

# 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.

### Batteries

The Gate Controller uses four 'AA' batteries. If an Intercom system gives a triple-beep **immediately** after activating, the 'AA' batteries in the Gate Controller are getting low. The average life of the Gate Controller's batteries is a year-and-a-half, depending on use.

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



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 Intercoms to remotely operate the gate opener from your car or home.

### FCC STATEMENT

FCC ID: JLFGAP1

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

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 **Two Years** 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.

### 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

### CONTENTS

<b>Installation and Set-up</b>	
Activating the Gate Access Unit	1
Initializing a new Master PIN code	1
Activating a new Gate Controller	1
Activating a key-fob remote	1
Creating an Intercom Network	2
Installing the Gate Controller	2
<b>Operating the Gate Controller</b>	
Opening and Closing a Gate	3
Using the Intercom Feature	3
Intercom Gate Status Display	3
<b>Additional Settings &amp; Features</b>	
Adding Additional PIN Codes	4
Removing a PIN Code	4
Power-Save Mode	4
Gate Access Panel Speaker Volume	4
Gate Access Panel Mic. Sensitivity	5
Keypad Illumination Brightness	5
Changing the Master PIN Code	5
Anti-Tampering Alarm	5
Wall-Mount Intercom Settings	5
Portable Intercom Settings	5
Appendix-A, Keypad commands	6
Appendix-B, Advanced Gate Controller configurations	7
<b>Technical Support</b>	
Batteries	11
Warranty	11

## INSTALLATION and SET-UP

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

Place four 'C' batteries in the Gate Access Unit's battery pack. 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.



Clip the unit onto the already installed back plate, by placing the grooved bottom of the front panel under the mounting plate and push the Gate Access Panel up, on to the mounting plate, then lock it using the included key.

### Initializing a new Master PIN code

On the Gate Access Unit's keypad, press **# # #**, followed by a four-digit Master PIN number that you will remember. A tone indicates that the unit has accepted your Master PIN code. **\*** is a 'reset' button to cancel and re-enter a code. Up to 50 additional PIN numbers can be added later, for other users.

For Example: Enter **# # # 1 2 3 4** (### enters 'Initialize Master PIN' mode, 1234 is the Master PIN).

### 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). Repeat the process for any additional Gate Controllers. If you only have one Gate Controller, enter an ID of **1**.

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

### Activating a Key-Fob Remote



Each numbered button on a remote must be activated separately, to control one of four Gate Controllers. Enter your master PIN number on the Gate Access Panel, followed by **8**, then the gate controller number (1-4). After the Gate Access Panel beeps, press and hold the remote button you wish to use for that Gate Controller. The Gate Access Unit will respond with a double-beep.

For Example: Enter **1 2 3 4 8 1 [1]** (1234 is the Master PIN, 8 enters 'Activate Remote' mode, and 1 selects the #1 or only Gate Controller, the last digit is the #1 button on the remote).

## 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.

### 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.*

### Activating the Intercom Function and Creating an Intercom Network

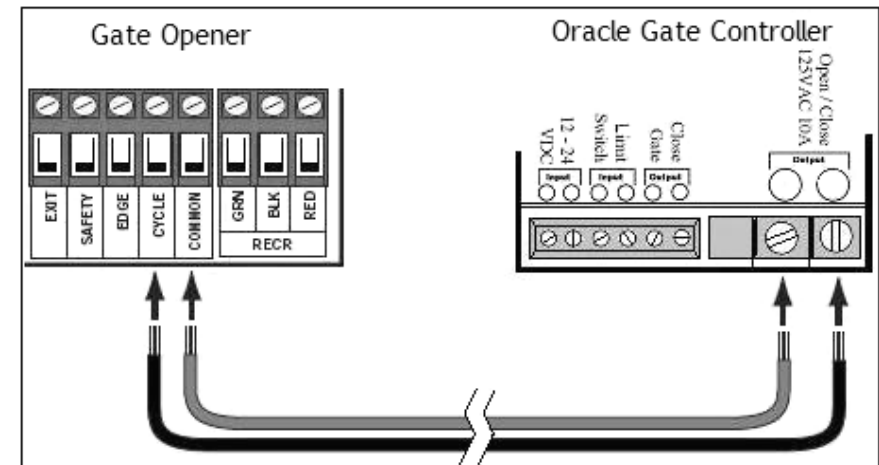
If you will use the Intercom function of the Oracle Gate System, on the Gate Access Panel, enter the Master PIN number followed by **05** to temporarily disable the Learn Lock-out function for one minute. After you hear a double-beep, press the CALL button on the Gate Access Panel. Within 20 seconds, hold down both buttons on a Wall Mount Intercom or the LEARN button on a Portable Intercom for one second. Within ten seconds, you should hear a beep as the Intercom learns the Gate Unit’s ID code.

**For Example:** Enter **1234 05** **[LEARN]** (1234 is the Master PIN, **05** deactivates the ‘Learn Lockout’ feature, **[LEARN]** is the CALL button, **[LEARN]** represents the TALK & REMOTE buttons on a Wall Mount or LEARN button on a Intercom.)

After the network has been created, if you wish to add other Intercom units, teach them into the Oracle Gate System network as described in the Intercom unit’s separate instruction manuals. The Gate Access Panel does not need to be accessed, when adding additional Intercoms.

### Installing the Gate Controller

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. Configure the Gate Controller’s dipswitches to the desired ID and mode of operation (see Appendix B for advanced configurations).



## 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, follow the PIN number with the Gate Controller ID (1-4).

**For Example:** Enter **9999** (9999 is a user-assigned PIN and will activate the #1 or only Gate Controller. A Gate Controller ID can be entered to activate 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. After displaying the gate's status it will open or close.

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

### Using the Gate Access System's Intercom Feature

When pressing the CALL button on the Gate Access Panel, Intercom units will beep and the TALK/REMOTE buttons or ACTIVE light will illuminate. The intercom will continue to beep for 40 seconds. During this time, an Intercom will ONLY connect to the Gate Access Unit.

Hold down the TALK button to speak to the visitor. Release the TALK button to hear the response. This will be a secure conversation and other Intercoms will be locked-out.



### Intercom Gate Status Display

After pressing the REMOTE button on an Intercom the Channel lights will display the Gate's status. If all 4 Channel numbers are illuminated, 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 Controller.

If you wish to skip the gate status check:

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

### 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.

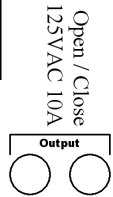
If desired, enable Auto-close on the Gate Controller by flipping Gate Controller Dipswitch #6 to the UP position. If you use this feature, disable auto-close on your Automatic Gate Opener.

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

## APPENDIX B - Advanced Gate Controller Configurations

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	

Reporter  
**Oracle**



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.

### 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 Codes

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**. You will then hear a tone, prompting you to enter a new user-level PIN number. To limit the new PIN to a single Gate Controller, enter the PIN followed by the Gate Controller ID it will access (1-4), creating a five digit PIN.

For Example: Enter **1 2 3 4 9 1 1 1 1 2** (1234 is the Master PIN, 9 enters ‘Add New PIN’ mode, 1111 is the PIN for the new user, 2 assigns that PIN to ONLY open gate #2).

### Removing a PIN Code

Enter your **Master PIN** followed by **7**. You will then hear a tone, prompting you to enter **## #** followed by the **four-digit** PIN number that you wish to remove. The Gate Access Panel will give a double-beep in response. A wrong PIN gives a triple-beep. You may not delete the Master PIN.

For Example: Enter **1 2 3 4 7 # # # 1 1 1 1** (1234 is the Master PIN, 7 enters ‘Remove PIN’ mode, ### prompts you to enter a PIN, 1111 is the PIN to be removed).

### Power-Save Mode

Power-Save Mode will increase battery life by reducing power consumption and limiting some features. In **Power-Save mode**, the keypad will only light up when a key is pressed. **Power-Save mode** is enabled by entering your **Master PIN** on the Gate Access Panel followed by **03** and disabled again by entering your **Master PIN** followed by **04**.

For Example: Enter **1 2 3 4 0 3** (1234 is the Master PIN, 03 enters ‘Power Save Mode’).

### Gate Access Panel Speaker Volume

The volume of the speaker in the Gate Access Unit can be set to three different volume levels. Enter your **Master PIN** followed by **0 6**, then enter **1 2** or **3** to change the volume to be louder or softer. The default volume level is 2.

For Example: Enter **1 2 3 4 0 6 3** (1234 is the Master PIN, 06 enters ‘Volume’ mode, 3 sets it to High Volume).

### Gate Access Panel Microphone Sensitivity

The Microphone Sensitivity in the Gate Access Unit can be set to three different sensitivity levels. Enter your **Master PIN** followed by **0 7**, then enter **1 2** or **3** to change the sensitivity to be higher or lower. The default volume level is 2.

For Example: Enter **1 2 3 4 0 7 1** (1234 is the Master PIN, 07 enters ‘Microphone’ mode, 1 sets it to low sensitivity).

## Gate Access Panel 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 or when a button is pressed. This feature is disabled in Power Save Mode (see **Power-save Mode**). The brightness of the keypad illumination has three levels of brightness, which can be set by entering your **Master PIN** followed by **08**, then enter **1**, **2** or **3** to change the illumination to be brighter or dimmer. The default level is 2.

**For Example:** Enter **1234 08 3** (1234 is the Master PIN, 08 enters 'Brightness' mode, 3 sets it to the brightest setting).

## Changing the Master PIN Code

To Cancel the existing Master PIN code and teach the Gate Access Panel to use a Master PIN code, Enter your Master PIN, followed by **09**, then enter **###**, followed by the NEW Master PIN code.

**For Example:** Enter **1234 09 ### 5678** (1234 is the Master PIN, 09 enters 'Change Master PIN' mode, ### prompts you to enter a new Master PIN, 5678 is the new Master PIN).

## Anti-Tampering Alarm

If the Gate Control Unit is forced open, an alarm will sound in the Gate Access Unit, and will continue to sound on Intercom units for an hour, until a key is pressed on an intercom unit.

## Wall-Mount Intercom Settings

The Wall-Mount Intercom can be set to control any one of four gate controllers. The default setting is **ON** (towards the circuit board). **OFF** (open) is away from the circuit board.

- sw1&2 select which gate controller the Intercom will activate. Default is ID #1 (both switches **ON**).
- sw3 is **ON** for secure mode, **OFF** for intercom conference mode.
- sw4 is **ON** to display Gate Status, **OFF** to disable Gate Status Checking.

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

## Portable Intercom Settings

Portable Intercom units are intended to be an add-on accessory with limited function and can only control the Primary Gate Controller (#1). The default setting is **ON** (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 - Keypad Commands

Note: **P P P P** represents any 4-digit PIN, **M M M M** represents the Master PIN, **n** represents the ID of one of up to four gate openers.

### Activating a Gate Controller

**P P P P n** **PPPP** is a user-assigned PIN and will activate the #1 or only Gate Controller. A Gate Controller ID can be entered to activate a different gate controller

### Initializing a new Master PIN code

**### M M M M** **###** Prompts you to enter a new Master PIN code, **MMMM** is the new Master PIN

### Activating a Key-Fob Remote

**M M M M 05** **MMMM** is the Master PIN, **05** De-Activates the 'Learn Lockout feature' for one minute, **⊙** is the CALL button, **[LEARN]** represents the TALK & REMOTE buttons on a Wall Mount or LEARN button on a Intercom.)

### Adding Additional PIN Codes

**M M M M 9** **MMMM** is the Master PIN, **9** enters 'Add New PIN' mode, **PPPP** is the PIN code for the new user; **n** (optional) assigns that PIN to ONLY activate one of your Gate Controllers

### Removing PIN Codes

**M M M M 7** **MMMM** is the Master PIN, **7** enters 'Remove PIN' mode, prompts you to enter a PIN, **PPPP** is the PIN to be Removed

### Activating a Key-Fob Remote

**M M M M 8 n** **MMMM** is the Master PIN, **8** enters 'Activate Remote' mode, and 1 selects the #1 or only Gate Controller, the last digit is the #1 button on the remote

### Power Saving Mode

**M M M M 03** **MMMM** is the Master PIN, **03** enters 'Power Save' mode

**M M M M 04** **MMMM** is the Master PIN, **04** exits 'Power Save' mode

### Disable Learn Lock-out

**M M M M 05** **MMMM** is the Master PIN, **05** De-Activates 'Learn Lockout' for one minute, to activate an Intercom.

### Keypad Settings

**M M M M 06 1, 2, 3** **MMMM** is the Master PIN, **06** selects Volume level \*

**M M M M 07 1, 2, 3** **MMMM** is the Master PIN, **07** selects Mic. Sensitivity \*

**M M M M 08 1, 2, 3** **MMMM** is the Master PIN, **08** selects Keypad Brightness \*  
\* 1, 2, or 3 sets one of three levels. 2 is the default

### Changing the Master PIN Code

**M M M M 09** **### M M M M** **MMMM** is the Master PIN, **09** enters 'Change Master PIN' mode, **###** Prompts you to enter a new Master PIN code, **MMMM** is the new Master PIN