Reporter

Oracle

Wire-free Gate System

Thank you for purchasing the Reporter Oracle gate system. This product has been designed and manufactured in the USA, utilizing the highest quality standards available.

Additional Oracle Gate Controller Unit (GCU)

Setting the Gate Controller ID (1-4)

If you are using more then one Gate Controller, the additional units must have their ID set. The Gate Controller ID is set by changing dipswitches #1&2 in the Gate Control Unit (see picture below).

| GCU ID	SW1	SW2
1	off	off
2	on	off
3	off	on
4	off	off

Example: **The dipswitches for** Gate Controller #2 would look like this:
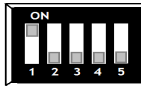
Activating a new Gate Controller

Before installing the Gate Controller, insert 4 'AA' batteries into the Gate Controller's battery holder. Within 30 seconds of inserting the batteries, enter your **Master PIN** on the Gate Access Panel, followed by the Gate Controller's ID (1-4). The Gate Access panel will give a double-beep. If you only have one Gate Controller, enter an ID of **1**. Repeat the process for any additional Gate Controllers. Additional Gate Controllers must have their ID (1-4) set with dipswitches 1&2, inside the gate Control Module (See Appendix B)

Example: Enter **1** **2** **3** **4** **2** (1234 is the Master PIN, 2 selects the #2 Gate Controller).
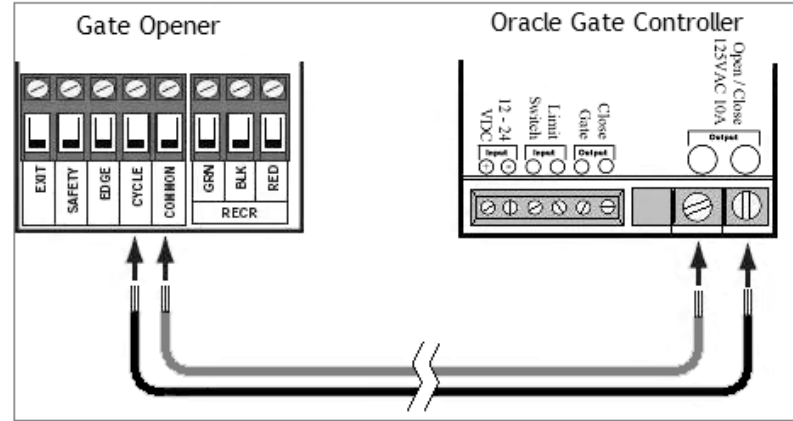
Basic Gate Controller Installation

Mount the Oracle Gate Controller near your Automatic Gate Opener's control panel or motor. Most gate motors have simple relay connections (often labeled **COMMON** and **CYCLE**) that connect to the two large **OPEN/CLOSE** relay outputs on the Oracle Gate Controller.

OPERATING THE GATE CONTROLLER

Opening and Closing a Gate

To open a gate from the Gate Access panel, enter any valid PIN number. With multiple Gate Openers, follow the PIN number with the Gate Controller ID (1-4).

Example: Enter **9** **9** **9** **9** (9999 is a user-assigned PIN and will activate the #1 or only Gate Controller. A Gate Controller ID can be entered for a different gate controller).

If you are using a key-fob remote, just press the numbered button that opens that gate (within 75 feet of the Gate Access Unit).

On an Intercom unit, press the REMOTE button while talking to a visitor. At other times, hold the Intercom's **REMOTE** button for 10 seconds, to activate the Gate Controller.

If the gate Opener is not set to automatically close the gate, any of the above methods can be repeated to close the gate.

If you have installation or operation questions, please see above, or check out the expanded FAQ at the manufacturer's web page at www.reporterwireless.com. You can receive free technical assistance or warranty service, by email at **techsupp@nwlink.com** or call **888.679.7994** Tuesday-Friday 8-5 PST

Advanced Gate Controller Configurations

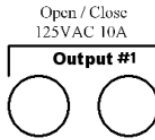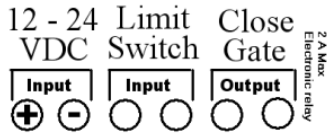**Dipswitch Quick Reference**

ALL OFF – use only "Open / Close" terminals

 # 3 ON if connecting to a Limit Switch
 # 4 ON if contacts should close for 10 seconds
 # 5 ON if using separate "Close Gate" terminals
 # 6 ON to enable auto-close after 45 seconds
 # 7 ON if connected to **OPEN** limit switch

Tech Support: (360) 254-1564 ext. 290
www.reporterwireless.com   Made in USA

Oracle   Patents Pending
Gate Controller Unit
International Electronics, Inc.
FCC ID: JLFGCU1
IC: 3706A-GCU1
Model: OGCU1
Country Of Origin: USA

Gate Controller ID Selection

SW1=OFF & SW2=OFF : Unit ID#1
SW1=ON & SW2=OFF : Unit ID#2
SW1=OFF & SW2=ON : Unit ID#3
SW1=ON & SW2=ON : Unit ID#4

Open / Close
125VAC 10A

Output #1

12 - 24 Limit Close
VDC Switch Gate   2 A Max
                  Electronic relay

Input **Input** **Output**
  ⊕ ⊖   ○ ○   ○ ○

From left to right, Gate Controller Terminals are:

– Optional power input. +9V to +24VDC. Make sure that your gate's DC power supply "Ground" is wired to terminal 2.

– Ground or Common terminal.

– Limit switch input A. Wire such that when the limit switch is closed, terminal 4 is shorted to terminal 3.

– Limit switch input B. Wire such that when the limit switch is closed, terminal 4 is shorted to terminal 3.

– Secondary Relay Contact A. Up to 120VAC LOW CURRENT contact. Max ½ amp. Typically wired to optional "Close Gate" input on Automatic Gate Opener.

– Secondary Relay Contact B. Up to 120VAC LOW CURRENT contact. Max ½ amp. Typically wired to optional "Close Gate" input on Automatic Gate Opener.

– Primary Relay Contact A. Up to 120VAC. Max 10 amps. Typically wired to "Open Gate", "Open/Close" or "Remote" input on Automatic Gate Opener.

– Primary Relay Contact B. Up to 120VAC. Max 10 amps. Typically wired to "Open Gate", "Open/Close" or "Remote" input on Automatic Gate Opener.

Selecting Gate Controller "ON" Time

For most connections to an Automatic Gate Opener, the default setting of ½ second is best. However, for connection to yard lights, cameras, etc., you may wish to adjust how long the connected device stays on.

Gate Controller "ON" Time	Dipswitch #3	Dipswitch #4
1 second – No Limit Switch	OFF	OFF
1 second – Using a Limit Switch	ON	OFF
10 seconds	OFF	ON
30 seconds	ON	ON

NOTE: For most gate system wiring, dipswitch #4 should be left "OFF." If you wire your gate controller to a limit switch, dipswitch #3 should be turned "ON".

Enabling the Auto-Close Feature

Auto-Close Feature	Dipswitch #6
OFF (disabled)	OFF
ON (enabled)	ON

By enabling the Auto-Close feature, the Gate Controller will attempt to close the gate 45 seconds after it is opened. This feature will work better if your configuration has at least one of the following elements:

Separate Open / Close Terminals,
A "Gate Closed" Sensor or limit switch, or
A "Gate Open" Sensor or limit switch

Otherwise, the Gate Controller must assume that the gate has not opened or closed for any other device.

Warning: *Please remember safety! Do not enable auto-close where it might pose a risk of entrapment, causing injury, death, or damage to vehicles.*

Using Additional Contact / Clearance Sensors

NOTE: To power an additional contact sensor that is

Open/Closed Contact Sensors	Dipswitch#3	Dipswitch#7	Dipswitch#8
No contact sensors used	OFF	OFF	OFF
"Closed" limit switch wired to terminals #3 and #4	ON	OFF	OFF
"Open" limit switch wired to terminals #3 and #4	ON	ON	OFF
Additional "Closed" limit switch or sensor wired to terminals #3 and #4	ON	OFF	ON
Additional "Open" limit switch or sensor wired to terminals #3 and #4	ON	ON	ON

NOT already connected to your gate system, short terminal #3 to ground, connects the switch across terminals 3 and 4, and turn dipswitch #8 ON.

Sample Configuration 1:
Open Gate Only

Use this configuration when you wish to use the Reporter Gate System as an open-only system, which automatically closes, based on a timer or a magnetic loop.

Enable the Auto-close feature on your Automatic Gate Opener. Connect the Reporter Gate **Controller as shown in the Basic Gate Controller Installation** diagram. Please refer to your product-specific manual for wiring information. On the Reporter Intercom, disable gate status checking (as described above).

Sample Configuration 2:
Wiring to separate OPEN and CLOSE terminals

Use this configuration when you wish to use the Reporter Gate System to open and close your gate and check the gate's last known status, without connecting to a limit switch or external gate status indicator.

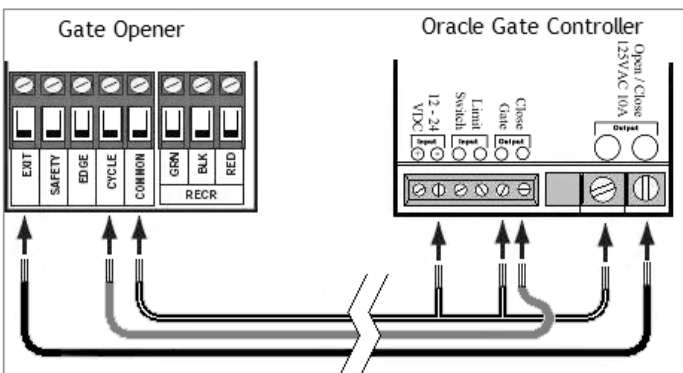Disable the Auto-close feature on your Automatic Gate Opener.

Connect Contact 2 to Ground, COM, or (-) on your Automatic Gate Opener.

Connect Reporter Gate Controller Contacts 7 and 8 to "Strike Open", "Open Only", "Remote" or a similarly named contact pair on your Automatic Gate Opener. Please refer to your product-specific manual for wiring information.

If your Automatic Gate Opener has a "Close" or "Close Only" contact pair (e.g. connecting like a 3-button station), connect Contacts 5 and 6 to the "Close" contacts

Slide Gate Controller Dipswitch #5 to the UP position.

If desired, enable Auto-close on the Gate Controller by flipping Gate Controller Dipswitch #6 to the UP position.

Sample Configuration 3:
Open, Close Gate and Verify Gate Status

Use this configuration when you wish to use the Reporter Gate System to open and close your gate and check the gate's actual status, connecting the Gate Controller to a limit switch or external gate status indicator.

Enable or disable the Auto-close feature on your Automatic Gate Opener.

Connect Reporter Gate Controller Contacts 7 and 8 to "Strike Open", "Open Only", "Remote" or a similarly named contact pair on your Automatic Gate Opener. *Please refer to your product-specific manual for wiring information.*

Connect Contact 2 to Ground, COM, or (-) on your Automatic Gate Opener.

Flip Gate Controller Dipswitch #3 to the UP position to enable status checking.

If your Automatic Gate Opener has a "Close" or "Close Only" contact pair (e.g. connecting like a 3-button station), connect Contacts 5 and 6 to the "Close" contacts and flip Gate Controller Dipswitch #5 to the UP position.

If desired, enable Auto-close on the Gate Controller by flipping Gate Controller Dipswitch #6 to the UP position. If you use this feature, disable auto-close on your Automatic Gate Opener.

Connect terminals #3 and #4 across the "Gate Closed" limit switch. Polarity does not matter.
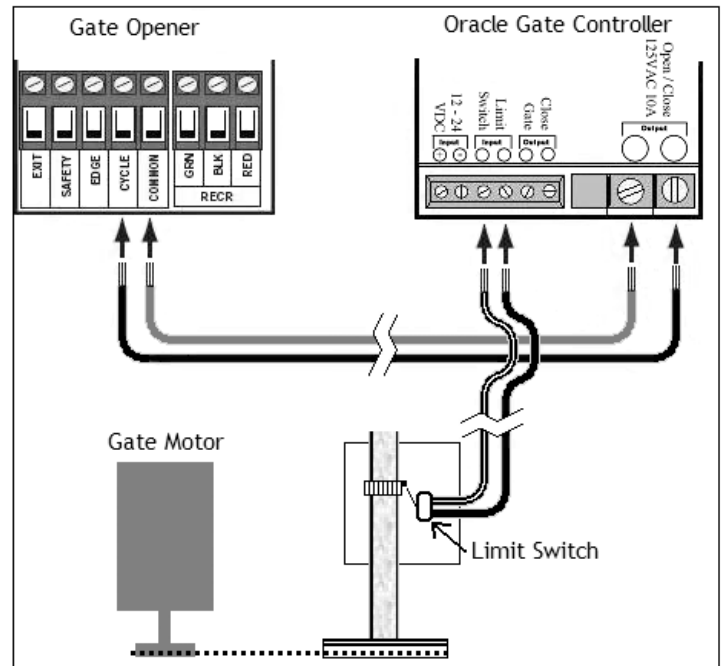
Frequently Asked Questions and Troubleshooting

Why won't the Gate Access Panel accept a PIN code?
The Gate Access Unit will not learn a PIN # if it is the same number as the factory's reset code.

Why won't my new gate controller work?
Make sure that it was taught to the Gate Control panel (see **Activating a New Gate Controller**) If you hear a four-beep error tone, the Gate Access Panel did not mate with the Gate Controller. If the Gate Controller is #2, 3, or 4, make sure that the corresponding ID is set with dipswitches 1&2, in the Gate Controller (See **Appendix B**)

I need the Manufacturer's Reset Code; to reset my Gate Access Panel and Clear it's Memory
The Gate Access Panel's serial number is printed on the inside of the Gate Access Unit's mounting plate. Call our Product Support staff at *888.679.7994*, for the reset code. You MUST have the Gate Access Unit's serial number handy, to receive the reset code. Simply enter the reset code on the Gate Access Panel's keypad and after one minute, the unit will clear its memory and you may re-teach the Gate System.

Oracle limited LIFETIME WARRANTY

International Electronics Inc. (IEI) warrants this product to be free of defects in materials and workmanship, for its usable lifetime. For a period of ONE YEAR following purchase, IEI will repair or replace the product free of charge, including parts, labor, return shipping to you, and handling.

All repairs or replacements are at the discretion of the Manufacturer. This warranty excludes items that have been abused, altered, incorrectly installed, or repaired by an unauthorized person. Changes or modifications not expressly approved by the Manufacturer could void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment. This warranty is limited to the product only. No consequential damages are covered.

After the initial one year of operation, the limited lifetime warranty will cover parts, labor, and return shipping to you, with a minimal handling charge specific to the product, as listed below:

        Gate Controller Unit: $30.00

Technical Support and Warranty Service
If you have installation or operation questions or are in need of warranty service, please contact our Product Support department by email at **techsupp@nwlink.com** or call **360-254-1564** Tuesday-Friday 7-5 Pacific Time. If the issue is not resolvable, a manufacturer's warranty repair order may be issued. To have the product(s) sent for warranty service. A Return Authorization number will be issued for warranty service, which must be put on the outside of the package, to be received and handled properly. Packages for warranty service may be sent to the following address. Packages with no RA# may not be accepted.

<div align="center">

IEI
5913C NE 127th AVE, Suite 800
Vancouver, WA 98682

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Please include a note describing the problem that you are having and a copy of your original sales receipt (within the first year). If the warranty service is outside the first year, please include a check made out to IEI, based on the list of handling fees, shown above. Please note that you may need to send multiple units for warranty service, testing, and upgrading, though only the applicable fee for handling the failed unit(s) will be charged.
Please allow 2-4 weeks for service and return shipping. If an EXPEDITED repair/replacement is requested, a 100% surcharge applies. In this case, please write EXPEDITED after the RA number. IEI will attempt to return expedited repair orders within one week, except during holidays