

REMOTE CONTROL ACTIVATOR OPERATING MANUAL

GSM 03

CONSENTE DI
ATTIVARE/DISATTIVARE
UTENZE A DISTANZA
TRAMITE APP, SMS
O SQUILLO TELEFONICO

Made
in
Italy



GECA HAS DEVELOPED AN APPLICATION FOR SMARTPHONE/TABLET ABLE TO SIMPLY AND INTUITIVELY INTERFACE WITH YOUR DEVICES. YOU CAN CHECK THE STATUS OF THE RELAYS AND CHANGE IT AT ANY TIME.



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GENERAL DESCRIPTION

The GSM 03 activator is equipped with two **Relays** which can be controlled by means of Apps, SMS texts or phone RINGS (**Relay 1**). The **Relays** can be **enabled**, **disabled**, or **enabled only for set period of time** (Pulse function).

The GSM 03 activator can also be used as a simple thermostat, allowing **Relay 2** switching on temperature to be set up.

The GSM 03 activator is also equipped with three normally open, clean contact alarm inputs (**Remote contacts**). When the **STATUS** (open/closed) of these **Remote controls** is changed, the GSM 03 sends a notification SMS to the user.

The GSM 03 activator can be controlled only by the phone numbers it identifies. These phone numbers can be of 2 types: "**MASTER**" and "**USER**" (See paragraph MASTER AND USER NUMBERS).

The GSM 03 interface has three LEDs:

- GREEN LED: when flashing, it shows a network is being searched for or a fault has occurred; when steady, it shows that the GSM 03 device is connected to the GSM network.
- RED LED CH1: when on, it shows that **Relay 1** is enabled;
- RED LED CH2: when on, it shows that **Relay 2** is enabled;

INSERTING THE SIM

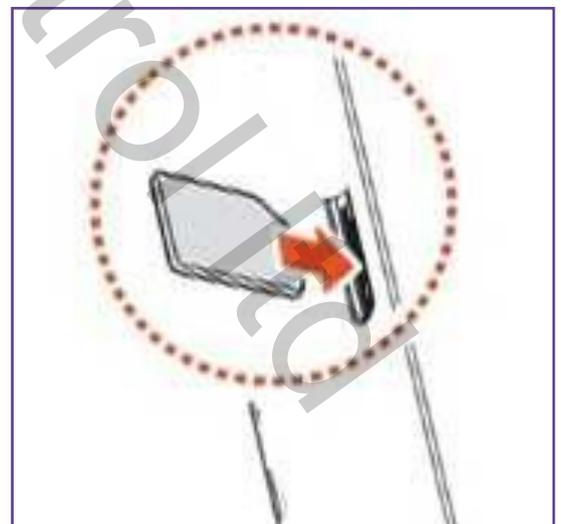
WARNING: WHEN USING OLD SIM CARDS OF MOBILE PHONE SERVICE PROVIDER "3", THE GSM03 DEVICE MAY NOT WORK CORRECTLY.

Before inserting the SIM CARD in the left side side of the GSM03 device:

- **Check your balance on your SIM CARD.**
- **Make sure that your PIN and any answering service are disabled**
- **Make sure that the GSM03 device is off.** (To switch off the GSM03 device, disconnect it from the power supply and hold down the RESET key for 2 seconds).

Then proceed as follows:

1. Insert a SIM CARD all the way until it clicks into place.
2. Power on the GSM03 device.



The GREEN LED will start flashing on the front of the GSM03 device.

The GREEN LED will stay on steady until the GSM03 device finds a GSM signal.

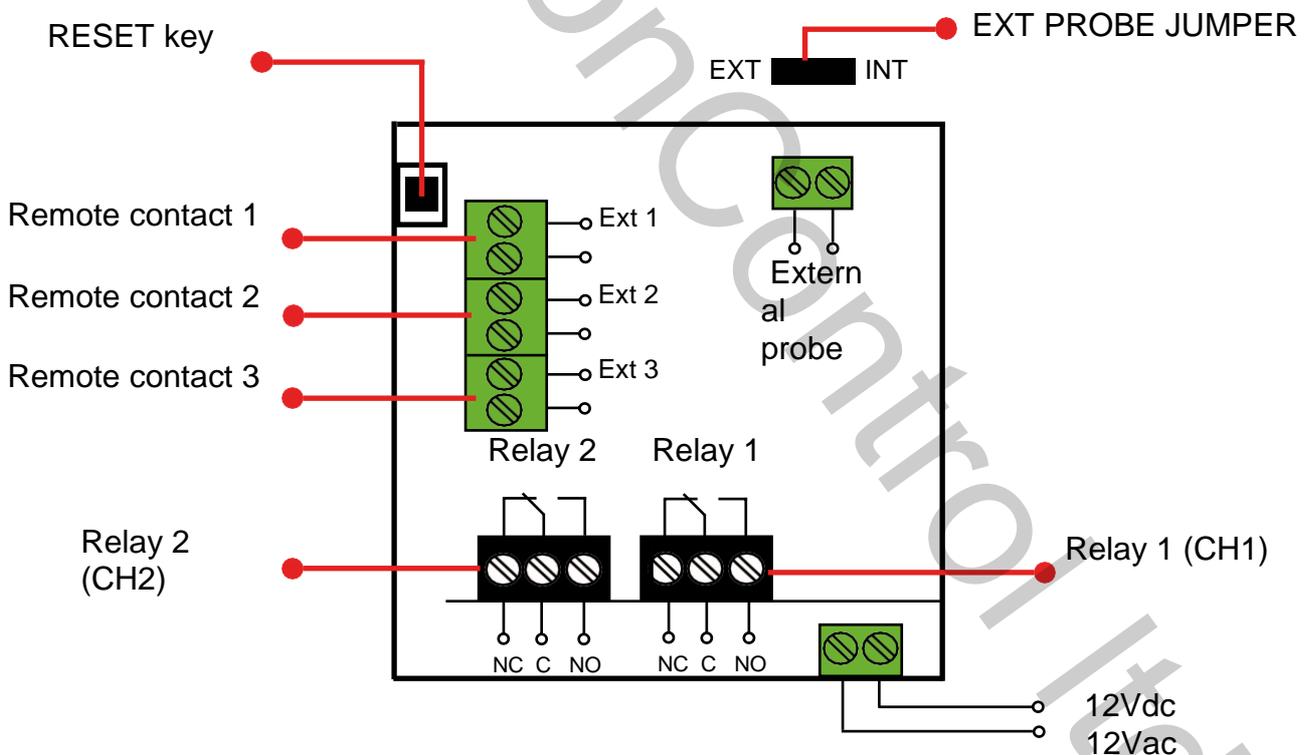
SIGNAL STRENGTH

This function can be useful to find the correct position of the GSM 03 activator. The GSM signal strength can be viewed by simultaneously pressing the two buttons **CH1** and **CH2**. In this case, the three LEDs display the GSM signal strength.

RED LED CH 1	RED LED CH 2	GREEN LED	Signal Strength
Off	Off	Off	0
Flashing	Off	Off	1 - 5
On	Off	Off	6 - 10
On	Flashing	Off	11 - 15
On	On	Off	16 - 20
On	On	Flashing	21 - 25
On	On	On	26 - 32 (max)

ELECTRICAL CONNECTIONS - POWER SUPPLY

Warning: Electrical connections must be made by qualified engineers. The GSM 03 activator must have a 12Vdc or 12Vac power supply by means of a 12Vdc-12Vac terminal. The GSM 03 has two relays (**Relay 1** and **Relay 2**) with voltage free contacts: contacts capacity 8A - 250Vac/ 30Vdc.





CONTROLS MANAGEMENT THROUGH SMS

To be read by the activator, all SMS commands must be preceded by the symbol “ : ”. SMS messages not preceded by the symbol “ : ” are disregarded and are deleted from the activator without sending any reply to the sender number. If a SMS message preceded by the symbol “ : ” is sent with syntax errors, it will not be acknowledged and the GSM 03 activator will return the string: “SMS non valido” (Invalid SMS message).

MASTER AND USER NUMBERS

The activator can be controlled only by the phone numbers it identifies. These numbers can be of 2 types: “MASTER” and “USER”.

MASTER numbers can **set up** the following functions:

- **Enable/Disable/Pulse** loads by means of App, SMS or RING.
- **Relay 2** switching on temperature (thermostat function).
- **Enable/Disable** the GSM03 to send the relay STATUS change notification by means of a SMS message.
- **Enable/Disable** the GSM03 to send the relay STATUS change notification by means of a phone RING.
- **Enable/Disable** the GSM03 to send a power supply **off/on** notification by means of a SMS message.
- Set up the **Relay 1** pulse time by means of a RING.
- **Enter/Delete** USER numbers.

MASTER numbers can **receive**:

- Notifications (if enabled) of relay STATUS change by means of a SMS message.
- Notifications (if enabled) of relay STATUS change by means of a RING.
- Notifications (if enabled) of **power supply off/on**.
- Notifications of **Remote contacts** STATUS change.

The **user** number can **set up** the following functions:

- **Enable/Disable/Pulse** loads by means of SMS message or RING.
- Set up the **Relay 2** on temperature.

User numbers can **receive**:

- Notifications (if enabled) of **Relay** STATUS change by means of an SMS command.
- Notifications (if enabled) of **Relay** STATUS change by means of a RING.

To enter **MASTER** numbers, a password is required.

PASSWORD

A **Password** is required to enter **MASTER** numbers inside the activator.

WARNING: the **Password** set by default is **0000**.

To change the activator **Password** use the SMS string:

:password#1234=5678

where **1234** is the old **Password** (default **0000**) whilst **5678** is the new **Password**. The **Password** can only be made up of 4 numbers.

For example, to change the default **password** with the new **5432**, the following command must be sent:

:password#0000=5432

If the command is accepted, the activator will return the string: **Password modificata (Password changed)**

The **Password** change command can be sent from any **GSM** number.

WARNING: If the old **password** is incorrect, the activator will return the following string: **Password errata (Incorrect password)**.

WARNING 2: If the new **password** contains more or less than 4 numbers, or contains non-number characters, the activator will return the following string: **(Nuova password non valida) (Invalid new password)**.

1 - ENTERING MASTER NUMBERS

MASTER numbers can be entered by anyone who knows the **password**. 1 to 3 MASTER numbers can be entered.

The command to enter them is shown below:

:master#0000=+3912345678,+3987654321,+391324846.

Where **0000** is the activator **password**, whilst the numbers to the right of the "=" are the MASTER numbers to be saved.

If the command is accepted, the activator will return the message **Numero/i**

Master salvato/i (Master Numbers/s saved)BEAR IN MIND the following

instructions:

- MASTER numbers must be entered without spaces and must include the international prefix, where the access code must be entered as "+" (Italian international prefix: **+39**).
- To enter multiple MASTER numbers, a comma "," without spaces must be entered between each number. The command must end with a full stop ".".
- If you wish to add a MASTER number in addition to other MASTER numbers already saved, the MASTER number entering command must be sent, including all the previously MASTER numbers, otherwise they will automatically be deleted as MASTER numbers (they will however continue to be active as user numbers).
- If the **password** is incorrect, the activator will return the following string: **Password errata (Incorrect password)**.
- If the MASTER numbers are invalid (they contain characters, they are too short etc ..) the activator will return the string **Numero Master non valido (Invalid Master Number)**.

If the command is accepted, the activator will return the string **numero/i master salvato/i (Master number/s saved)**.

2 - ENTERING USER NUMBERS

Users can only be entered by MASTER numbers. The command used to enter new users is:

:utente=+3912345678,+3987654321,....,+391324846.

The numbers to the right of = are the **master numbers** to be saved. If

the command is accepted, the activator will return the string **Utente/i salvato/i (User/s saved)**.

BEAR IN MIND the following instructions:

- User numbers must have no spaces and must include the country code, where the access code must be entered with “+” (country code for Italy: **+39**).

To enter multiple users, a comma“,” without spaces must be entered between each number. The command must end with a full stop “.”.

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- The maximum length of 160 characters for an ordinary SMS message must not be exceeded. If the user numbers to be entered are so many as to exceed the maximum SMS message length, 2 or more SMS messages must be sent separately with the add user command,
- If one of the numbers entered contains errors, it will not be saved with all the numbers added after the error was made. The activator will return the following string: **Impossibile salvare numero <n>** (number <n> could not be saved) and any subsequent numbers where <n> is the number with the error.
- A number without errors may not be saved (for example, if the memory in the SIM card is full); in this case, the activator will return the following string: **Errore Salvataggio Numero (Number Saving Error). Riprovare! (Try again!)**

3 - DELETING USERS

Users can be deleted only by MASTER numbers. The command used to delete users is:

:cancella=+3912345678,+3987654321,....,+391324846.

The numbers to the right of = are the user numbers to be deleted. If the command is accepted, the activator will return the string **utente/i cancellato/i (user/s deleted)**

BEAR IN MIND the following instructions:

- User numbers must have no spaces and must include the country code, where the access code must be entered with "+" (country code for Italy: **+39**).
- To delete multiple **USERS**, a comma "," without spaces must be entered between each number. The command must end with a full stop ".".
- The maximum length of 160 characters for an ordinary SMS message must not be exceeded. If the **USER** numbers to be entered are so many as to exceed the maximum SMS message length, 2 or more SMS messages must be sent separately with the delete user command.
- **MASTER** numbers cannot be deleted with the delete **USER** command; in this case, the activator GSM03 will return the following string: **"Impossibile cancellare numero master ed eventuali successivi"** . (This and any subsequent master numbers cannot be deleted)
- If one of the **USER** numbers entered contains errors, it will not be deleted, nor will any subsequent number. The activator will return the following string: **Impossibile cancellare numero <n> ed eventuali successivi** (This and any subsequent master number cannot be deleted) where <n> is the number with the error.

4 - QUERYING ACTIVATOR STATUS

The command string can be sent by a registered **MASTER** number or by a **USER** number, and is used to identify the activator status. The command string to be sent is:

:?

the activator will return the following STATUS string:

```
:CARICO 1=off
CARICO 2=off
REMOTO 1=off
REMOTO 2=off
REMOTO 3=off
TEMPERATURA=27,5
TEMPERATURE=27.5
```

TEMPERATURA ON=27,5
SEGNALE=31
ALIMENTAZIONE=si'

(:LOAD1=off
LOAD2=off
REMOTE 1=off
REMOTE 2=off
REMOTE 3=off
ON TEMPERATURE =27.5
SIGNAL=31
POWER SUPPLY=yes)

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where:

LOAD 1: relay 1 status ("on" = enabled; "off" = disabled; "pulse enabled" = pulse);

LOAD 2: relay 2 status ("on" = enabled; "off" = disabled; "pulse enabled" = pulse);

REMOTE 1: remote 1 contact status ("on" = closed; "off" = open).

REMOTE 2: remote contact 2 status ("on" = closed; "off" = open).

REMOTE 3: remote contact 3 status ("on" = closed; "off" = open).

TEMPERATURE: temperature detected in °C.

ON TEMPERATURE: load on temperature in °C. SIGNAL:

GSM signal strength (minimum 0, maximum 31).

POWER SUPPLY: indicates if there a 12V power supply (yes) or if the power is supplied by a battery (no).

ENABLING/DISABLING A LOAD

ENABLING A LOAD

The command can be sent by a registered MASTER number or a USER number, and is used to enable one of the 2 relays. To enable **Load 1**, send the command:

:on1

to enable **Load 2** send the command:

:on2

If the command is accepted and the SMS command notifications have been activated, the activator will return the STATUS string.

DISABLING A LOAD

The command can be sent by a registered MASTER number or USER number, and is used to disable one of the 2 relays.

To disable **Load 1**, send the command:

:off1

to disable **Load 2** send the command

:off2

If the command is accepted and the SMS command notifications are activated, the activator will return the STATUS string.

IMPULSO DI n SECONDI

The command can be sent from a registered MASTER or USER number, and is used to enable one of the 2 relays for a set number of seconds.

For relay 1, the command is:

:imp1=n

Where **n** is the number of load activation seconds and can range from 1 to 65535

whilst for relay 2, the command is:

:imp2=n

Where **n** is the number of load activation seconds and can range from 1 to 65535.

If the SMS command notifications are activated, the activator will return the STATUS string.

ENABLING SMS command NOTIFICATIONS

Sending notifications by means of SMS messages can be **enabled/disabled** when **enable/disable** or **pulse** load commands are received.

The notification is sent with a STATUS string, which must contain the changes made to the **relays** with the command sent.

To enable the notifications, the following string must be sent (from a master number):

:notificasms=on

The activator will return the string SMS message notifications enabled.

To disable the notifications, the following string must be sent (from a MASTER number):

:notificasms=off

The activator will return the string SMS message notifications disabled.

RING FUNCTION

Relay 1 can also be enabled/disabled by means of a phone RING.

By calling the GSM 03 activator number, **Relay 1** will be switched (if it is set to "OFF", it will be switched to "ON" and vice versa).

The GSM03 activator will automatically end the call when the RING is received. The RING only works for the registered **MASTER** and **USER** numbers.

In addition, by using the RING, **Relay 1** can be switched to "ON" for a set period of time (pulse function).

To set the time, a **MASTER** phone number must be sent with the command:

:impulso=n

Where "n" is the load activation time (in seconds) which ranges from 1 to 65535. After sending the command, the activator will return the following string:

modalità impulso attivata (pulse mode enabled)

To disable the pulse mode from RING, the following command must be sent:

:impulso=0

The activator will return the pulse mode disabled string.

With the RING function, if the RING command notifications have been enabled, the activator will return the STATUS string.

ENABLING the RING command NOTIFICATIONS

Sending a SMS message notification can be **enabled/disabled** when **enable/disable** or **pulse loads** rings are received. The notification is sent with a STATUS string, which must contain the changes made to the relays with the command sent.

To enable notifications, the following string must be sent (from a MASTER number)

:notificasquillo=on

The activator will return the string SMS message notifications enabled.

To disable notifications, the following string must be sent (from a MASTER number)

:notificasquillo=off

The activator will return the string ring notifications disabled.

ADJUSTING THE TEMPERATURE

The GSM03 activator is fitted with an internal **NTC** .

This allows the **Relay 2** to be used to adjust the room temperature.

To set the desired temperature, the MASTER or USER number command must be sent:

:temperatura=25,2

Where 25.2 is the temperature in “ °C ” to be reached.

The temperature can be set between 0.1°C to 99.°C. After sending a command, the GSM03 activator will return the STATUS string, whilst the load will be controlled (in heating mode) to maintain the desired temperature.

To disable the temperature function, the following command must be sent:

:temperatura=0

or manually switch the **Relay** .

The command **:temperature=0** automatically switches the **Relay 2** to OFF:

The activator will return the STATUS string.

WARNING: If the temperature function is enabled, any on/off/pulse command for Relay 2 will be ignored.

CONTROLLING THE ACTIVATOR THROUGH A STATUS STRING

The GSM03 activator can be controlled by the STATUS string (the **Loads** "LOAD 1, LOAD 2" and the thermostat temperature "ON TEMPERATURE") must be changed.

To this avail, the STATUS string received must be copied and the **Loads** parameters and the thermostat temperature must be changed.

To enable the pulse for a **Load**, the seconds must be directly entered in place of the **Load** STATUS.

For example, to set in the **pulse** function **Load 1** for 12 seconds and switch on **Load 2**, send the following command:

```
:CARICO 1=12  
CARICO 2=on  
REMOTO 1=off  
REMOTO 2=off  
REMOTO 3=off  
TEMPERATURA=20,0  
TEMPERATURA ON=00,0  
SEGNALE=41  
ALIMENTAZIONE=si'
```

Any changes made to the non editable parameters will not have any effect.

After the command is received, is notifications are enabled, the activator will return the STATUS string.

WARNING: If the "TEMPERATURA ON" (ON TEMPERATURE) is different from 00.0, any setting for Load 2 will be ignored.

REMOTE

The GSM 03 activator has 3 **Remote contacts**.

When one of these **Remote contacts** changes STATUS, a SMS message is sent to all the MASTER numbers with the new STATUS of the **Remote contact** that has been changed.

For example, if **Remote contact 1** is closed, the STATUS SMS message will be received:

```
:CARICO 1=on  
CARICO 2=off  
REMOTO 1=ON  
REMOTO 2=off  
REMOTO 3=off  
TEMPERATURA=20,0  
TEMPERATURA ON=00,0  
SEGNALE=41
```

NO MAINS VOLTAGE

The activator can send a SMS message notification to the MASTER numbers if the 12V power goes down or is restored. The function can be enabled or disabled.

To enable the function, the following command must be sent from a MASTER number:

:rete=on

The activator will return the following string: **Invio stato di rete attivato** (Mains status notification enabled);

to disable the function, the following command must be sent from a MASTER number:

:rete=off

The activator will return the following string: **Invio stato di rete disattivato** (Mains status notification disabled).

If there is no mains voltage and the function is enabled, the activator will send the following string to all MASTER numbers: **assenza rete (no mains power)**.

In this event, the GSM 03 activator will work with a battery and will reply to the STATUS and setting SMS messages, as well as to the STATUS change of the REMOTE contacts until the battery runs out.

However, LOADS cannot be enabled and disabled, as they are automatically set to OFF.

When the mains voltage is restored, the activator will be switched on and will send the following string all **MASTER numbers: Presenza rete (Mains power on)**.

The LOADS will return to the STATUS they were in before the mains power went down. The internal battery is a lithium polymer battery and is automatically recharged.

MANUAL FUNCTION

The front of the GSM 03 device is fitted with the CH1 and CH2 buttons.

These buttons allow the LOADS to be manually switched. By holding down for 2 seconds the **CH1** button, **Relay 1** will be switched.

By holding down for 2 seconds the **CH2** button, **Relay 2** will be switched.

By manually switching **Relay 2** the thermostat function for **Relay 2** will be automatically disabled (if enabled).

DEVICE HARDWARE RESET

Warning: The RESET must be carried out by qualified engineers.

To carry out the device hardware RESET:

- Unscrew the fixing screw located to the side of the GSM antenna.
- Remove the front panel of the GSM 03 device.
- With the aid of a screwdriver, press the RESET button.
- Fit the front panel and tighten the fixing screw.

The GREEN LED will now start to flash to indicate it is searching for a GSM signal. The GREEN LED will stay on steady only when is it connected to the GSM network.

The RESET function will not delete:
the USER numbers, the MASTER numbers, the settings and the password, but will reset the load
STATUS.

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EXTERNAL TEMPERATURA PROBE (EXT)

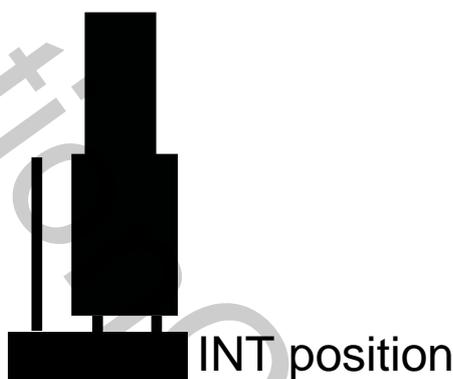
The GSM 03 activator allows a 4m long **external temperature probe** (code 2.030.1037) to be connected to the EXT PROBE terminals (M9).

After connecting the **external temperature probe**, set the JUMPER to the EXT position, as shown in the picture below:



The GSM 03 activator will use the **EXT PROBE** as a room temperature sensor.

Should you decide to remove the external temperature probe, the JUMPER set to **INT** must be repositioned, as shown in the picture below:



GSM COMMANDS SUMMARY

Command	Explanation
:on1	Load 1 is enabled
:on2	Load 2 is enabled
:off1	Load 1 is disabled
:off2	Load 2 is disabled
:im p1= n	Load 1 will be enabled for n seconds
:im p2= n	Load 2 will be enabled for n seconds
:?	Activator status request
:password#0000= 1111	Activator password changed to enter master numbers
:m aster#1111=+39---,+ 39---	Entering master numbers
:user= +39---,+ 39---	Entering new users
:cancella= + 39---,+ 39---	Deleting users
:notific asm s=on/off	Enabling/disabling sms command notification
:notific asquillo= on/off	Enabling/disabling ring command notification
:temperatura= 25,2	Setting up switching on temperature (ex. 25.2°C)
:rete= on/off	Enabling/disabling 12V power supply off/on notification SMS message
:impulso= n	Setting up Load 1 pulse when ringing for n seconds
STATO	The status string can be edited to edit loads and temperature



APPLICATION MODE

Operating system version:



Download the free application *GecApp* with your smartphone/Tablet by using the **QR code** or by downloading it from Google play. Enable

application *GecApp* by pressing on icon



ENTERING A NEW DEVICE

The first time the *App* is used, the user will be prompted to enter the new device through the relevant screen. Select **Nuovo dispositivo** (New device), in this case **Telecontrollo GSM 03** (GSM remote control) and enter the requested data as shown in (Fig.1):



Fig.1

-Enter (ex. Attivatore casa) (Home activator) and press the key “ **Next** ”.

-Enter in the GSM 03 device ad press the key “ **Next** ”.

- The labels associated with **Load 1** and **Load 2** (i.e. the name to be assigned to each **Load** which will be displayed in the *App*), such as:

= and press the key “ **Next** ”,
 = and press the key “ **Next** ”.

- The labels associated with the **REMOTE** contacts (i.e. the name to be assigned to each **REMOTE** contact that will be later displayed in the *App*):

= and press the key “ **Next** ”,
 = and press the key “ **Next** ”,
 = and press the key “ **Next** ”,

- Press to confirm the data entered.

If necessary, confirm the item “**Configurare numeri master**” (Set master numbers) by pressing the key SI (Fig.2).

The GSM03 activator can be controlled only by the phone numbers it identifies. From here 3 **MASTER** phone numbers can be entered, which will fully control the GSM03 device (for more information, see paragraph (**Managing Master Numbers**)).

Before entering the **MASTER** numbers, a personal **Password** must be entered (Fig.3), made up of 4 numbers. The **Password** is set by default to: **0000**.



Fig.2

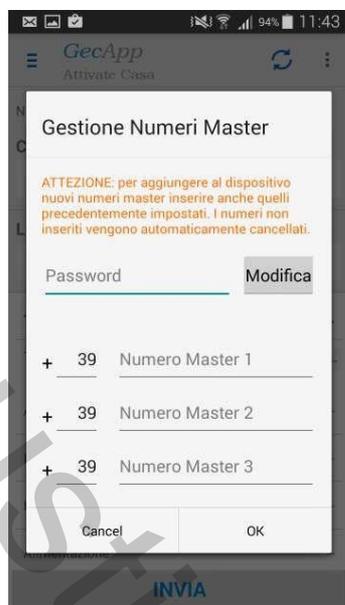


Fig.3

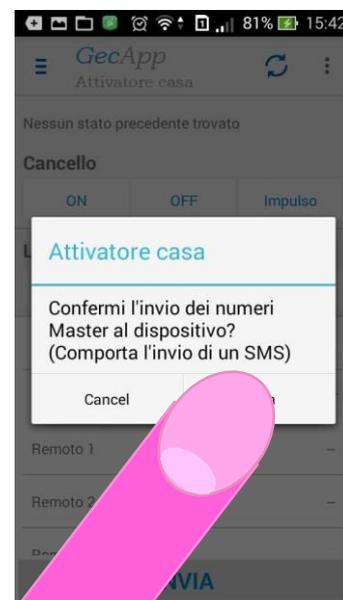


Fig.4

After entering the **MASTER** phone numbers, press the key Next then the key Eseguito (Done) . Confirm sending the SMS message Invia (Fig.4).

The **Home screen** (Fig.5) will appear and the following SMS will be received on your **Smartphone/Tablet** :

Numero/i Master salvato/i (Master number/s saved)



Fig.5



Fig.6



Fig.7

To enter other **New devices** press the key ☰ (Fig.5) and press the key + Aggiungi dispositivo (Fig.6).

In the screen **New device** (New Device) (Fig.7) enter the new parameters and press the key OK The **Home screen** will reappear.

CHANGING THE GSM 03 DEVICE

Press the key “☰” from the **Home screen** then the symbol “⚙️” of the device to be changed (Fig.8).

From this screen all the parameters of the devices entered can be edited, including **Nome dispositivo, numero di telefono, Relè 1, Relè 2, Contatto remoto 1, Contatto remoto 2, Contatto remoto 3** (Device name, phone number, Relay 1, Relay 2, Remote contact 1, Remote contact 2, Remote control 3).

Press the key **Next** after each change made and confirm with the key **OK**.

Press the key **Eseguito** (Done) then the key **OK** to confirm the changes made.

In addition, one of the devices can be removed by pressing the symbol “🗑️” (Fig.9) and the key **OK**.



Fig.8



Fig.9

ACQUIRING THE GSM03 STATUS

From the **Home screen**, press the key and confirm sending the SMS message with **OK** the key ; the following message will appear: “In attesa di risposta...” (Waiting for a reply...) (Fig.10).

A STATUS SMS message will be received, showing all the **parameters** (LOADS, REMOTE INPUTS, TEMPERATURE DETECTED, POWER SUPPLY) which appear in the **Home Screen**. (Fig.11). In the top left section of the **Home screen**, the message “Aggiornato il alle” (Updated on...at...) will appear, showing the date and time of the last STATUS SMS message received and all the **STATUS parameters** will be updated (Fig.12).



Fig.10

:CARICO 1=off
 CARICO 2=off
 REMOTO 1=off
 REMOTO 2=off
 REMOTO 3=off
 TEMPERATURA=21,7
 TEMPERATURA ON=00,0
 SEGNALE=15
 ALIMENTAZIONE=si'

Fig.11 Fig.12



SIGNAL STRENGTH

In the **Home screen** the symbol  shows the **GSMM signal quality** of the GSM remote control. The quality of the GSM signal will vary from LOW to VERY HIGH, as shown in the following pictures:

•  =LOW signal quality

 =FAIR signal quality

 =GOOD signal quality

 =VERY GOOD signal quality

Warning: Whilst searching the network on the front of the GSM 03, buttons CH1 and CH2 will be disabled and the GREEN LED will flash.

ON/OFF/PULSE - RELAY 1 and RELAY 2

From the **Home screen**(Fig.13) the user can **ENABLE/ DISABLE** the two **LOADS** (ex. **Cancello (Gate)** and **Luci Giardino (Garden lights)**) or select the function **IMPULSO (PULSE)** (In which case, the pulse duration must be set):

Example:

-To **ENABLE** the **LOAD** on **Relay 1** (Ex. **Cancello (Gate)**)
press

 **ON**

(Fig.13).

-To **ENABLE** the function **IMPULSO (PULSE)** on **Relays 2** (Ex. **Luci Giardino (Garden Lights)**) press (In the function **IMPULSO (PULSE)** set the pulse duration).

 **Impulso**

(Fig.14).

The function **IMPULSO (PULSE)** can be set for a maximum duration of **16 ore (16 hours), 59 minuti (59 minuti)** and **59 secondi (59 seconds)**; it can therefore be also used as a timed manual function.

For example, if you want to **ENABLE** a **LOAD** for **2 HOURS** all you need to do is to set, in the function

Impulso, the timer to **2 ORE (2 HOURS)**and press the key

 **OK**

 **Eseguito**(Done)

(Fig.15) and .

Then press the key  **INVIA**(SUBMIT) to confirm sending the new settings.



Fig.13

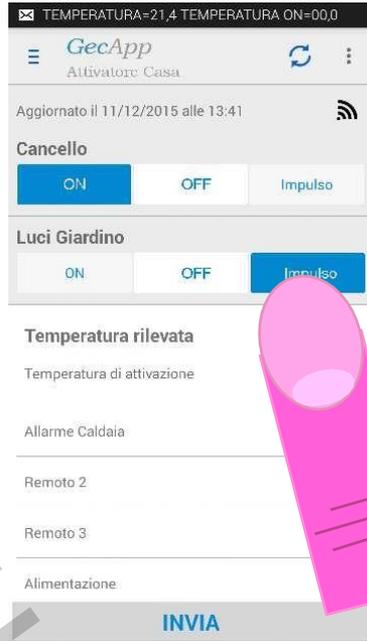


Fig.14

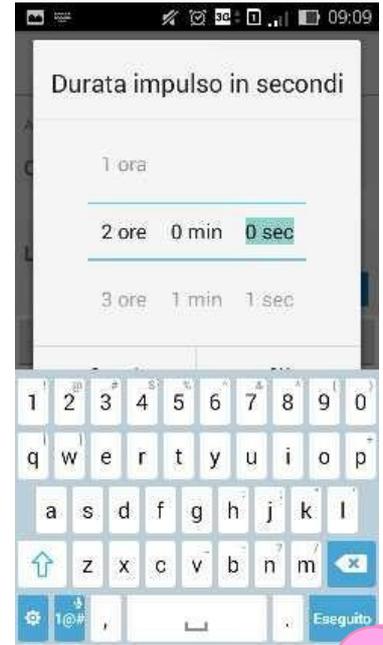


Fig.15

If the notifications (See paragraph NOTIFICATION SETTINGS) are enabled, your **Smartphone/ Tablet** will receive a STATUS SMS message with the new **parameters**.

In the top left section of the **Home screen**, the message “**Aggiornato il alle**” (updated on...at..) will appear, showing the date and time of the last STATUS SMS message received and all the **STATUS parameters** will be updated.

WARNING:

The **PULSE** function must not be mistaken for the **RING** function for **Relay 1**.

To set the duration of the pulse to be used with the **RING** function for **Relay 1** see the paragraph below: **RING FUNCTION - RELAY 1 ONLY**.

RING FUNCTION - RELAY 1 ONLY

The **RING** function can be used only with **Relay 1**.

By **RINGING** once the phone number of the SIM card inserted in the GSM 03 **Relay 1** can be **ENABLED** or **DISABLED**.

After A COUPLE of **RINGS** the GSM 03 will automatically end the call.

PULSE WITH RING

To set the **PULSE DURATION** with a phone **RING**, press the drop down menu “ ” in the top left section, select the item “**Tempistiche di impulso**” (Pulse duration) (Fig.16) and set the desired **PULSE DURATION** (Fig.17) and press the key **OK**.

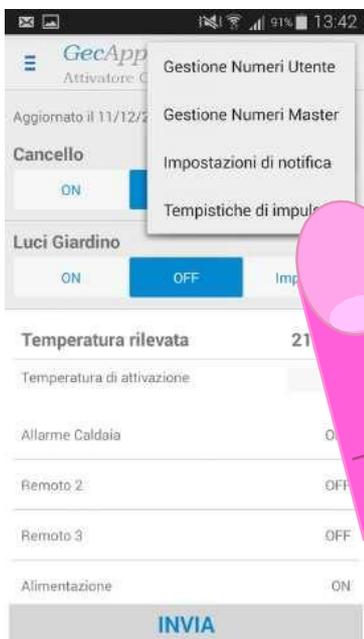


Fig.16



Fig.17



Fig.18

Then confirm “*the duration of the pulse sent to the device*” by pressing Invio (Enter)(Fig.18). Your **Smartphone/Tablet** will receive a STATUS SMS message with new **parameters**.

In the top left section of the **Home screen** the message “ **Aggiornato il alle**” (Updated on...at...) will appear, showing the date and time of the last STATUS SMS message received and all the **STATUS parameters** will be updated.

Now, for every phone **RING** made, the GSM03 will enable **Relay 1** for the previously set time. To disable the **IMPULSO CON SQUILLO** (PULSE WITH RING) function, set in the field “**Tempistiche di impulso**” (Pulse duration) three values (Ore, Minuti, Secondi (Hours, Minutes, Seconds) to “**0**”) and press the SMS key .

Confirm sending the SMS message.

Your **Smartphone/Tablet** will receive a STATUS SMS message with the **parameters** whilst in the top left section of the **Home screen** the message “ **Aggiornato il alle**” (Updated on...at...) will appear. .

THERMOSTAT FUNCTION - RELAY 2 ONLY

The **Thermostat Function** can be used with **Relay 2** only.

With the **Thermostat function** the user can set a temperature below which **Relay 2** is enabled.

-Press the item “**Temperatura di attivazione**” (Activation temperature) from the **Home screen**(Fig.19) and, with the keys

and (Fig.20) set an activation temperature.

Relay 2 will be enabled when the temperature detected by the GSM03 is lower than the set temperature and will be disabled when it exceeds the set temperature, with a fixed tolerance of +/- 0.2°C.

When the **Thermostat function** is enabled, the keys of **Relay 2** on the **App** will be disabled.

The status of **Relay 2** can only be manually edited by pressing the key **CH2** located on the front of the GSM 03.

To disable the **Thermostat function** reset °C in the windows “**Temperatura di attivazione**” (Activation temperature)

until the message **OFF** (Fig.21) appears, press and (SUBMIT) .

Confirm sending the new settings (It requires a SMS message to be sent).

Your **Smartphone/Tablet** will receive a SMS message with the new **parameters** including the item: **TEMPERATURA ON: (ON TEMPERATURE) 00.0**

In the top left section of the **Home screen**, the message “ **Aggiornato il alle**” (updated on ... at...) will appear, showing the date and time of the last STATUS SMS message received.



Fig.19



Fig.20

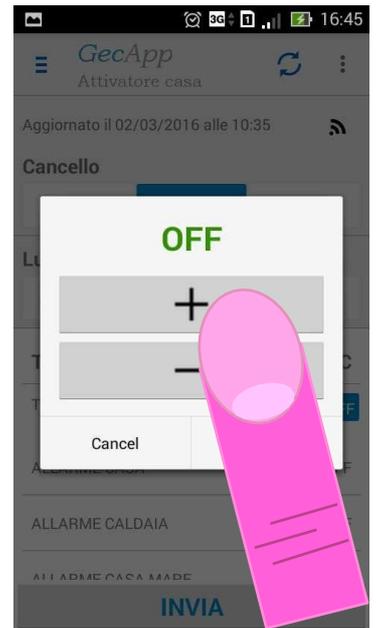


Fig.21

REMOTE CONTACTS

The GSM 03 has 3 REMOTE contacts.

The REMOTE contacts are clean contact, normally open inputs.

When their STATUS changes (Close/Open), the following SMS message will be sent to all **MASTER** numbers (Fig.22):



```
:CARICO 1=off  
CARICO 2=off  
REMOTO 1=off  
REMOTO 2=off  
REMOTO 3=off  
TEMPERATURA=21,7  
TEMPERATURA ON=00,0  
SEGNALE=15  
ALIMENTAZIONE=si'
```

Fig.22

On the **Home screen** the relevant REMOTE contact will be changed from ON to OFF or vice versa.

Example:

if the **REMOTE contact 1** changes from STATUS **OFF** to STATUS **ON**, your Smartphone/Tablet will receive a STATUS SMS message, which will show **REMOTO 1 = ON**, and on the **Home screen** under the line of **contatto Remoto 1** (Remote contact 1) (or at the name assigned at the time of entering the device) the STATUS **ON** will appear. (To change the **Remote contact** name, see paragraph "Inserting a new device").

Practical example:

To set your home boiler to send an alert SMS message in the event of a fault/shutdown, the boiler control box must be connected to **Remote contact 1**, (which will have been named *Allarme caldaia* (Boiler alarm), see paragraph Entering a new device), so that, when the boiler control box closes **Remote control 1** your **Smartphone/Tablet** will receive a STATUS SMS message update: REMOTO 1 = ON (REMOTE 1 = ON)

In the **App** in the **Home screen** the item "Allarme caldaia" ON (Boiler alarm" ON) will appear.

MAINS VOLTAGE OFF /ON

If the mains voltage is **off** or **on**, the GSM 03 will send the following SMS message to all MASTER phone numbers:

"**Assenza tensione di rete**" (Mains voltage off)/ "**Presenza tensione di rete**"
(Mains voltage on)

In the **App** the "**Alimentazione**" (power supply) line STATES will not be automatically updated, but it will be updated when the device first communicates with the device using the **App**.

To disable the "**Assenza e presenza rete**" (Mains power off and on) messages, refer to paragraph

“NOTIFICATION SETTINGS”.

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NOTIFICATION SETTINGS:

WARNING: Only MASTER numbers can edit the "Notification settings". By pressing the key “” from the **Home screen** (Fig.23) and then the item “**Impostazioni di notifica**” (Notification settings) (Fig.24), the operation of sending the following notification messages can be enabled “**ON**” or disabled “**OFF**” :

- **Notifica di cambio di stato da SMS** (Status change SMS message notification): if this notification is disabled, the SMS message will no longer be received when the STATUS of **Relay 1** and **Relay 2** is changed by using the **App**, SMS message or the **Funzione Termostato** (Thermostat function),
- **Notifica di cambio di stato da SQUILLO** (Status change notification from a RING): if this **Notification** is **disabled** the SMS message will no longer be received when the STATUS of **Relay 1** is changed with the RING function.
- **Notifica di assenza alimentazione** (Notification of no power supply): if this **Notification** is disabled, the SMS will not be received for **Mains voltage off** or **Mains voltage on**.

When first switched on, all the **Notifications** are active **ON** by default. After **enabling/disabling Notifiche** (Fig.25) press the key of  and confirm the operation

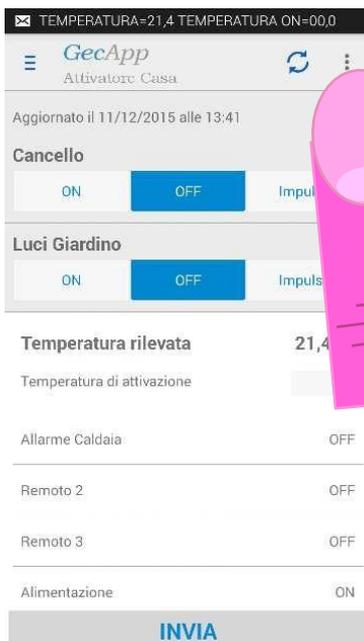


Fig.23



Fig.24



Fig.25

MANAGING MASTER NUMBERS

The **MASTER** numbers can be managed by anybody who knows the **Password**. A maximum of 3 **MASTER** phone numbers can be entered.

WARNING: To add new MASTER numbers to the device, the previously set MASTER numbers must also be entered. Numbers that are not entered will be automatically deleted.

MASTER phone numbers can:

- **Enable/Disable/Pulse** loads by means of SMS message or RING.
- **Relay 2** switching on temperature (thermostat function).
- **Enable/Disable** receipt of **Notifica di cambio di STATO Relè** (Relay STATUS change notification) carried out by using the SMS command.
- **Enable/Disable** receiving the **Notifica di cambio di STATO Relè** (Relay STATUS change notification) sent with a RING.
- **Enable/Disable** receiving the **Notifica assenza/presenza alimentazione** (Power off/on notification).
- Set up the **Relay 1** pulse time by means of a RING.
- **Enter/delete** a USER.

MASTER phone numbers can receive:

- **Notifications of relays STATUS change** (if enabled) sent with an SMS command.
- **Notifications of relays STATUS change** (if enabled) sent with a ring.
- **Notifications of power supply off/on** (if enabled).
- **Notifications of Remote contact STATUS change.**

From the **Home screen**, press key “**☰**” (Fig.23), select item “**Gestione numeri Master**” (Managing Master numbers) (Fig.24). From here **MASTER** phone numbers can be entered/deleted/edited. Before entering **MASTER** numbers, a personal **Password** made up of 4 numbers must be entered. **The Password is set by default to: 0000.**

To change it, press the key **Modifica** (Edit).

Replace the old **Password** with the new **Password**, press the enter key **OK** and confirm (invio) to send the new **Password** to the device.

Your **Smartphone/Tablet** will receive the following SMS message: **Password modificata (Password changed).**

Now enter the desired **MASTER** phone numbers (Fig.26).

After entering from 1 to 3 **MASTER**, phone numbers, press the key **Eseguito** (Done) and the key **OK**. Confirm sending the **MASTER** phone numbers to the device.

Your **Smartphone/Tablet** will receive the following SMS message: **Numero/i Master salvato/i (Master number/s saved)**

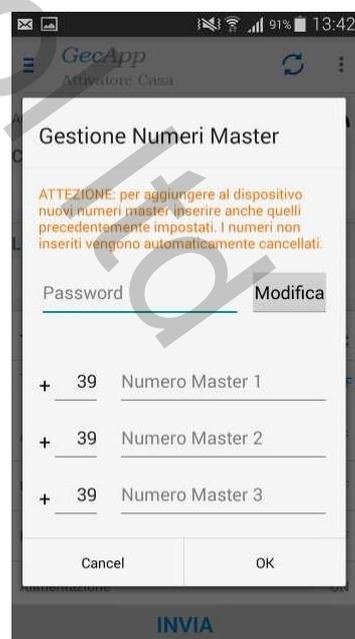


Fig.26

MANAGING USER NUMBERS

WARNING: USER numbers can only be changed by MASTER numbers.

USER numbers can:

- **Enable/Disable/Pulse** loads by means of SMS message or RING.
- Set up the **Relay 2** on temperature.

USER numbers can receive:

- Notifications of **Relay** status change by means of a SMS command (if enabled).
- Notifications of **Relay** STATUS change (if enabled) by means of a RING.

To view the list of **USER** phone numbers, the phone SIM card in the GSM 03 must be inserted in a **Mobile phone/Smartphone/Tablet**.

All phone numbers listed in Contacts are **USER** numbers, including the 3 **MASTER** numbers.

From the **Home screen**, press the key “⋮” (Fig.23), and select item “**Gestione numeri Master**” (Managing Master numbers) (Fig.24). From this screen (Fig.27) **USER** phone numbers can be entered/deleted/edited.

Groups of 6 **USER** numbers can be entered/deleted/edited by sending a single SMS message. After entering/editing the **USER** number, press the key **Aggiungi** (Add) and confirm **sending the USER numbers to the device**.

Your **Smartphone/Tablet** will receive the following SMS message:
Numero/i Utente salvato/i (User number/s saved)

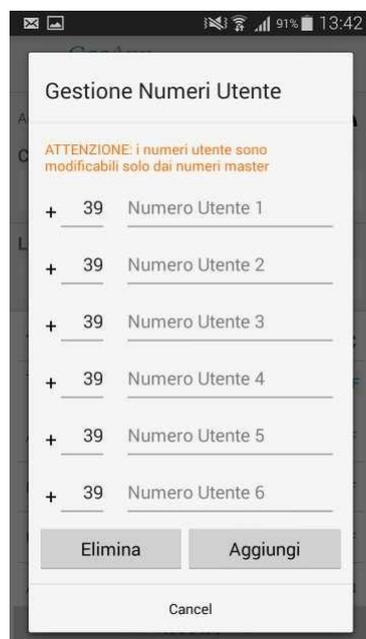


Fig.27



APPLICATION MODE Operating system version:



Download free application *GecApp* with your smartphone/Tablet by using the **QR code** displayed or by downloading it from App Store.



Enable application *GecApp* by pressing on icon .

ENTERING THE DEVICE

The first time the *App* is used, the user will be prompted to enter the new device. Select **Nuovo dispositivo** (New device), in this case Telecontrollo GSM 03 (GSM remote control) and enter the requested data as shown in (Fig.1):



Fig.1

-Enter (ex. Attivatore casa) (Home activator).

-Enter

The labels associated with **Load 1** and **Load 2** (i.e. the name to be assigned to each **Load** that will be displayed in the *App*), such as:

Etichetta Carico 1	=	CANCELLO	,
Etichetta Carico 2	=	LUCI GIARDINO	.

- The labels associated with the **REMOTE** contacts (i.e. the name to be assigned to each **REMOTE** contact that will be later be displayed in the *App*):

Etichetta Remoto 1	=	ALLARME CASA	,
Etichetta Remoto 2	=	APERTURA GARAGE	,
Etichetta Remoto 3	=	CHIUSURA VALVOLA	,

- Press to confirm entering the data and enter the **Numeri telefonici MASTER**. (MASTER phone numbers)

Confirm the item “**Configurare numeri master**” (Confirm master numbers) by pressing the key **Si** (Fig.2).

The activator can be controlled only by the phone numbers it identifies. From here 3 **MASTER** phone numbers can be entered, which will fully control the GSM 03 device (for more information, see paragraph (**Managing Master Numbers**)). Before entering **MASTER** numbers, a personal **Password** made up of 4 numbers must be entered (Fig.3). The **Password** is set by default to: **0000**. To change the **Password** press the item “**Modifica password**” (Change password).



Fig.2



Fig.3

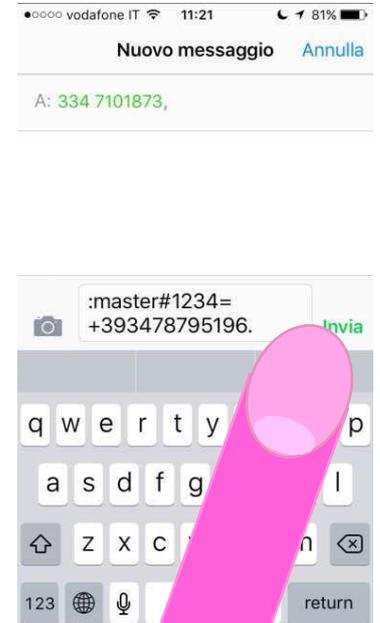


Fig.4

After entering the **MASTER** phone numbers, press the key **Invia** and confirm sending the **SMS message** (Fig.4).

The **Home screen** (Fig.5) will appear and the following SMS will be received on your **Smartphone/Tablet** :

Numero/i Master salvato/i (Master number/s saved)



Fig.5



Fig.6



Fig.7

To enter new devices, select **Nuovi dispositivi** press the key “**≡**” (Fig.5) and the symbol **+** (Fig.6).

In the screen **Aggiungi dispositivo** (Add device) (Fig.7) enter the new parameters and press the key



The **Home screen** will reappear.

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CHANGING THE GSM 03 DEVICE

Press the key “  ” (Fig.5) from the **Home Screen** then the symbol “  ” (Fig.8). From the **Home screen** all the parameters of the devices entered can be edited, including: **Nome dispositivo, numero di telefono, Relè 1, Relè 2, Contatto remoto 1, Contatto remoto 2, Contatto remoto 3** (Device name, phone number, Relay 1, Relay 2, Remote contact 1, Remote contact 2, Remote control 3).

After editing the desired **parameters** press the key  .

One of the devices can also be removed by pressing on the symbol “  ” (Fig.9) and confirming the operation.



Fig.8

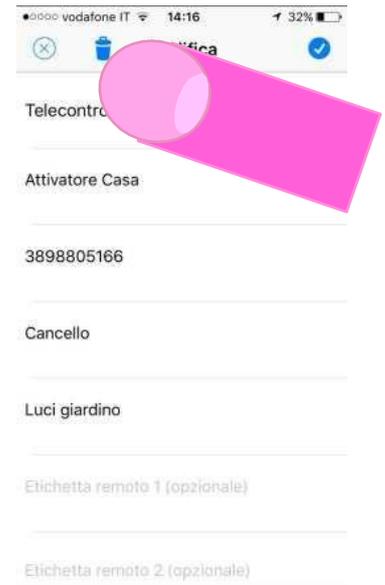


Fig.9

ACQUIRING THE GSM03 STATUS

From the **Home screen** press the key  and confirm sending the SMS message with the key Invia. During this operation, the following message will appear: “**In attesa di risposta....**” (Waiting for a reply...) (Fig.10).

A STATUS SMS message will then be received with the status of all the **parameters** (LOADS, REMOTE INPUTS, TEMPERATURE DETECTED, POWER SUPPLY) displayed on the **Home Screen**. (Fig.11).

Copy the STATUS SMS message just received (Fig.11).

Go back to the **Home screen** and press the key  to update the **nuovi parametri** (new parameters).

In the top left section, the message “**Aggiornato il alle**” (updated on...at..) will appear, showing the date and time of the last STATUS SMS message received and all the **STATUS parameters** will be saved.



Fig.10

:CARICO 1=off
 CARICO 2=off
 REMOTO 1=off
 REMOTO 2=off
 REMOTO 3=off
 TEMPERATURA=21,7
 TEMPERATURA ON=00,0
 SEGNALE=15
 ALIMENTAZIONE=si' (ON)

Copia (Copy)

Fig.11



Fig.12

SIGNAL STRENGTH

In the **Home screen** the symbol  shows the **GSMM signal quality** of the GSM remote control. The quality of the GSM signal will vary from LOW to VERY HIGH, as shown in the following pictures:

 =LOW signal quality

 =FAIR signal quality

 =GOOD signal quality

 =VERY GOOD signal quality

Warning: Whilst searching the network on the front of the GSM 03, buttons CH1 and CH2 will be disabled and the GREEN LED will flash.

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ON/OFF/PULSE - RELAY 1 and RELAY 2

From the **Home screen**(Fig.13) the user can **ENABLE/ DISABLE** the two **LOADS** (ex. **Cancello (Gate)** and **Luci Giardino (Garden lights)**) or select the function **IMPULSO (PULSE)** (In which case, the pulse duration must be set):

Example:

-To **ENABLE** the **LOAD** on **Relay 1** (Ex. **Cancello (Gate)**) press **ON** (Fig.13).

-To **ENABLE** the function **IMPULSO (PULSE)** on **Relays 2** (Ex. **Luci Giardino (Garden lights)**) press **Impulso (Pulse)** (Fig.14). (In the function **IMPULSO (PULSE)** set the pulse duration).

The function **IMPULSO (PULSE)** can be set for a maximum duration of **16 ore (16 hours), 59 minuti (59 minuti)** and **59 secondi (59 seconds)**; it can therefore be also used as a timed manual function.

For example, if you want to **ENABLE** a **LOAD** for **2 HOURS** simply set the function **Impulso (Pulse)**, the timer to **2 ORE (2 HOURS)** and press the key  (Fig.15).

Then press the key **INVIA** (SUBMIT) and confirm sending the **new parameters**.

If the notifications (See paragraph NOTIFICATION SETTINGS) are enabled, your **Smartphone/ Tablet** will receive a **STATUS SMS** message with the new **parameters**.

Copy the **STATUS SMS** message and press the key  to update the **Home screen** with the **new parameters**.

In the top left section, the message “ **Aggiornato il alle (Updated on...at...)**” which shows the date and time of the last **STATUS SMS** message received.



Fig.13



Fig.14



Fig.15

WARNING:

The **PULSE** function must not be mistaken for the **RING** function for **Relay 1**. To set the duration of the pulse to be used with the **RING** function for **Relay 1** see the paragraph below: **RING FUNCTION - RELAY 1 ONLY.**

RING FUNCTION - RELAY 1 ONLY

The **RING** function can be used only with **Relay 1**.

By **RINGING** once the phone number of the SIM card inserted in the GSM 03 **Relay 1** can be **ENABLED** or **DISABLED**.

After A **COUPLE** of **RINGS** the GSM 03 will automatically end the call.

PULSE WITH RING

To set the **DURATION** of the ' **PULSE** with phone **RING** press on the drop down menu “ ⋮ ” in the top right section, select the time “**Tempistiche di impulso (Pulse duration)**” (Fig.16) and set the desired **PULSE** duration (Fig.17) and press the key ➤ (Fig.18) .



Fig.16



Fig.17



Fig.18

Confirm “*sending the pulse duration to the device*” by pressing **INVIA (SUBMIT)** .

The **Smartphone/Tablet** will receive a SMS message with the message:
Modalità impulso attivata (Pulse mode enabled).

Now, every phone **RING** made to the GSM03 will enable **Relay 1** for the previously set time.

To disable the function **IMPULSO CON SQUILLO (PULSE WITH RING)**, in the field **Tempistiche di impulso (Pulse duration)** set the three values (Ore, Minuti,Secondi (Hours, Minutes, Seconds) to “0” , press the key ➤ and **INVIA (SUBMIT)**.

Your **Smartphone/Tablet** will receive the following SMS:
Modalità impulso disattivata (Pulse mode disabled)

THERMOSTAT FUNCTION - RELAY 2 ONLY

The **Thermostat Function** can only be used with **Relay 2**.

With the **Thermostat function** the user can set a temperature below which **Relay 2** is enabled.

- Press item “**Temperatura di attivazione**” (**Activation temperature**) from the **Home screen**(Fig.19).

- Set an activation temperature (Fig.20), press the key  and the key **INVIA**.

Your **Smartphone/Tablet** will receive a STATUS SMS message with the **new parameters**. Copy the STATUS SMS message just received.

To update the **Home screen** press the key .

In the top left section, the message “**Aggiornato il alle (Updated on...at...)**” which shows the date and time of the last STATUS SMS message received.

Relay 2 will be enabled when the temperature detected by the GSM 03 is lower than the set temperature and will be disabled when it exceeds the set temperature, with a fixed tolerance of +/- 0.2°C.

When the **Thermostat function** is enabled, the keys of **Relay 2** on the **App** will be disabled. The status of **Relay 2** can only be manually edited by pressing the button **CH2** located on the front of the GSM 03. (In this case, the thermostat function will be disabled).

To disable the **Thermostat function** reset the °C in the “**Temperatura di attivazione (Activation temperature)**” windows until the writing **OFF** appears (Fig.21) press  and **INVIA** (SUBMIT). Confirm sending the new settings (It requires a SMS message to be sent).

Your **Smartphone/Tablet** will receive a SMS message with the new **parameters** including the item:

TEMPERATURA ON: (ON TEMPERATURE) 00.0

Copy the STATUS SMS message and press the key  to update the **Home screen** with the **new parameters**.

In the top left section of the screen, the message “**Aggiornato il alle**” (Updated on ... at ,,) which shows the date and time of the last STATUS SMS message received.



Fig.19



Fig.20

Fig.21

REMOTE CONTACTS

The GSM 03 has 3 REMOTE contacts.

The REMOTE contacts are clean contact, normally open inputs.

When their STATUS changes (Close/Open), the following SMS will be sent to all the **Master numbers**

```
:CARICO 1=off
CARICO 2=off
REMOTO 1=off
REMOTO 2=off
REMOTO 3=off
TEMPERATURA=21,7
TEMPERATURA ON=00,0
SEGNALE=15
ALIMENTAZIONE=si'
```

Fig.22

On the **Home screen** the relevant REMOTE contact will be changed from ON to OFF or vice versa.

Example:

if the **REMOTE contact 1** changes from STATUS **OFF** to STATUS **ON**, your Smartphone/Tablet will receive a STATUS SMS message, which will show **REMOTO 1 = ON**, and on the **Home screen** under the line of **contatto Remoto 1** (Remote contact 1) (or at the name assigned at

the time of entering the device) will show the **ON**. (To edit the name of the **Contact remote** STATUS (see paragraph "Entering a new device").

Practical example:

To set your home boiler to send an alert SMS message in the event of a fault/shutdown, the boiler control box must be connected to **Remote contact 1**, (which will have been named *Allarme caldaia* (Boiler alarm), see paragraph Entering a new device), so that, when the boiler control box closes **Remote control 1** your **Smartphone/Tablet** will receive a STATUS SMS message update: REMOTO 1 = ON (REMOTE 1 = ON)

In the **App** in the **Home screen** the item "Allarme caldaia" ON (Boiler alarm" ON) will appear.

MAINS VOLTAGE OFF /ON

If the mains voltage is **off** or **on**, the GSM 03 will send the following SMS message to all MASTER phone numbers:

"**Assenza tensione di rete**" (Mains voltage off)/ "**Presenza tensione di rete**"
(Mains voltage on)

In the **App** the "**Alimentazione**" (power supply) line STATES will not be automatically updated, but it will be updated when the device first communicates with the device using the **App**.

To disable the "**Assenza e presenza rete**" (Mains power off and on) messages, refer to paragraph "NOTIFICATION SETTINGS".

NOTIFICATION SETTINGS

WARNING: Only the MASTER numbers can edit the "Notification settings". By pressing the key “” from the **Home screen** (Fig.23) and then the item “**Impostazioni di notifica**” (Notification settings) (Fig.24) the user can **enable**  or **disable**  the operation of sending the following notification settings (Fig.25):

- **Notifica di cambio di stato da SMS (Status change SMS message notification):** if this notification is disabled, SMS messages will no longer be received when the STATUS of **Relay 1** and **Relay 2** is changed through the **App** or the **Funzione Termostato (Thermostat function)**.

- **Notifica di cambio di stato da SQUILLO (Notification of status change from RING):** if this **Notification** is **Disabled** SMS messages will no longer be received when the **Relay 1** STATUS is changed with the RING function.

- **Notifica di assenza alimentazione (No power supply notification):** if this **Notification** is disabled, SMS messages will not be received for **Mains voltage off** or **Mains voltage on**.

When the device is first switched on, all the **Notifications** are **Enabled** by default.

After **enabling/disabling Notifications** (Fig.25) press the keys  and confirm sending the new settings.

Your **Smartphone/Tablet** will receive a SMS message with the new settings.

WARNING: Only MASTER numbers can edit the "Notification settings".

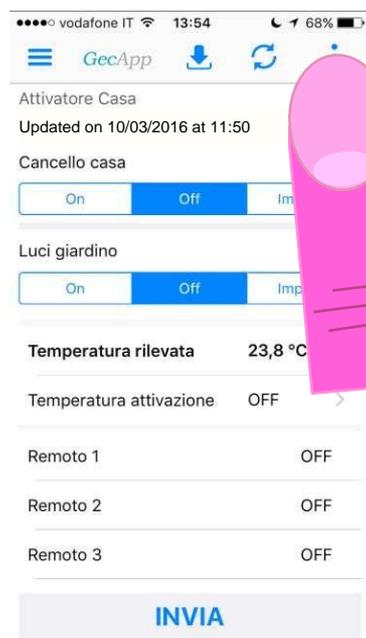


Fig.23



Fig.24



Fig.25

MANAGING MASTER NUMBERS

The **MASTER** numbers can be managed by anybody who knows the **Password**. A maximum of 3 **MASTER** phone numbers can be entered.

WARNING: To add new **MASTER** numbers to the device, the previously set **MASTER** numbers must also be entered. If phone numbers are not entered, they will be automatically deleted.

MASTER phone numbers can:

- **Enable/Disable/Pulse** loads by means of SMS message or RING.
- **Relay 2** switching on temperature setting (thermostat function).
- **Enable/Disable** receiving the **Relay STATUS change notification** sent with a SMS message.
- **Enable/Disable** receiving the **Notifica di cambio di STATO Relè** (Relay STATUS change notification) sent with a RING.
- **Enable/Disable** receiving the **Notifica assenza/presenza alimentazione** (Power off/on notification).
- Setting up the **Relay 1** pulse time by means of a RING.
- **Enter/delete** a USER.

MASTER phone numbers can receive:

- **Notifications of relays STATUS change** (if enabled) sent with an SMS command.
- **Notifications of relays STATUS change** (if enabled) sent with a ring.
- **Notifications of power supply off/on** (if enabled).
- **Notifications of Remote contact STATUS change.**

From the **Home screen**, press key “**⋮**” (Fig.23), select item “**Gestione numeri Master**” (Managing Master numbers) (Fig.24). From here **MASTER** phone numbers can be entered/deleted/edited. Before entering **MASTER** numbers (Fig. 26), a personal **Password** made up of 4 numbers will be entered.. **The Password is set by default to: 0000.**

To change it, press “**Modifica password**” (Change password).

Replace the old **Password** with the new **Password**, press the enter key and confirm (invio) to send the new **Password** to the device.

Your **Smartphone/Tablet** will receive the following SMS message: **Password modificata (Password changed).**

0000 Vodafone IT 11:19 82%

Imposta Numeri Master

ATTENZIONE
per aggiungere al dispositivo nuovi numeri "master" inserire anche quelli precedentemente impostati. I numeri non inseriti vengono automaticamente cancellati.

Password corrente

Modifica password

Numero Master 1 :
+ 39 Inserire il numero

Numero Master 2 :
+ 39 Inserire il numero

Numero Master 3 :
+ 39 Inserire il numero

Now enter the desired **MASTER** phone numbers.

After entering from 1 to 3 **MASTER**, phone numbers, press the keys

➤ and the key

Confirm sending the **MASTER** phone numbers to the device. Your **Smartphone/Tablet** will receive the following SMS message: **Numero/i Master salvato/i (Master number/s saved)**

Fig.26

MANAGING USER NUMBERS

WARNING: USER numbers can only be changed by MASTER numbers.

USER numbers can:

- **Enable/Disable/Pulse** loads by means of SMS message or RING.
- Set up the **Relay 2** on temperature.

USER numbers can receive:

- Notifications of **Relay** status change by means of a SMS command (if enabled).
- Notifications of **Relay** STATUS change (if enabled) by means of a RING.

To view the list of **USER** phone numbers, the phone SIM card in the GSM 03 must be inserted in a **Mobile phone/Smartphone/Tablet**.

All phone numbers listed in Contacts are **USER** numbers, including the 3 **MASTER** numbers.

From the **Home screen**, press the key “⋮” (Fig.23), and select item “**Gestione numeri Master**” (Managing Master numbers) (Fig.24). From this screen (Fig.27) **USER** phone numbers can be entered/deleted/edited.

Groups of 6 **USER** numbers can be entered/deleted/edited by sending a single SMS message.

After entering **USER** numbers, press the  key, confirm entering or deleting numbers then proceed to **send user numbers to the device**.

Your **Smartphone/Tablet** will receive the following SMS message:

Numero/i Utente salvato/i (User number/s saved)

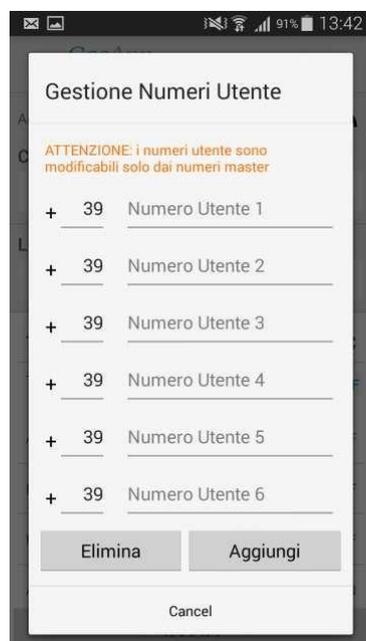


Fig.27

Problems/Solutions

Problems	Solution
GREEN LED flashing every 3 seconds	<ul style="list-style-type: none"> • SIM card with PIN to be removed. • SIM card incorrectly inserted. • Make sure that the SIM card has not been disabled from the phone company. • Communication error with GSM module.
GREEN LED flashing every 0.5 seconds	<ul style="list-style-type: none"> • The GREEN LED flashing for more than one minute indicates that there is no GSM network in that position. Find an area with a better GSM signal.

TECHNICAL SPECIFICATIONS:

Power Supply:	12Vac/cc - I max 500mA
Relay Outputs:	2
Output Power:	Class 4 (2W@850/900MHz) Class 1 (1W@1800/1900MHz)
Sensitivity:	107 dB@850/900/1800/1900MHz
Battery:	Rechargeable Li-ION POLY 3.7V-500mA
User management:	Yes (with optional password)
External antenna:	SI (YES)
Monostable relay:	8A - 250Vac
Type of control:	APP, SMS, RING or MANUAL
Clean contact inputs:	3
Temperature monitoring:	Yes (internal or external
probe) Programming:	Via APP / SMS
Dimensions:	140x85x44mm
Reference Standards:	EN301489-7 / EN301511 / EN60950

CombustionControl.it



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