

# **RIDLEY**

## **ELECTRONICS LIMITED**

### **RADIO FREQUENCY GATE OPENER SYSTEM**

#### **OPERATING INSTRUCTIONS**



The Radio Frequency Gate Opener System will enable you to unlock, open, close and then relock your gate via remote control using a small battery operated Transmitter or another alternative method of control.

Any other authorised person of the may come in, using their gate key or go out turning the gate latch handle in the usual manner. The gate will, however, be a little heavier to open (due to the resistance of the Gate Opener mechanism) and will also attempt to return to the

closed position automatically. The Gate opener may be fitted to wooden or steel gates. We are also able to accommodate a variety of fabrication styles and shape gates.

The Gate Opener Power Pack needs to be housed in a dry location, preferably inside the property, often with the airlines being passed through a duct to the gate's location, the ducting may also have the wiring for the Electric Keep or Maglock if the gate is to be a secure gate.

#### **HOW TO OPEN AND CLOSE YOUR GATE**

Care should be taken not to open the gate until you are within sight of it, to prevent unauthorised access. You must also ensure that you are not in the pathway of the gate when it is opening or closing to avoid potential collision between the user and the door.

Operate your Transmitter (or alternate method of control) for more than one second and check that the red light on the Transmitter comes on. There is no need to direct the Transmitter in any particular direction.

The red light on the Receiver Unit will flash, indicating that it is receiving the signal from the Transmitter. After a few seconds, the gate will unlock and automatically open for you to go through.

Depending on the programming of your equipment, once you have travelled through in your own time, either operate the Transmitter again for about 2 seconds and the gate will close and resume its locked and secure status. Alternatively your gate will be programmed to close automatically after a preset period of time.

For security purposes, ensure that the Transmitter is not operated accidentally while you are travelling away from the gate, since the gate may be opened from a distance of up to 60 Metres.

If required, the gate may be opened MANUALLY and then held back with stays or stops.

### **OPENING THE GATE TO LET VISITORS IN**

Your visitor must be safely identified before you let them in. Our Telephone Door/Gate Latch Release System will provide this facility, or if required our Video Door/Gate Release System, either system may be added to enhance security.

Once you have decided you wish the visitor to come in, operate your Transmitter for about two seconds to open the gate. Make sure that the visitor does **NOT** try to close the gate manually, as this may cause damage to the equipment. If needed operate your Transmitter (or alternative method of control) a second time to close and lock the gate behind them.

When the visitor leaves, there is no need to use the Gate Opener, since they can open and close the gate manually in the usual manner.

### **IMPORTANT NOTES**

1. It is vital that the gate should NEVER be closed manually after it has been opened using the Transmitter. This could cause the brackets to bend and the equipment to fail or cause an injury.
2. The gate must remain free moving at all times, not catching on the ground, any obstruction or any part of the gate frame.
3. If a secondary lock, which is a deadlock, is fitted to your Gate, ensure that it is unlocked at all times when the Gate Opener facility may be required. It may continue to be used for extra security when required, either at night or when away from the premises for long periods.

### **AUTO-CLOSE FACILITY**

When utilising this facility, operate your method of control as before to open your gate. The gate will then remain open for the agreed pre-set time and then close and relock automatically, without you having to use your Transmitter again.

If the gate is liable to close too soon, operating the transmitter again will top-up the period that the gate remains open.

## **TROUBLESHOOTING**

If the Transmitter, or alternate method of control, light does not come on or you find you have to be close to the Receiver Unit before the door latch releases, change the battery.

To do this, open the Transmitter by removing the screws in the rear cover and unclip and replace the battery.

It is recommended that you change the battery in the Transmitter at least once a year.

If the green light on the Receiver Unit is not on, ask any competent electrician to check its fuse and replace it if necessary.

### **THE UNIT MUST BE DISCONNECTED FROM THE MAINS BEFORE THE FUSE IS REMOVED.**

If your Transmitter is lost or stolen, contact us immediately, since the code in the Receiver should be changed, to prevent unauthorised entry to your home.

Replacement Transmitters can be purchased at any time from Ridley Electronics Limited.

If you can no longer manage your type of Transmitter, other versions are available to allow operation by ANY part of the body, to enable you to continue using the system.

## **TECHNICAL INFORMATION**

### **Receiver Unit:**

SIZE - 150mm x 100mm x 65mm  
MAINS - 230V 50Hz  
FUSE - 20mm / 1A quick blow.

### **Door Opener Power Pack:**

Weight - 8 Kg  
Size - 400mm x 230mm x 160mm  
Mains - from receiver 230V 50 Hz  
Fuse - 20mm / 3.15A / quick blow

### **Methods of Control:**

- Radio Frequency Standard Push Button Transmitter
- Radio Frequency Mini Push Button Transmitter
- Radio Frequency Smack Down Lever Transmitter
- Radio Frequency Smack Down Lever Switch
- A variety of hands free methods.
- Linking with an Environmental Control System

## **RIDLEY ELECTRONICS LIMITED**

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**Designers and Manufacturers of equipment for people with disabilities**