



Please read before installing for professional installers only

ECGO-GKP Cellular Telephone Entry



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 ONLY””
Operating Current	Maximum 250mA, Typically 55mA
Frequency	850/900/1800/1900 or 900/1800 MHz
Humidity	Less than 80% RH
Operating Temperature	-20°C to 50°C

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 NO 4G DATA Needed
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

Hard reset(for restoring unit to factory)

Push red reset at same time jumping PB and GND till you hear Dou" tones release all at once

LED Status POWER" Indicator

LED	Status
Red on	Solid
Red Off	Off

• LED "Network "Indicator

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

• LED "Keypad " Indicator

LED	Status
Yellow (Standy)	Flashes once per 5 seconds
Yellow (Solid)	In use
Yellow LED Keypad only	Flashing=Standby Solid= in use

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

EXAMPLE

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

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-GKP ring tone will be heard from the ECGO-GKP. At the same time connection is established with the phone number that is stored (owner) 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 * (for relay one) on your mobile Phone to open gate. # To Latch Gate Open, 1 to unlatch gate all within the allotted time of the conversation. **And If RELAY 2 is used** 7 to open 8 to hold and 9 to release Hold. If latched open and conversation is over, to unlatch simply text *35*5678# Provided your connected to relay 1 and for relay 2 **385678#** and the gate will time out and close.

Owners can Open, Hold Or Then Close there Gate Via Text Message

| | | |
|-----------------------------|-----------|---------------------|
| 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

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

Function Code Table If need to make changes *12*1234# is needed in front of all function codes

| 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 |

| | | | | |
|----|-----------------------|------------|---------------|---|
| 17 | Change relay2 trigger | 67 [X] # | X=0~9 / * / # | 7 |
|----|-----------------------|------------|---------------|---|

| | | | |
|----|-----------------------------|------------|---------------|
| | code | | |
| 18 | Change rely 2 hold code | 68 [X] # | X=0~9 / * / # |
| 19 | Change relay 2 release code | 69 [X] # | X=0~9 / * / # |

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)

Function table for programming Keypad (model GKP only)

- 1**=trigger on relay “1” (this will allow you to open gate and timer on operator to close gate when wired to relay 1)
- 2**=toggle on relay “1”(This function will allow you to enter code to hold gate and reenter the same code to close gate when wired to relay 1)
- 3**=trigger on relay “2 “ (this function will allow you to open gate and timer on operator to close gate when wired to relay 2)
- 4**=Toggle on relay “2”(This function will allow you to enter code to hold gate and reenter the same code to close gate when wired to relay 2)

To Store a Pin Code on the key pad *12*1234#87(**Function number**)5digitcodedefault)#
then send (wait till your messages gets a OK back) then try your code on the keypad
Note:(5 digit is default to change *12*1234#899 1--to---14--digits#)

Example if my code is 54321 and I'm wired to relay 1 on the ECGO and want to trigger the gate open *12*1234#87**1**54321# is my message to my ECGO sim card number Via text message, allow a short time and you will get a text back saying OK"" **Note:** 400 Code Capacity

Example if my toggle(hold/release) code is 98765 and I'm wired to relay “1” on the ECGO and want to toggle gate hold and later release with same code *12*1234#87**2**98765# then send

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(Function number)(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*1234# your report will be texted back to you.

Programming the owner to receive incoming and outgoing reports Via Text message

**0= no sending report (default from factory)
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

Hard Reset (for restoring unit to Factory)

**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)**

ECGO Warranty

**ECGO Inc warranties the unit from manufacture defects for one year
and takes no responsibility for mis-use, wiring, surge, lightning strikes, incorrect
power supply, water damage vandalism.**

GROUNDING UNIT

Five wires is recommended for the ECGO

2 for power

2 wires for command wires to gate operator

**1 wire for grounding run back to Main incoming power ground on
gate operator.**

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 704 588 4399**

See your App store

