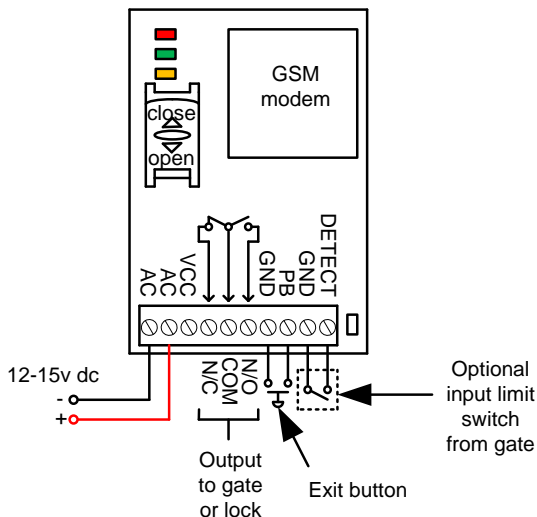
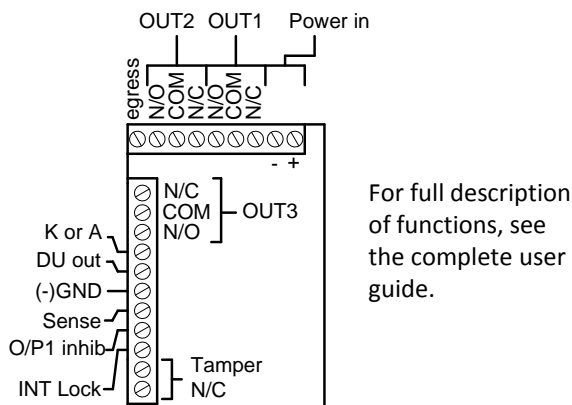


GSM modem Connections

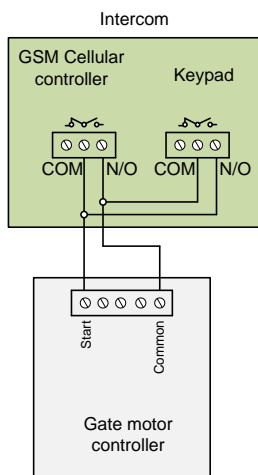


Note: Keep power cable shorter than 10 feet if possible. Use heavy gauge power cable capable of 5 amps, not alarm cable or CAT5 signal cable.

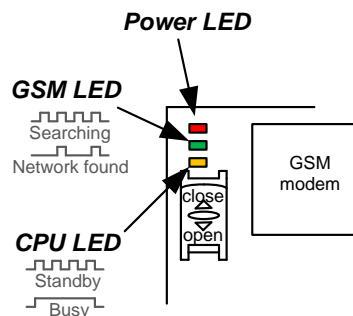
Keypad connections



Connecting keypad & Modem to Gate controls



Modem LED indicators



SIM card

Use At&T or T-Mobile GSM 2G/3G SIM card, either Pre-pay or contract. If SIM is purchased with a phone, it must be unlocked by network provider before it can be used in another device. Ensure pre-pay SIM cards have calling credit and test in a phone first.

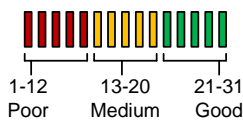
Programming

Programming is done by sending SMS messages to the phone number of the SIM card in the device.

Step 1

Check reception by sending the SMS as shown...

The reply should be above 13 for acceptable performance.



Step 2

Program the numbers you wish the intercom to dial when the call button is pressed...

*12*1234#110987654321#
Pass code Function code Data

Note: All programming messages must begin with the pass code string as shown in red.

Up to 3 numbers can be programmed in the same SMS text as shown below...

*12*1234#11tel.number1#12tel.number2#13tel.number3#
11 = first number, 12 = second number, 13 = third number.

Step 3

Program the length of time phones will ring before the intercom will call the next number...

*12*1234#52??# ?? = time in seconds (10-99, default=20)

Step 4a

Now program telephone numbers you wish to have access to the property. Up to 100 users can call the intercom to open the gates at no call cost..

First you must tell the unit which country it is operating in. Every country has a country code. You can find your country code on the internet. Some examples are given below..

USA = 1, Canada = 1, UK = 44

Send the following SMS replacing ??? with your country code..

***12*1234#71???#**

Step 4b

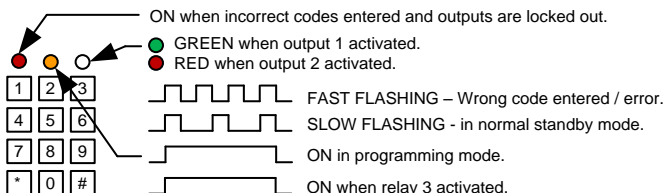
Now you are ready to add the telephone numbers as follows...

***12*1234#72?????#** (????? = telephone number)

Up to 3 numbers can be added together in a single SMS as follows..

***12*1234#72tel.number1#72tel.number2#72tel.number3#**

Keypad Programming (for keypad models only)



Note, after power up, as a security precaution, the keypad cannot be programmed for 60 seconds. Once this time elapses, you may begin.

Step 1 – Enter programming mode

0 0 0 0 * *

Step 2 – Enter new ENGINEERS code

0 1 ? ? ? ? #
 Location 4-8 digit code Validate

Step 3 – Enter new user codes

1 0 2 0 0 0 ? ? ? ? #
 10= relay 1 codes (1000 available)
 20= relay 2 codes (100 available)
 30= relay 3 codes (100 available)
 2= add code
 5= delete code
 Memory locations
 000-999 for relay 1
 001-100 for relay 2
 001-100 for relay 3
 Pin code 4-8 digits Validate

Example: Add user 31 to have access code 5555 operating relay 2....

2 0 2 0 3 1 5 5 5 5 #
 Group 2 Add code Location 31 Pin code 5555 Validate

Step 4 - Change relay times

? ? 0 or 1 - 9 9 9 9 9 #
 51=relay1
 52=relay2
 53=relay3
 0 = start / stop toggle mode (latching)
 1-99999 = seconds momentary operation
 Validate

Note: Relay 1 is operated by group 1 codes, relay 2 by group 2 codes and relay 3 by group 3 codes.

Step 5 – Exit programming mode

To Exit programming mode, press.. * *

Basic User instructions for the intercom

Pressing the call button

When the call button is pressed, the intercom will dial in turn up to 2 programmed telephone numbers. If the user answers the call, they can press usually to trigger the modem relay, or # to latch it on, or button 1 to unlatch again. Note: Once the relay is latched, it must be unlatched before it can be triggered again.

Dialling the intercom

To access the property using your cell phone, simply call the intercom phone number. If the number is stored, then the intercom will automatically open the gates and end the call.

Controlling gates by SMS

To trigger gates, send SMS *33*5678#
 To latch gates, send SMS *34*5678#
 To unlatch gates, send SMS *35*5678#

Using the keypad

To activate the keypad, simply enter the user code.

If you require advanced features, or need troubleshooting assistance, please read the full installation manual which accompanied the product.

ROVE-TEC

www.intercomsonline.com

Call: 888-298-9489