PLEASE READ BEFORE INSTALL

ECGO-GKP Cellular Telephone Entry

WWW.MYECGO.COM

**For your protection, read these instructions completely
And keep them for future reference.
Thank you for purchasing ECGO-KPG. Please read this manual carefully
before using.
Be sure to keep this manual for future reference in case of any problem or
question should arise.**

IMPORTANT SAFTY INSTRUCTIONS

When using this ECGO-GKP, basic safety precautions should always be followed to reduce the
risk of fire, electric shock and personal injury. Please read the following before using your
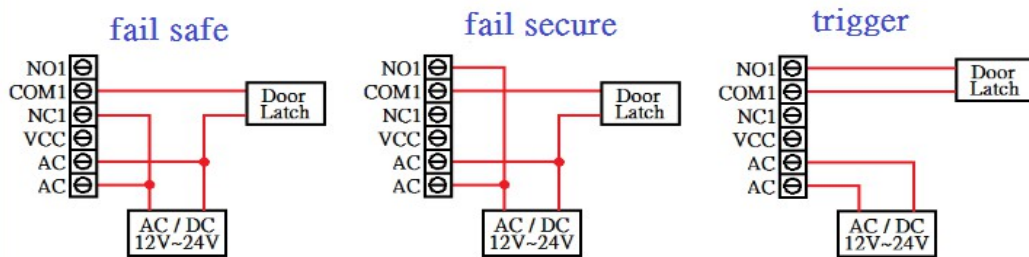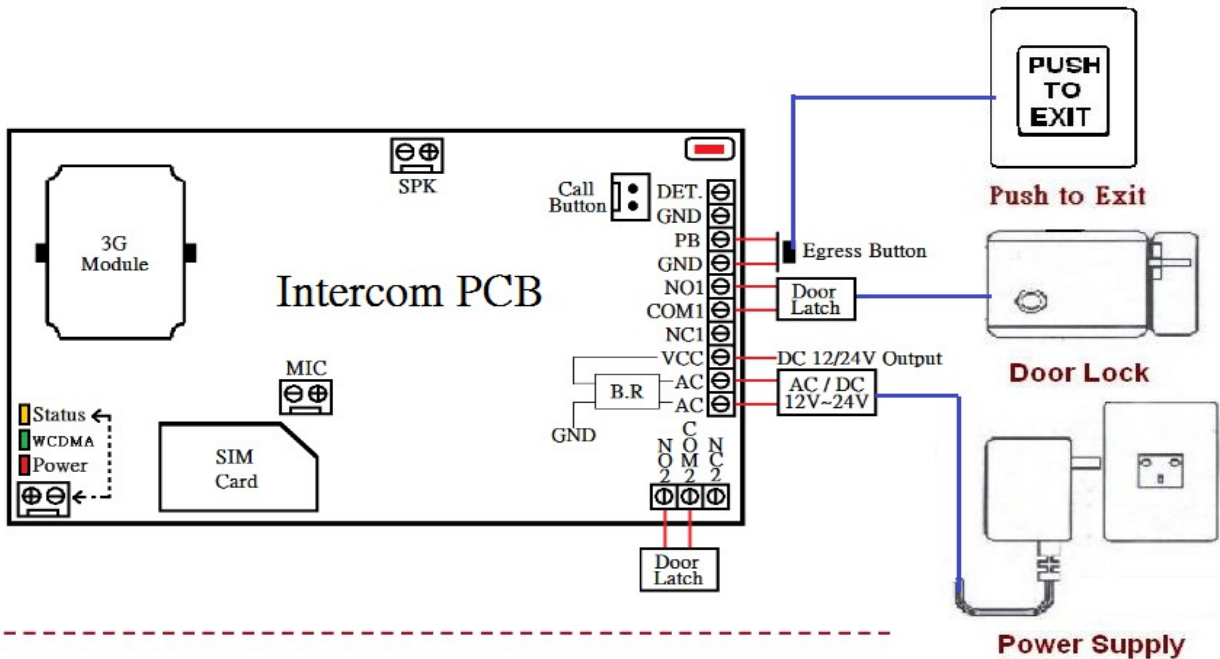equipment.

- Follow all warning and instructions on the product.

- Unplug all the connections of product before cleaning. Do not use liquid cleaners or aerosol
cleaners. Use a damp cloth for cleaning.

- Do not use this product around Sprinkler outlets..

- Do not use this product near an area where there is a potential of gas leaks or near any fumes
that can be explosive.

- Do not place this equipment near or over a radiator or any other heat source.

- Do not overload the wall outlet or power cord where the power adapter is installed. This can
result in fire or electric shock

- Avoid spilling liquid on this equipment and do not insert any objects through the ventilation
slots.

- Avoid using the equipment during an electrical storm. There is a remote risk of electrical
shock from lighting.

ECGO-GKP   INTRODUCTION

The ECGO-G is a telephone entry system, installed at the entrance of a building or outside gate area. It is an ideal product replacing the traditional door/gate phone. It allows you to speak with visitors standing at the entrance of your company or house entrance from a remote location. A visitor, by simply pressing the Call button establishes a mobile call with you. During the call you will be able to activate two devices, whether it is gate or activating / de-activating any other devices by pressing appropriate digits.

This ECGO-GKP gives you the opportunity not only to know who is waiting at the entrance from a remote location but also to control the access point. Use of ECGO-GKP at your company or house does not require any special installation and wiring. Simply install the ECGO-GKP and connect out put to gate operator and power supply.

ECGO-GKP Specification	
Operating Voltage	12 to 24 Volt DC/AC
Operating Current	Maximum 250mA, Typically 55mA
Frequency	850/900/1800/1900 or 900/1800 MHz
Humidity	Less than 80% RH
Operating Temperature	-20℃ to 50℃

SIM card Standard Size Only

Insert the SIM card into the SIM card holder and close it carefully. After Sims card is installed. Power unit up, the unit will beep, until it connects to the cell tower.

Standard size sim card or Mini with adapter is acceptable Card AT&T or T-Mobile or any GSM network only 3G no 4G data needed

Needs Voice and Text Messaging only <u>NO 4G DATA Needed</u>
Card must be activated at store. Make sure you get the Phone number to the Card

Power Supply

Connect a 12 volt DC power supply to terminals marked "12V~24V AC/DC"
The ECGO-GKP is designed to work with power supplies 12V~24V AC/DC.

The power supply should be capable of supplying a constant current of no less than 1amp, a transformer is supplied

Be very careful to not damage antenna wire and use the supplied gasket for water tight
Seal damage to Antenna will cause failure and void warranty

LED Status " Indicator

LED	Status
Red (standby)	Flashing
Red (using)	Solid

- **LED 'Network "Indicator**

LED	Status
Red (ready)	Flashes once per 3 seconds
Red (searching)	Flashes once per second
Red (busy)	Solid

- **LED " Power " Indicator**

LED	Status
Red (power on)	Solid
Red (power off)	Off

Programming Via text with your cell phone

The ECGO-GKP has two Relays pending on the one connected it must be added to the
programming of users and codes not needed to add the 3 owners to call number

Add the owner of the gate Owner (Up to 3 owners)
Programming Unit Via Text Massaging
You can use any text massaging method, your cell Phone
Computer, Etc. Google Voice works great or www.onlinetextmessage.com. Just
enter the programming codes into your text message (See Examples below). Type
units phone Number (that came with sim card) then Type the code
Into the message box and hit enter or send message. Once
This has been done your computer or your cell will receive a message from the
Unit stating that the unit received the
Message "OK" That's it your done. If you do not get the OK Message (up to 10-40 secs)
You must resend text again.

EXAMPLE
Programming Owners
Programming Owners Phones up to 3 Numbers
Add Owner 1   *12*1234#11 owners area code & phone number #
Add Owner 2   *12*1234#12 owners area code & phone number #
Add Owner 3   *12*1234#13 owners area code & phone Number#
So if owner 1 # is 8038316013 it should look like this *12*1234#118038316013#
Then just send it and wait till you get reply back OK "
Then proceed with owner 2 and 3 the same way

"""Owners Numbers MUST BE ADDED TO THE USER PROGRAMMING """"
"""BEFORE NEW USERS OF GUESTS CAN BE ENTERED """"

Note the ECGO-GKP has two relays pending which one you connected you must
program the relay in
before the phone number of the user

Programming USERS and OR GUESTS
Acts like a Keypad using Users Cell Phone
Programming CALL to Open Gate up to 1152 Users
to add a user *12*1234#72(relay#) area code Phone Number #
Example cell number is 8038316013
*12*1234#7218038316013#   then send text

to delete a user *12*1234#73 (area code Phone) Number #
Relay to delete is not needed

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Check ECGO-GKP signal strength (0~30 levels)

When a request for ECGO-GKP signal strength message is sent to the ECGO-GKP it will reply with a digit signal strength code. The code will be between 0~30 means the signal level is from poor to best. Signal strength lower than **level 14** may cause operational problems such as loss of speech quality (and possibly missing DTMF tones) and network loss.

Send   text   ***20#**   you will receive a text back stating signal strength

ECGO-GKP Operation

When the visitor pushes the call button to activate the ECGO-G ring tone will be heard from the ECGO-G. At the same time connection is established with the phone number that is stored in the ECGO-GKP if the first number is busy or not answered the call can be diverted to the second and the third. The remote phone answers the call from ECGO-GKP and starts conversation with the visitors. During conversation press * on your mobile Phone to open gate. # To Latch Gate Open, 1 to unlatch gate all with in the allotted time of the conversation. If latched open and conversation is over, to unlatch simply text *35*5678# Provided your connected to relay 1 and the gate will time out and close.

<u>Owners can Open, Hold Or Then Close there Gate Via Text Message</u>

Momentary trigger gate open *33*5678# If wired to relay 1
Latch or Hold Relay: *34*5678#   If wired to relay 1
Release Relay: *35*5678#   If wired to relay 1
Momentary trigger gate open *36*5678# If wired to relay 2
Latch or Hold Relay: *37*5678#   If wired to relay 2
Release Relay: *38*5678#   If wired to relay 2
Check Relay Status

You can send SMS Text to check relay status.
Send   *22#

Reply - Relay=off means gate is closed, Relay ON means gate is open or in Latch Mode

<u>EXAMPLE</u> Add a Friend/Guest *12*1234#72(relay#) FRIENDSNUMBER#
"then send it"
In this Example 72 is the function code.

Function Code Table

Function *21# will text back all numbers that are programmed in the ECGO-G

No.	Feature	Function Code	Description	Default
1	Change password of Programming Mode	**01 + password#**	password:4 digit codes	1234
2	Change password of Access control Mode	**02 + password#**	password:4 digit codes	5678
3	Change password of Monitoring Mode	**03+ password#**	password:4 digit codes	1212
4	Store phone numbers of Owners (Max:3 numbers)	**1 + n + #+phone number#**	n=1st to call 2 = second to call 3 third to call + phone number of that owner	None
5	Speaker Volume	**3 + speaker volume#**	volume:0~4 levels	3
6	Microphone Volume	**4 + microphone volume#**	volume:0~4 levels	3
7	Relay Time	**51 + relay time#**	relay time= n *0.5sec n:1~9	1
8	Divert Time	**52 +divert time#**	divert time :10~99 sec (2 digit codes)	20 sec
9	Call Time	**53+call time#**	call time:005~999 sec (3 digit codes) Must enter 3 digits	060 sec
10	Ring in to open the door (Max: 1152 numbers)	**(country code) 72+Relay #Add phone number# 73+Delete phone number# 73*#Delete all numbers**	Add number: 3~15 digit codes Del number: 3~15 digit codes	Default USA
11	Add administrator phone number for SMS programming	74+ TEL #，3~15 digits see note below	To add administrator phone number (no number no restriction)	None
12	Delete administrator phone number for SMS programming	74*#	To delete administrator phone number	None
13	Relay Trigger	**61 + N#**	X=0~9 / * /#	*
14	Relay Hold	**63+ N#**	X=0~9 / * /#	#
15	Relay Release	**64+ N#**	X=0~9 / * /#	1
16	Reset	**999#**	reset default	None

Note: when administrator number is programmed only that number can change it (be careful
Only add admin if you know you will have access to that cell phone to change to a different
admin)

To Store a Pin Code on the key pad
*12*1234#87(relay#)5digitcodeonly)#   then send message (wait till your messages gets a OK
back) then try your code

EXAMPLE if my code is 54321 and I'm wired to relay 1on the ECGO to gate operator then
*12*1234#87154321# is my message to my ECGO-GKP's sim card number Via text message,
allow a short time and you will get a text back saying OK""   **Note:** 400 Code Capacity

To Enter the code on the Keypad to Open the Gate Example: user simply
presses 54321# and Gate/Door will open   3""""""Beeps means invalided code

To Delete: code 54321 *12*1234#88(1=Relay)(Code)# Example *12*1234#88154321#
then send message
To delete all codes at once   *12*1234#88*#
To Check all Pins Stored send text *24# your report will be texted back to you

<u>Programming the owner to receive incoming and outgoing reports Via Text message</u>
0= no sending report
1= sending report Via text message

1st step   Example   *12*1234#84(1)# then send   wait till ok back (may take 10—40 secs)

2nd step the mobile number report gets sent to *12*1234#85(mobile number)# then send   wait till ok back

3rd step the number of the sim card used in the ECGO-GKP *12*1234#86(sim card phone number in the unit) #   then send

To delete the mobile number where log is sent *12*1234#85*#
To delete the sims card number in the unit   *12*1234#86*#

To retrieve and check log send a text to
Your unit
*44*1234#

Replied log information
001@15/04/25 (year/month/day) 13:12:45 (12 min 45 seconds after 1.pm) I-7047869815 (number of person whom came in)
Example
002@15/04/25,13:12:45-I-7047869815

<u>**Hard Reset (for restoring unit to Factory)**</u>
**Push Reset Button and Hold Jump PB and GND you will hear "DOU" Tones
Power (up to 10 secs) remove Jumper. Returns unit back to factory default
(This is only needed if you loose your passwords or codes)**

**Programming work sheet
ECGO-G Cell Phone Entry System**

SIM CARD NUMBER;_____

**Owner 1 Number:_____
Owner 2 Number:_____
Owner 3 Number:_____**

Phone Number of Users (Access to Property up to 1152)

**User 1:_____
User 2:_____
User 3:_____
User 4:_____
User 5:_____
Pins 1:_____
Pins 2:_____**

**For technical help please call your certified Gate installing Dealer/Distributor
ECGO Inc 704 768 2230**