DiTEC GATE AUTOMATION

USER GUIDE

Open & Closing the Gate

A gate will operate a movement from any trigger such as a pulse from a remote or other device.

A gate movement is three parts: **Open, Timed open period and, Close**. Gates by default are set to do one full open movement on each trigger.

If a safety device activates or obstacle stops gate during the close phase, the Gate will stop and re-open. It will then start the Timed open period phase and try to close again.

The gate will try to complete a movement 3 times then stop partially closed. A new trigger will reset.

DiTEC Remotes

Full Open Button - The gate is triggered by a button on the remote, pressing the button a second time during a movement will re-set the timer.

Pedestrian Open Button - The gate will open one third the normal distance. You need to press the button a second time to close the gate.

Access Control System

An Alarm or Access Control System might have any or a combination of: remotes, badges, cards, or mobile credentials that will trigger a full gate movement for a vehicle or pedestrian open.

G-Switch

This is a cellular device which you call, if it recognises your caller ID it will trigger a full open movement. It has built in timers for open periods during the day and can be remotely managed. The G-Switch also has a mobile App which provides more advanced control options.

Timer

A manual timer can trigger the gate to open and hold for a set period each day. The time on this will need to be altered for daylight savings twice a year. Consult the timer manual or call Arc to set this.

Ground Loop

Just like a set of traffic lights this sensor detects a vehicle and triggers a full open gate movement. If the vehicle parks on the sensor the gate will remain open until the vehicle moves off and the Timed open period expires.

Maintenance

There is some basic maintenance than can be done on a regular basis to ensure good operation

- Keep safety sensors clean and spray outdoor insect barrier sprays around each sensor to prevent insects from making a home in them.
  - Common symptoms - gate to re-open repeatedly and at inconsistent times
- Keep the gate hinges or wheels lubricated make sure to use lubricants that do not have adhesive in them as road grime will stick to lubricant as well.
  - Common symptoms – gate squeaks while moving, gate shudders while moving, inconsistently stops and reverses direction whether opening or closing
- Keep the gate movement zone clear of stones, tree debris and, any other obstructions
  - Common symptoms – gate inconsistently stops and reverses direction whether opening or closing

Servicing your Gate

Annual Gate Servicing can be completed by our team to ensure safe operation and longevity of your gate. Call 07 849 0901 to request an annual service.