

# NES-24v1 NeoSlider™

## Residential Sliding Gate Opener with Microswitch Limits

Combining strength and field proven electronics, the NeoSlider™ Sliding Gate Opener will reliably handle the toughest of residential applications.

### Robust Limits System

The NES-24v1 NeoSlider™ features a current sensing limits system that is both robust, bug and dust resistant, and allows for millimetre perfect stopping.

### TrioCode™ Multi-Frequency Coding Technology

A world leading transmitter system, TrioCode™ multi-frequency coding technology overcomes the all too common interference issues while maintaining security through over 4.29 billion random code possibilities.

### Soft Start/Soft Stop

Speed ramping throughout each cycle reduces stress on the opener, gate and mounting hardware.

### Intelligent Safety System

If contact is made with an obstruction while moving, the NES-24v1 NeoSlider™ will either stop or reverse the gate.

### Battery Backup

In the event of power failure, the optional battery backup will keep the NES-24v1 NeoSlider™ functional.

### Solar Power

Be it a location without accessible mains power, or just a normal residential application, a solar charging unit with battery backup can power the NES-24v1 NeoSlider™ (prewired as standard on NeoSlider™ SmartSolar Kit).

### Lockable Manual Release

A weather protected key release allows disengagement of for manual operation in the event of power failure.

### Logic Control

The logic control system with LCD screen provides:

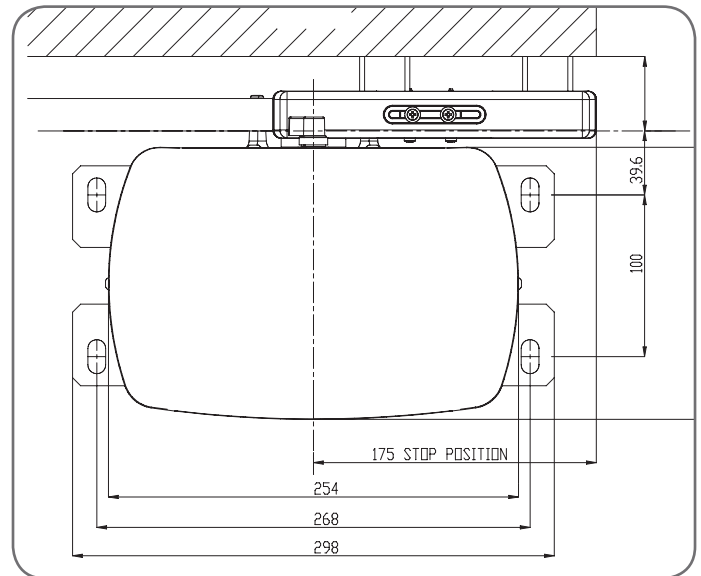
- storage for up to 30 TrioCode™ transmitters with customisable names e.g. "AB SMITH1",
- integration of operating inputs such as magnetic/pulse locks, Photo Electric (P.E) Beams and loop detectors.
- the use of multiple operating modes including auto-close (with PE Beams fitted), vacation and pedestrian mode, and the control of courtesy lights.

### PG-3 Programmer Compatibility

Access diagnostic and special settings via a simple plug-in.

### Gate Profiling

The NES-24v1 NeoSlider™ continually re-profiles the force needed to steadily and safely move the gate through segments of open and close cycles. This increases safety as using only appropriate force permits quicker sensing of, and reaction to, obstructions in the gate's path.



### Specifications - NES-24v1 NeoSlider™ (Order Code #60145)

<b>Input Power</b>	230-240Vac 50Hz
<b>Power</b>	24Vdc
<b>Max Pulling Force</b>	200N
<b>Travel Speed</b>	200mm/second (max)
<b>Max Gate Width</b>	10.0m
<b>Max Gate Weight</b>	250 Kg
<b>Duty Cycle at 20°C</b>	50%
<b>Operating Ambient Temp.</b>	-20°C - +55°C
<b>Dimensions (w x h x d)</b>	298 x 328 x 200mm
<b>Weather Resistance Rating</b>	IP 44
<b>Receiver Capacity</b>	30 transmitters
<b>Receiver Frequency</b>	Multi-frequency UHF FM (433.47, 433.92, 434.37MHz)
<b>Coding Type</b>	Code Hopping (non-linear encryption algorithm)
<b>Transmitters Included in Kit</b>	2 x PTX-5
<b>Code Combinations</b>	Over 4.29 billion random codes
<b>Warranty</b>	1 year parts warranty

© June 2009 Automatic Technology (Australia) Pty Ltd. All rights reserved. TrioCode™ and NeoSlider™ are trademarks of Automatic Technology (Australia) Pty Ltd. No part of the paper may be reproduced without prior permission. In an ongoing commitment to product quality we reserve the right to change specification without notice. E&OE.