

**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.



The Oracle Gate System is designed to be the wire-free solution to enhance the operation of accessory-ready Automatic Gate Openers. With up to five years of battery life, the Gate Access Unit can be used with compatible key-fob remotes and Reporter Intercoms to remotely operate the gate opener from inside your car or home.

### Features Include

- Controls up to four Automatic Gate Openers or other accessories
- Proximity Detector with Backlit key-pad after dark
- Tamper Detection Alarm
- Remote Keyless Entry
- Up to 5 years between changing batteries
- Digitally Secure Intercom Link.
- Up to 50 PIN access numbers
- Multi-Home Options available

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*Please read the instructions carefully.*

**FCC STATEMENT**  
This device complies with FCC part 15 rules. It may not cause harmful interference with other devices, and must accept interference from other devices.  
FCC ID: JLFQAP2

## INSTALLATION

### Gate Access Panel

The Gate Access Unit has been designed specifically for easy installation. After determining where you want the Access unit to be mounted, just fasten the back panel to a post or solid surface that is within convenient reach of the user.



Place four 'C'-cell batteries in the Access Unit's battery pack. Place the unit onto the previously installed back panel,

By placing the grooved bottom of the front panel under the front of the mounting plate and pushing the Gate Access Unit on to the mounting plate, then lock it into place using the included key. You will hear a periodic low-volume beep, indicating that the unit is operational and ready to be programmed with your secure master PIN number.

Select a 4-digit PIN number. Be sure and use something you will remember. On the keypad, press the # key three times, followed by your PIN. You should hear a tone after the unit accepts your **Master PIN** code. Up to 50 additional PIN numbers can be added for other users.

### Gate Controller

Mount your Oracle Gate Controller near the Automatic Gate Opener's motor and connect it to the Gate Opener's contacts. Configure the Gate Controller's dipswitches to the desired ID and mode of operation (See Appendix B for supported configurations).

Insert 4 'AA' batteries into the Gate Controller's battery holder. Within 30 seconds of inserting the batteries, enter your **Master PIN** followed by the Gate Controller ID (1-4).

For Example: for a master pin of 1234, you would enter 1 2 3 4 1 for Gate Controller #1.

To test the Gate Controller, re-enter the keypad sequence. You should hear a relay click from the Gate Controller, followed by an acknowledgement tone. Repeat the process for any additional Gate Controllers.

### Using Additional Contact / Clearance Sensors

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

**NOTE:** To power an additional contact sensor that is NOT already connected to your gate system, short terminal #3 to ground, connect the switch across terminals 3 and 4, and turn dipswitch #8 ON.

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](http://www.reporterwireless.com). You can receive free technical assistance or warranty service, by email at [techsupp@nwlink.com](mailto:techsupp@nwlink.com) or call 888.679.7994 Tuesday-Friday 8-5 PST

**Warranty:** This product is warranted to be free of defects for the period of **One Year** from the date of purchase. *The warranty covers parts, labor, and return shipping to you, but not all accessories.* IEI will repair or replace any defective product at our discretion. Warranty does not cover misuse or damage other than due to normal operating conditions. If you need to send the system to IEI for repair, contact IEI for a **Return Authorization number via email: [techsupp@nwlink.com](mailto:techsupp@nwlink.com)**. Packages without a Return Authorization number will be rejected.

### 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 Used	OFF	OFF
1 second - Using a Limit Switch	ON	OFF
10 seconds	OFF	ON
30 seconds	ON	ON

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

### Wiring to Separate Open / Close Terminals

Automatic Gate Opener Terminal*	Gate Controller Terminal
Common or Ground	#2
Open Gate	#7 and 8
Close Gate	#5 and 6

*Please refer to your Automatic Gate Opener Instruction Manual for instructions specific to your model.*

### Enabling the Reporter Gate System Auto-Close Feature

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
- “Gate Closed” Sensor or limit switch
- “Gate Open” Sensor or limit switch

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

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

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

### Teaching Reporter Intercom units to the Oracle Gate System

Reporter Intercom units adopt a network code when they are taught to each other. To be used with the Oracle Gate System, a master Intercom unit must first be taught to the Gate Access Unit, to use its ID code as the network code. The designation of Master Intercom is only for purposes of creating the Intercom Network.

Press the CALL button on the Gate Access Panel. Within 20 seconds, hold down both buttons on an Intercom unit for one second. Within ten seconds, you should hear a beep as the Intercom learns the Gate Unit’s ID code. If you have multiple Intercom units, teach them into the Gate System network with the method described in the Intercom unit’s instruction manuals. Make sure to include the Master Intercom, so the others will learn the Gate System’s ID code.

After teaching the Master Intercom to the Gate Access Unit, you may enter the Learn Lockout Command to prevent any additional Intercoms from being taught directly to Gate Access Unit (from outside). On the Gate Access Panel, enter your Master PIN number followed by **05** (see appendix A for a complete list of Gate Access Panel codes). Additional Intercom units may still be taught to the Gate System network, as above.

Note: Only compatible Oracle system Wall Mount and Portable Intercom units will work with the Gate system.

### Teaching Four-Button remotes to the Gate Access Unit



If you have a remote for your Gate System, You must teach each button that you wish to use, to the Gate Access Unit, along with which Gate Controller it will control.

Enter your master PIN number on the Oracle Gate Access Panel, followed by **8**, then the gate controller number (1-4). (If your system is controlling a single Gate Controller, enter 1).

The Gate Access unit will beep. Press and hold the remote button you wish to control the gate with. The Gate Access Unit will respond with a double-beep. That remote button now controls that Gate Controller. Up to eight remotes can be used with the Oracle Gate System.

A triple-beep indicates that the remote was not successfully taught to the system. Repeat the above steps.

**Example:** if your master PIN is 1234, and you wish button #1 to control the gate: Enter **1 2 3 4 8 1** on the Gate Access Panel. After the Gate Access panel beeps in response, press button #1 on the remote. A double beep indicates success.

## OPERATING THE GATE CONTROLLER

### Opening and Closing a Gate

To open a gate from the Gate Access panel, enter any valid PIN number. If you have multiple Gate Openers, to open other gates, enter a PIN number, followed by the Gate Controller ID (1-4). Refer to Appendix B for configuration options.

There are several options for closing the gate, depending on how it is set-up. You may use a remote, keypad code, or the **REMOTE** button on the Wall Mount intercom. You may also enable the auto-close function of the Oracle Gate Controller. If your gate motor has an auto-close function, you may enable that instead.

For Example: if your master PIN is 1234, you would enter 1 2 3 4 2 to open or close gate #2.

### Using the Gate Access Unit with an Intercom

When a visitor presses the **CALL** button on the Gate Access Panel, the Intercom will beep (on Wall Mount Intercoms, both buttons will illuminate). The intercom will continue to beep every 5 seconds (for half a minute). During this time, the Intercom is connected only to the Gate Access Unit. Holding down the **TALK** button will open an audio channel, allowing you to speak to the visitor. Release the **TALK** button to hear the visitor's response.



To open the gate while you are talking to a visitor, press the **REMOTE** button on the Intercom. To open a gate at other times, hold the **REMOTE** button for 10 seconds. After displaying the gate's status it will open or close.

When displaying Gate status, If all 4 Channel numbers are lit-up, the gate is closed. If the #1 and #4 lights illuminate, the gate is open. If no channel numbers are lit, there is no link to the Gate Access Unit.

If you wish to skip the gate status check:

- On the Wall Mount Intercom, switch Dipswitch #4 to the UP position.
- On a Portable Intercom, switch Dipswitch #1 to the UP position.

### Using the Four Button Remote

To open a gate using the Remote, press and hold the appropriate button on your remote for 3 seconds (see **SET-UP** to teach the remote). You should be less than 75 ft. from the Gate Access unit for reliable operation.

### Sample Configuration 2: Open and Close Gate

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.

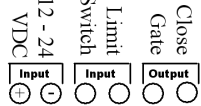
If your Automatic Gate Opener has a "Close" or "Close Only" contact pair (e.g. connecting like a 3-button station), connect Contacts 5 and 6 to the "Close" contacts and flip Gate Controller Dipswitch #5 to the UP position.

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.

## APPENDIX B - Gate Controller Configuration

**Dipswitch Quick Reference**  
 ALL OFF – use only “Open / Close” terminals, ID # 1  
 # 1 ON to change to controller ID # 2  
 # 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



From left to right, Gate Controller Terminals are:

- Optional power input. +9Vto +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.

### 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 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.*

On the Reporter Flush Mount, move SW4 to the UP position to disable gate status checking.

## ADDITIONAL SETTINGS and FEATURES

### Adding Additional PIN Numbers

The gate system can support up to 50 PIN numbers, for other users. To add an additional PIN, enter your **Master PIN** followed by **9** (see Appendix A for all keypad commands). You will then hear a tone, prompting you to enter a new user-level PIN number. Enter a new **four or five digit PIN number**, depending on which Gate Controllers that PIN will be allowed to operate. To limit an added PIN to a single Gate Controller, key in the new PIN followed immediately by the Gate Controller ID it can access (1-4). If the PIN will control any Gate Controller, key in only the 4 digit PIN number.

For Example: if your master PIN is 1234, you would enter 1 2 3 4 9 to teach a new PIN number to the Gate Access Unit. Then, enter 5 6 7 8 2, for the new PIN, that only opens gate #2.

### Deleting a PIN Number

Enter your **Master PIN** followed by **7** (see Appendix A for all keypad commands). You will then hear a tone, prompting you to enter an existing PIN number. Enter the **four-digit** PIN number that you wish to delete. The Gate Access Panel will give a double-beep in response. A wrong PIN number will return a triple-beep. You may not delete the Master PIN.

### Batteries

The Gate Controller uses four AA batteries that should be changed after a year-and-a-half with average use. If the Intercom system gives a triple-beep **immediately** after the gate opens, the AA batteries in the Gate Controller are getting low.

The Gate Access Unit uses four C batteries, which will last about a year-and-a-half with all functions enabled and with remotes taught to the Gate Access unit. Not using remotes and enabling **Power-save Mode** (see below) can extend the battery life up to five years. The Intercom units will emit a triple-beep every ten minutes, to indicate low batteries in the Gate Access Unit.

### Power-Save Mode

Power-Save Mode will increase battery life by disabling the nighttime proximity detector and keypad illumination as well as reducing power consumption in other features. In **Power-save mode**, the keypad will only light up when a key is pressed. **Power-Save mode** may be enabled by entering your **Master PIN** followed by **03** (see Appendix A for all keypad commands).

## Anti-Tampering Alarm

The Reporter Gate Access Unit is equipped with a tamper detection sensor, set to alarm if the unit is forced open. The alarm will sound once in the Gate Access Unit, and will continue to sound on the Intercom units every ten seconds, for an hour or until a key is pressed (on an intercom) to silence the alarm.

## Nighttime Keypad Illumination

When it is dark out, the Gate Access Unit uses an Infrared proximity sensor to illuminate the keypad when you come within five feet of it. The keypad will also illuminate when a button is pressed. Disabling this feather will increase battery life (see **Power-save Mode**).

## Reporter Wall-Mount Intercom Settings

The Wall-Mount Intercom has four dipswitches. **ON** is towards the circuit board, **OFF** (open) is away from the circuit board. The default setting is **ON**.

Gate ID	SW1	SW2
1	ON	ON
2	OFF	ON
3	ON	OFF
4	OFF	OFF

- sw1&2 select one of four Gate Controllers. Default is ID #1 (both **ON**).
- sw3 is **ON** for secure mode, **OFF** for intercom conference mode (see the Wall-Mount instruction manual for details).
- sw4 is **ON** to display Gate Status, **OFF** to disable Gate Status Checking.

## Oracle System Portable Intercom Settings

Portable Intercom units are intended to be an add-on accessory and can only control Gate Controller #1. **ON** is towards the circuit board, **OFF** (open) is away from the circuit board. The default setting is **ON**.

- sw1 is **ON** to display Gate Status, **OFF** to disable Gate Status Checking.
- sw2 is **ON** for secure mode, **OFF** for intercom conference mode (see the Portable Intercom manual for details).

## APPENDIX A - Gate Keypad Commands

Note: *PPPP* represents any valid 4-digit PIN, *MMMM* represents entering ONLY the Master PIN

Code	Description
<b>### MMMM</b>	Initial master code entry - PIN must be preceded by 3 #'s, (# represents the pound key)
<b>PPPP</b>	Actuate Gate Controller after a 2 second timeout. If a PIN controls a single gate controller, it will be actuated; otherwise Gate Controller 1 will be actuated.
<b>PPPP1-4</b>	Actuate Gate Controller 1, 2, 3, or 4 (e.g. open gate, turn on light, etc.). If the PIN is valid and the Gate Controller responds, a double tone will be heard. If the PIN is invalid or does not have permissions for that Gate Controller, a triple-tone will sound. If the PIN is valid and the Gate Controller does not respond, a short ALARM tone sounds.
<b>MMMM7, ###PPPP</b>	Delete PIN number. Enter the Master PIN number then 7, to enter Delete Mode. Enter # # # and the four digit PIN number to be deleted.
<b>MMMM8</b>	Add Remote Button. Buttons on a four-button remote are added one at a time. Enter the Master PIN number then 8, followed by (1-4), to have the Gate Controller respond to that button on the remote. Then press the button on the remote within ten seconds. A double-beep indicates that the button was learned; otherwise a triple-beep means that no remote button was taught.
<b>MMMM9 PPPPn</b>	Add new PIN number. Enter the Master PIN number then 9, followed by the new PIN number. If the new PIN number is limited to a single gate, also enter that gate controller number (1-4). For a PIN to control any Gate Controller, key in only the 4 digit PIN.
<b>MMMM0n</b>	Advanced Features. . Enter the Master PIN number then 0, followed by an advanced feature code (3-6) 3: Activate Power Save mode - This is required for 4-5 year battery life 4: De-activate Power Save mode 5: Activate Learn Lockout - for added security 6: De-Activate Learn Lockout
<b>(* Key)</b>	Clear Entry. If a mistake is made entering a PIN, press the * key to start over.
<b>Call Button</b>	Intercom unit Beeps once, then beeps every 5 seconds, for up to 40 seconds.
<b>Factory Reset Code</b>	A 6-digit factory-set code, derived from the serial number, will perform a global reset, erasing all PINs and remotes, including the Master PIN. The unit will then beep, prompting the user to enter a new Master PIN.

