

Cellular Select Gate Installer Guide

Models SG2CL, SG3DMCL, SG3DMRCL



**Select
Entry
Systems**

A Division of Select Engineered Systems

Hialeah, FL33016

www.selectses.com

“Select, Don’t Settle”

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Manual Part #: 600SGCLMAN

Date: July 2016

Cellular Select Gate Overview

Please read this entire guide before attempting to install this system.
This system should only be installed by an authorized installer/dealer.

Site Survey

Before installing this system, you need to be sure that there is good GSM cell coverage in the area it is to be installed. It is recommended that you conduct a site survey, and check reception on the site for a GSM network. If reception is poor in the area, then this system is not recommended. This unit currently operates on AT&T and T-Mobile networks in the USA. It is recommended that the system be set up, configured, commissioned and tested on a workshop bench before being taken to customer site for installation.

SIM Card

You will need a GSM network SIM card in order to use this system. It should be a regular voice and SMS text SIM card. Do not use a data only SIM, as this type of SIM is only for tablets and will not work in the Cellular Select Gate.

SIM Card has already been installed in your New Cellular Select Gate

Activation Instructions.




Locate the AT&T SIM card holder attached to the activation card enclosed with the Cellular Select Gate. Call 786-202-0862 to activate SIM card. (Basic information is required for add-on or activation of new account).

Provide SIM number shown on ID Card.
Obtain and record new cell number for future reference.

Activation is complete. Verify voice and text is functional; otherwise, contact your carrier.
Select Gate is ready to go!


You may also use a GSM SIM added onto your own cellular account, if preferred.



SIMPLE ACTIVATION INSTRUCTIONS FOR THE CELLULAR SELECT GATE SYSTEM

AT&T PLAN OPTIONS

1. Add a line to any existing AT&T account with unlimited talk and text for as low as \$15 per month.
2. Other plans, including pre-paid plans, are also available.
3. Please contact AT&T service provider for plan options.




SIM Card has already been installed inside the Cellular Select Gate Unit.

1. Locate the AT&T SIM card holder Attached to this flyer.
2. Call 786-202-0862 to activate SIM card (basic information is required for Add-on or activation of new account).
3. Provide SIM # shown on ID card.
4. Obtain and record new cell number for future reference.
5. Activation is complete! The Cellular Select Gate is ready to go!

Please call USA Wireless at 786-202-0862 to activate card.
Hours 10:00am - 8:00pm EST

← SIM Card #



Select...Don't Settle

Installing SIM Card

Make certain that the power is OFF on the Cellular Select Gate.

Slide the SIM card holder in the open direction, and carefully open the door.

Do NOT force it.

After power-up, wait 20—30 seconds for Cellular Select Gate to boot up and connect to a network.

Test the Cellular Select Gate for correct operation.

Send SMS text message *20# to Cellular Select Gate phone number to determine signal strength.

Response range is 1 to 31, but the most reliable operation is at signal strength 14 or above.

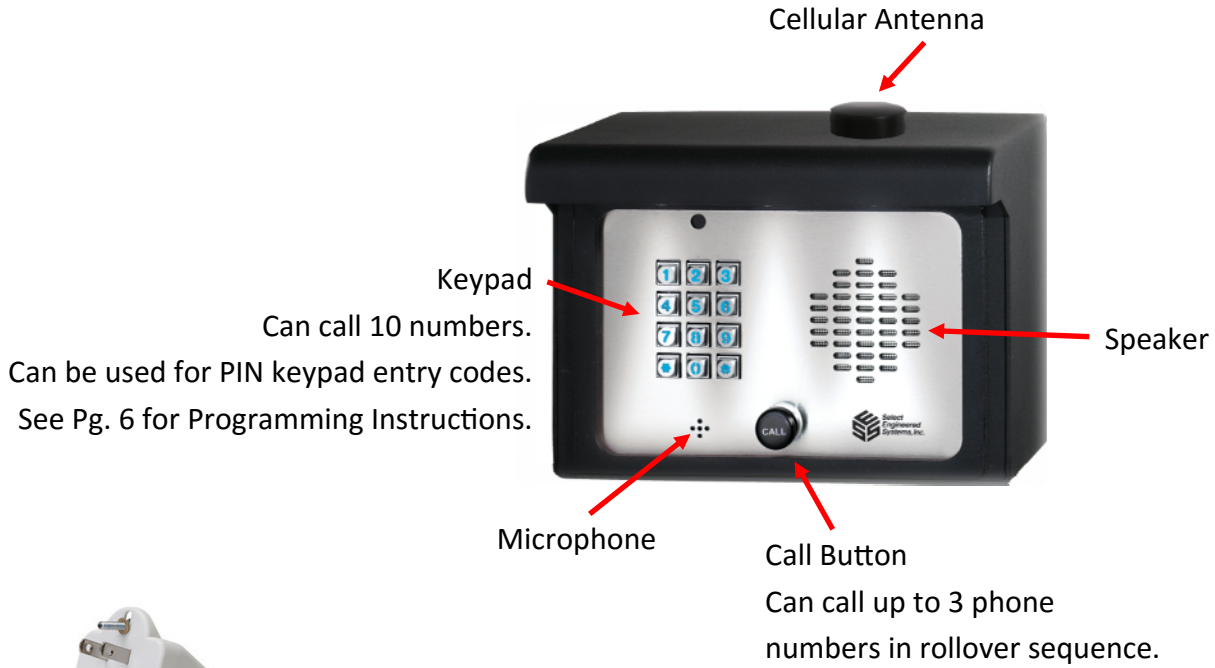
(The larger the value, the better the signal strength.)

Note: This unit is a dual 2G/3G system, operating on either 2G or 3G network frequencies of 850/900/1800/1900MHz.

Power

This system comes with a 16.5 volt 20 VA AC transformer power supply. It is recommended that it is located within 50 feet of the Cellular Select Gate and cabled using 18 gauge cable less than 50 feet in length. Current draw (at idle) is 90mA @ 12 VDC; 80 mA @ 24 VDC (with lights).

Cellular Select Gate Components



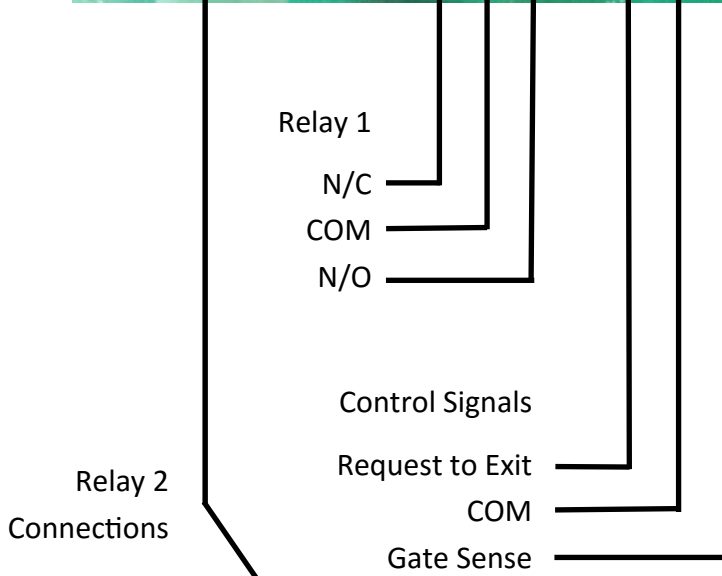
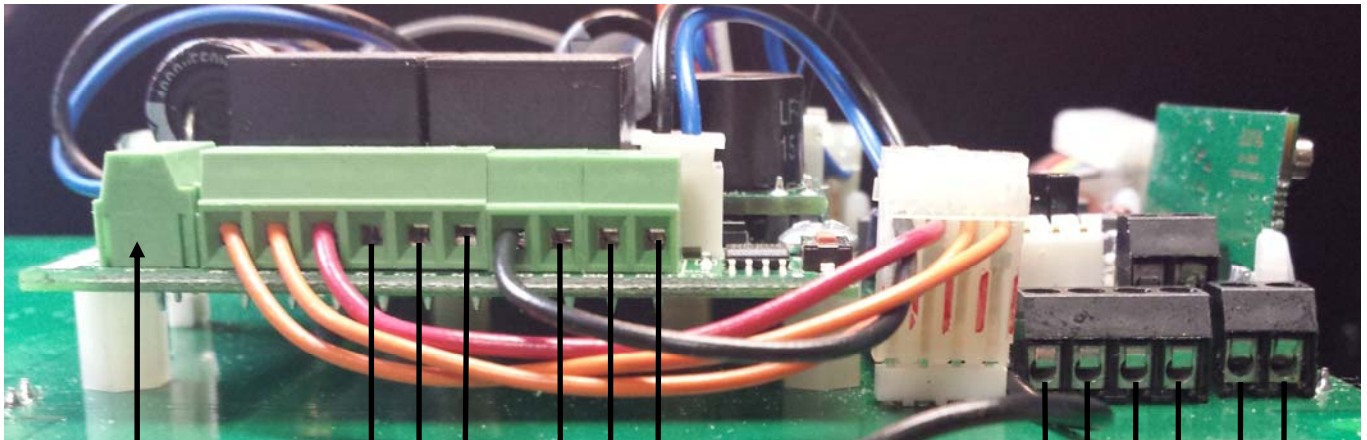
16.5 20 VA AC
Supplied Transformer

Optional Curb and Street mount pedestals.



Cellular Select Gate Connections

Side view

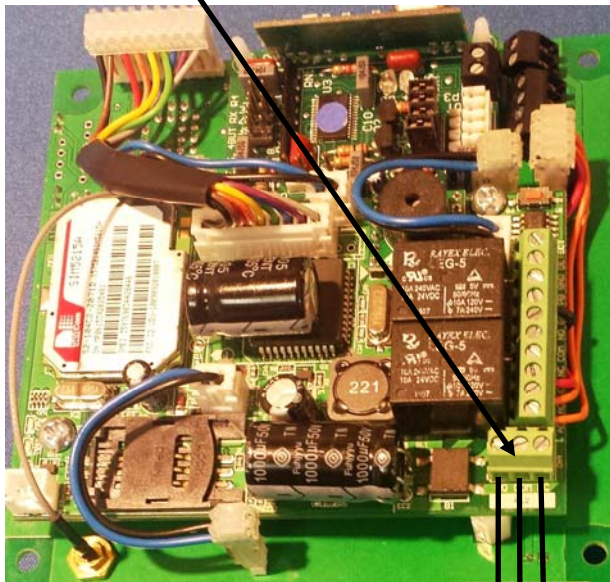


Optional Card Reader connections

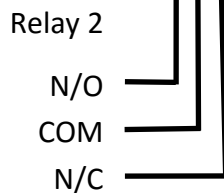
- Power (Red)
- Comm (Blk)
- D1 (Wht)
- D0 (Grn)

Power Connections:
16.5 VAC 20 VA transformer provided.
(Will also accept AC or DC 12-24 Volts.)

Power must use 18 ga wire up to 50 feet.

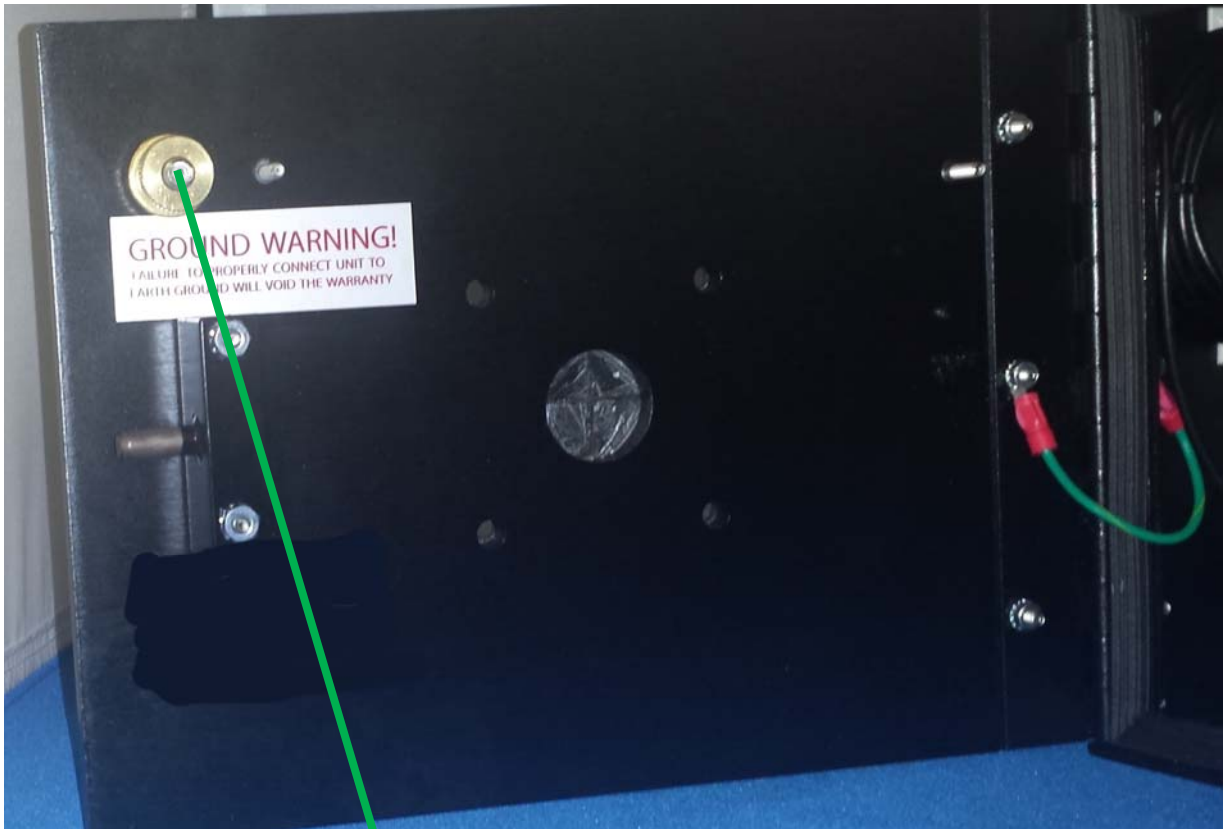


Top view



Cellular Select Gate Grounding

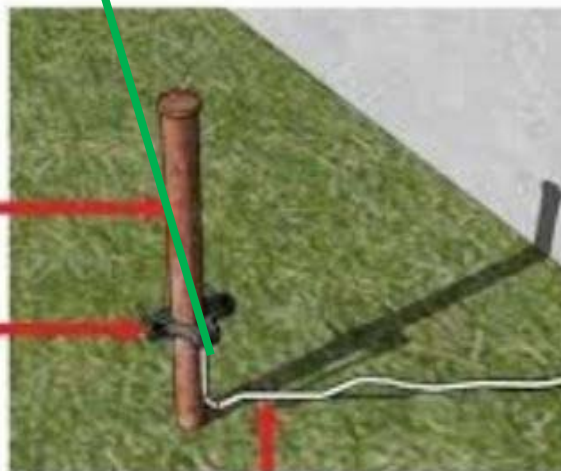
The Cellular Select Gate case **MUST** be grounded to a good earth ground. Use at least a #16 gauge wire no more than 25 feet from the Cellular Select Gate to the earth ground rod.



← Ground wire.

Grounding Rod

Ground Rod Clamp



Cellular Select Gate Keypad Programming

This is how to set a Cellular Select Gate keypad digit to dial a phone number; how to call a number; and how to clear a number already assigned to a keypad digit.

Enter Programming Mode { *0 } [4-digit password] *		
Keypad Steps		Select Gate Response
Press * and 0 together	{*0}	2 beeps
Enter password digits	4 digits 0-9	Short beep for each key pressed
Press * to end command	*	Password OK: 2 short beeps Password NOT OK: long beep
Example: { *0 } 7777 * Enters programming mode using factory default password 7777		

Assign Phone Number to Keypad Digit 1 K [phone number] *		
Step	Keypad	Select Gate Response
Enter command "1" then a single keypad digit K (0 – 9)	1 K	Short beep for each key pressed
Enter phone number	Up to 16 keys	Short beep for each key pressed
Press * to end command	*	Accepted: 2 short beeps NOT Accepted: long beep
Example: 1 5 3058235410 * Sets phone number 3058235410 to keypad digit 5 Once programmed, press keypad digit, then Call button to call assigned Phone Number.		

Clear a Keypad Digit Phone Number 1 K 0 *		
Step	Keypad	Select Gate Response
Enter command "1" then a single keypad digit K (0 – 9)	1 K	Short beep for each key pressed
Enter Clear command (0)	0	Short beep
Press * to end command	*	Accepted: 2 short beeps NOT Accepted: long beep
Example: 1 5 0 * Clears the phone number assigned to keypad digit 5		

Exit Programming Mode		
Step	Keypad	Select Gate Response
Press exit characters together	{*0}	2 short beeps

Dialing Out

Factory Default settings: Touch tone 6 opens relay 1 for 1 second.

Cellular Select Gate LED Indicators

Power on. →

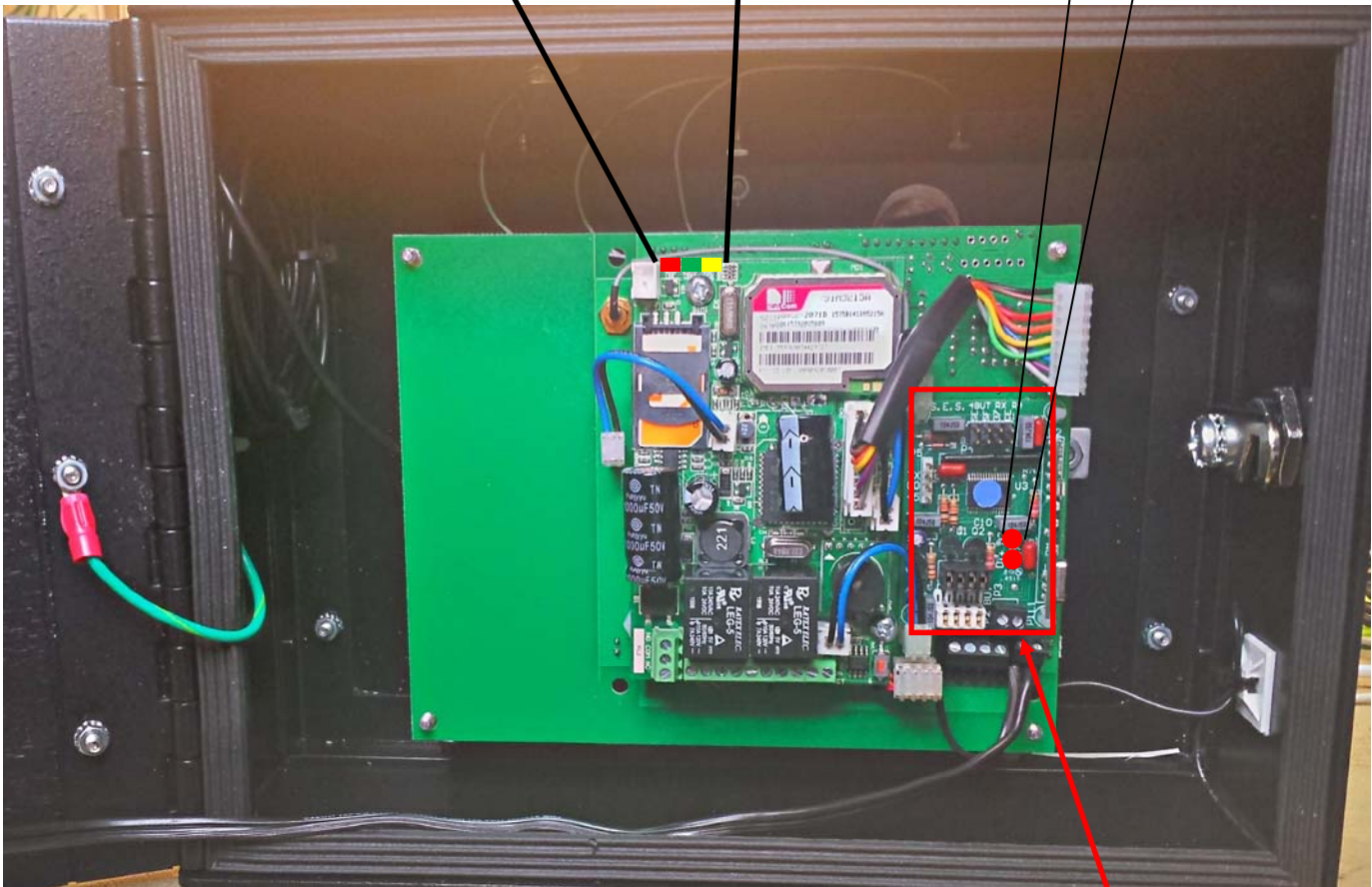
3 Sec. Solid = Started, or in use.
1.5 Sec. Flash = Ready

Flashing = Standby
Solid = In use

Red GRN Yel

● RF Clicker Read.
(Useful for walk test.)

● RF Receiver on.



Optional RF Card Receiver.



SGMC Mobile App available from Google Play
or the App Store.
(Scan QR code at left.)

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07/16

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