



MAMI

Manufacturing And Minor Inventions

Gismo2 1-to-1 Intercom Accessory

Specification



Power Supply:	12VDC 1A (not included). Connected to Vout and GND 15 - 18VDC 1A (not included) Connected to Vin and GND
Relays:	2 Relays with C and NO only
Calls:	2 Call Buttons with Primary and Secondary numbers (Divert P to S))
SIM Type:	2G Full SIM Card (not included)
Gate Station:	IP54 rating
GSM Module:	Non Weatherproof box (requires separate weatherproof box)
Antenna:	1.3m cable with Magnet holder
Gate Trigger Mem:	2000 Numbers to miss a call to Module and Open gate

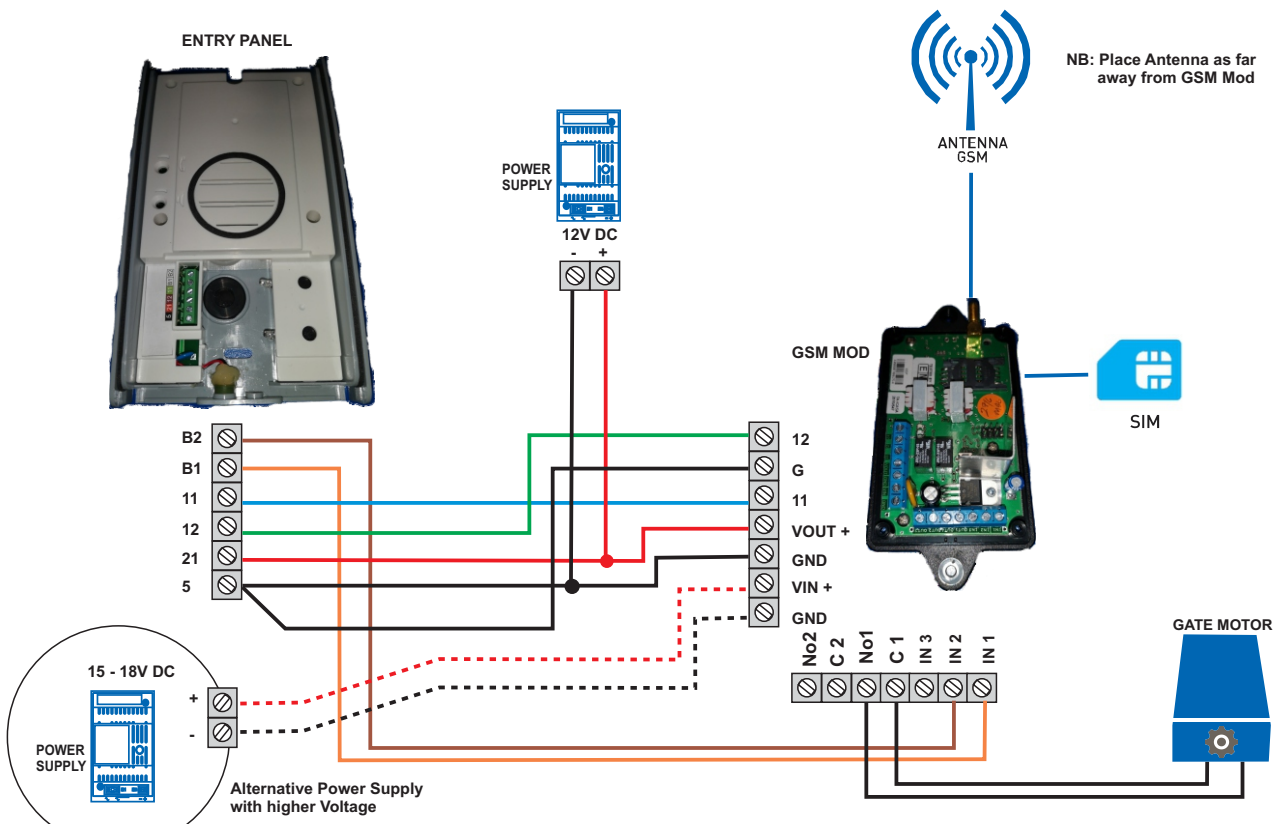
Special User Keys

During Conversation to the gate,
Pressing 1 on the phone will trigger Relay 1
Pressing 2 on the phone will trigger Relay 2

A miss call to the Panel will only trigger a set Relay.(see Adding numbers to open gate)

Other System Commands Codes on the next page

WIRING DIAGRAM



START UP



Please remove/disable the PIN code before insert the SIM into the GSM Module..

The unit is operational when the Green LED flashes slowly (1 flash every 2 seconds) together with the Blue LED. The Panel will Beep once on Startup and again when ready.

PIN code lock and incorrect insertion of SIM will be indicated by the Red LED turning on.

SET UP and PROGRAMMING

ALL numbers need to contain the international dialling code (27 for South Africa) without a leading + or 0 eg.27821231234

Allocating Numbers to Buttons (We will use cell nr 0821231234 as an example, replace this with the correct number)

To program a number to Call Button 1 (Primary) SMS the following to the GSM:

* 2 2 2 2 A D D D = 2 7 8 2 1 2 3 1 2 3 4 , 0 , 1 , 1

To program a second number to Call Button 1 (Secondary) if Primary does not answer (Call Divert).
SMS the following to the GSM

* 2 2 2 2 A D D D = 2 7 8 2 1 2 3 1 2 3 5 , 0 , 2 , 1

To program a number to Call Button 2 (Primary) SMS the following to the GSM:

* 2 2 2 2 A D D D = 2 7 8 2 1 2 3 1 2 3 6 , 0 , 3 , 2

To program a second number to Call Button 2 (Secondary) if Primary does not answer (Call Divert).
SMS the following to the GSM

* 2 2 2 2 A D D D = 2 7 8 2 1 2 3 1 2 3 7 , 0 , 4 , 2

Adding Numbers to OPEN gate via Missed Call

Sms the following to the GSM:

* 2 2 2 2 A D D N = 2 7 8 2 1 2 3 1 2 3 6 , X , 1 , Y

Where X should be the unit nr (up to 2000) and Y should be the relay nr (1 or 2).

* 2 2 2 2 A D D N = 2 7 8 2 1 2 3 1 2 3 6 , 1 6 , 1 , 2

The above will add the Mobile number to unit 16 and trigger relay 2

To Delete a missed call number

Delete telephone number for unit 16 from triggering the gate

* 2 2 2 2 D E L N = 0 , 1 6 , 1

Or

*2222 DELT=27821231234 Delete number 27821231234

**ALL SEND COMMANDS WILL
BE CONFIRMED BY THE UNIT
WITH AN SMS BACK Plus
SIGNAL STRENGTH**

Other System Commands

Systems name:	*2222 NAME=XXXXXX	X can be up to 16 characters
Systems Password:	*2222 PASS=1234	Set password to 1234
Relay Time:	*2222 RELAY(A)=X	A=1(Relay 1). A=2(Relay 2) X=0(0.5s) 1 until 19 for 19s
Set Add Airtime Command:	*2222 AAIRT=X	Where X should be: *100*01* for Vodacom *141* for MTN *102* for CELL C and VIRGIN
Set the Airtime Retrieval Command:	*2222 GAIRT =X	Where X should be: *100# for Vodacom *141# for MTN *101# for CELL C and Virgin *188# for Telkom Mobile
Query Airtime Using Command set in GAIRT:	*2222 AIRT?	Displays Airtime via SMS
Add airtime using command set in AAIRT:	*2222 AIRT=XXXXXXXX	X is the recharge voucher pin
HANG up time:	*2222 HANG=X	X is the seconds (30 to 210s)
Clear all Numbers:	*2222 CLEAR=Y	Clears all numbers from system