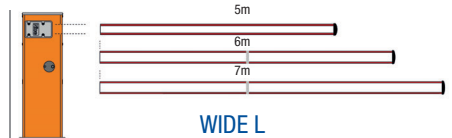
Easy setup with large back-lit LCD



MANUAL BARRIER



WIDE M



WIDE L



Easy access via removable top cover, full front panel and control box

Technical Data	WIDE M	WIDE L
Primary power supply:	220 – 240Vac @ 50Hz – 60Hz	220 – 240Vac @ 50Hz – 60Hz
Electrical class:	Class 1	Class 1
Motor voltage:	24Vdc	24Vdc
Motor power:	300W	360W
Torque:	140Nm	200Nm
Operating speed:	90°/3.5s	90°/5s
Auxiliary supply output:	12Vdc @ 400mA	12Vdc @ 400mA
Built in battery charger:	Multiple stage auto-calibrating (Peak - 500mA)	Multiple stage auto-calibrating (Peak - 500mA)
Number of operations on battery reserve: Operating at 200 cycles per hour and with Boom pole LED strip installed (Battery health and charge level at time of power failure dependent)	650 Using 1 x 24V 5Ah battery (Standard in kit) 950 Using 2 x 24V 3.5Ah batteries 1300 Using 2 x 24V 5Ah batteries	600 Using 1 x 24V 5Ah battery (Standard in kit) 900 Using 2 x 24V 3.5Ah batteries 1200 Using 2 x 24V 5Ah batteries
Work cycles per hour with mains present:	275/h. (6600/24hr)	200/h. (4800/24hr)
Anti-crushing safety sensing:	Yes – Electronic load profiling	Yes – Electronic load profiling
Receiver format:	ET-Blu Mix® backward compatible with ET Blue (Rolling code)	ET-Blu Mix® backward compatible with ET Blue (Rolling code)
Receiver frequency:	433.92MHz	433.92MHz
Receiver channels:	4CH (BT, Open only, Aux relay, Holiday lock-out)	4CH (BT, Open only, Aux relay, Holiday lock-out)
Receiver memory capacity:	1023 users	1023 users
All users can be allowed control of all channels:	Yes	Yes
Ingress protection:	IP44	IP44
Operating temperature range:	-10 to 50° C (14F to 122F)	-10 to 50° C (14F to 122F)
Physical dimensions:	320 x 205 x 1000mm	420 x 205 x 1000mm
Packed weight:	46kg	54kg

Vehicle Barrier Accessories



LED Boom Pole Lighting Strip
Can be used as a movement warning light



Break-Away Boom Pole Mounting Kit



Boom Pole Rubber Impact Strips



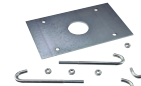
Reflector Strips
Red self-adhesive



Expansion Joint
WIDE L Only



Key Manual Override



Baseplate With Clamps



GSM
Online access and transmitter management



ET-Blu Mix®
Rolling Code Transmitters



E-Pad 02
Wireless Access Control Keypad



TX2-Micro 434MHz
2 Channel Hard-Wired



ET-Blu Mix®
Rolling Code Receivers



WAVE
Wireless Beams



MD2010
Metal Loop Detector



Solemyo
24V Solar Kit



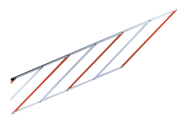
Battery
24V



LED Traffic Lights



90° Jack-Knife
WIDE M Only



Aluminium Picket
Fence Sections



Proudly designed, manufactured and supported by:
ET Nice (Pty) Ltd, South Africa



*T&C's apply; Transmitter warranty excludes battery, water or physical damage and general misuse.

Warranty applies to transmitters manufactured from January 2018.

**Additional lead time and costs apply on custom colours.

All Specifications subject to change.