



# ACTIVE GA-4

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USER MANUAL

- 0-240 Sec Delay Time Setting
- 1 Master / 5 Individual User Passwords
- 16 character Sms Option Available
- 50 Event Logs Info
- On Board Keypad With 64 Bit Lcd
- 24 Hrs Panic/Tamper Zones
- 4 Zones Alarm Panel
- Arm/Disarm Through Password/Sms
- Changeable User/Master Password
- Immediate And Time Delay Zones Available
- Instant Siren And Call/Sms Alert For Zone Open
- Zone Status Indicators On Lcd
- Auto Arming Provision For Zones
- Individual Voice And Text Message Available For Each Zone
- 20 Sec Recording Time For Individual Voice message
- Built-In Gsm Communicator
- Memory Available To Store 10 Phone Numbers
- Receives Sms While Arm/Disarm
- Balance Status Can Be Checked By Sms
- Recorded Message Playback Speaker Provision Available
- If Network Strength Is Off, System Will Be Operated As Normal Panel
- Fully Reprogrammable For Future Options
- Two Sirens With Tamper Provision
- Modified Siren Out Timing (Up To 4 Hours)
- Built In Battery Backup Provision
- Low Battery/Reverse Battery Indicators
- Resettable Fuse
- Control Panel Door Tamper Available
- External Relay For Trigger Mode And Application Mode
- In Application Mode Relay Can Be Operated By Sms
- Control Through Android Application



4 Zones, 4 Lines  
LCD Display  
Keypad



5 Individual User  
Passwords



24 Hours  
Panic/tamper  
Zone



Built In Battery  
Backup Provision



Mobile  
Call Alert



Arming / Disarming  
through SMS



Control through  
Android App

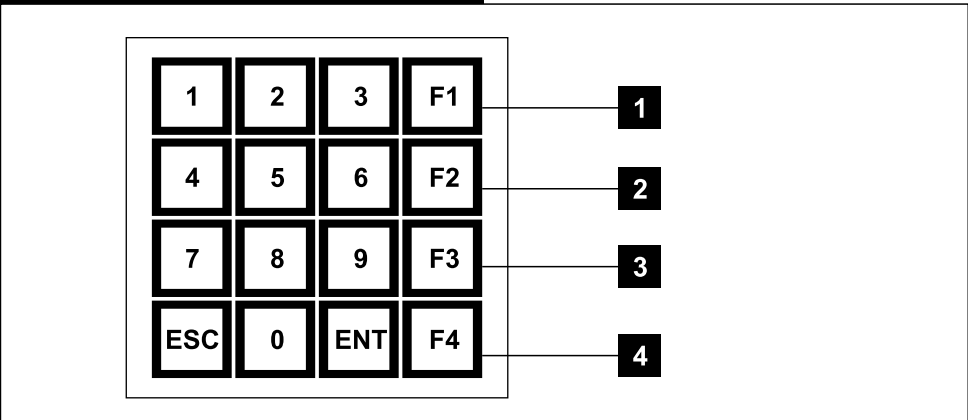


1 Electrical  
Appliance  
Control

## Introduction

Active GA-4 is state of art, user friendly, modular security system, which provides 4 security zones. The system has a built in auto dialer which can dial up to 10 pre-programmed phone number and relay a pre-recorded security alert message. We can Arm and Disarm the system through a message. Any attempt to tamper with the wiring immediately raises an alarm.

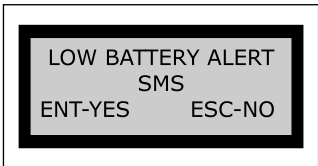
## Key Functions



## Operating Function

1. **F1** → Low battery indication
2. **F2** → Activate individual zones
3. **F3** → Activate all zones
4. **F4** → Enter into Main Menu

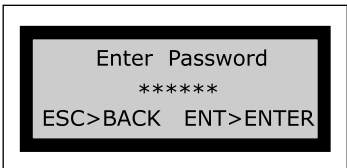
## Low Battery Indication



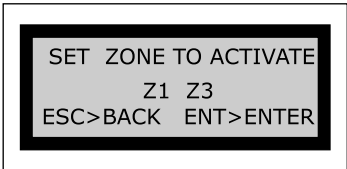
- Press **F1** key to activate Low battery indication SMS.

- Press **ENT** to activate low battery indication SMS else press **ESC** (only works with sim card inserted)

## Activate Individual Zones

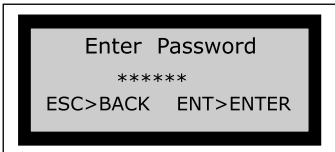


- Press **F2** key, enter six digit password , **ENT**

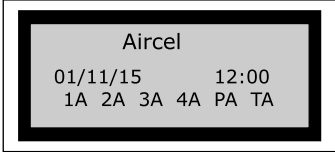


- Select zones which you want to activate using keys **1-4** and press **ENT**

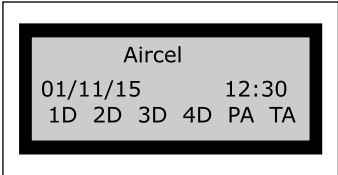
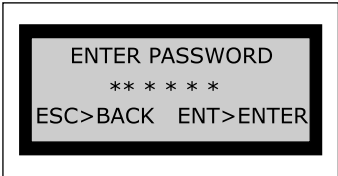
## ACTIVATION



To activate all zones press **F3** & enter six digit default password "\*" \* \* \* \* \*" **ENT**



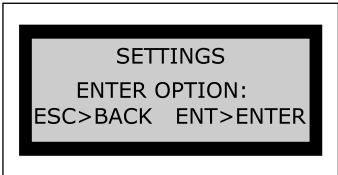
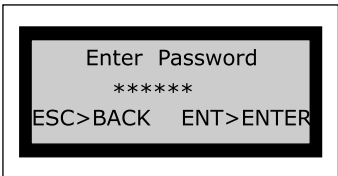
## Deactivation





To deactivate all zones, enter the password directly "\*\*\*\*\*"

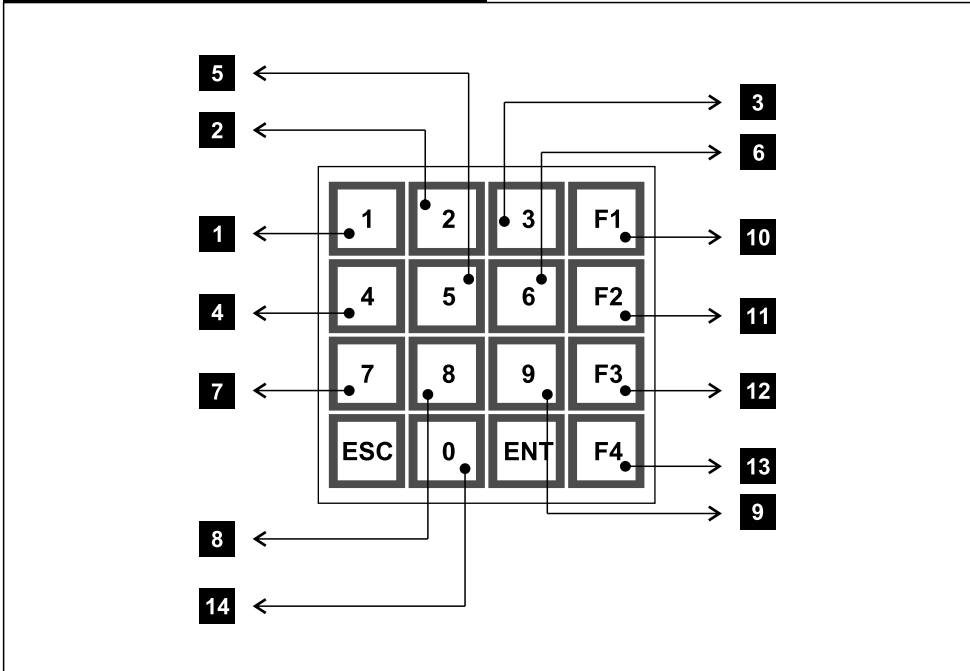


## Main Menu:



- Press  .
- Enter six digit password "\*\*\*\*\*"  to enter into main menu.

# MENU OPTIONS

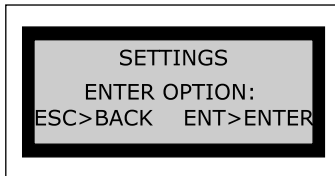
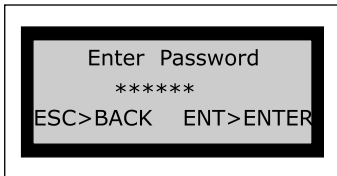


# List of Menus

- |   |   |
|---|---|
| <b>1</b> → <b>1</b> → Edit Password         | <b>8</b> → <b>8</b> → Set Relay Trigger             |
| <b>2</b> → <b>2</b> → Set Zone to Passwords | <b>9</b> → <b>9</b> → Set time delay values         |
| <b>3</b> → <b>3</b> → Set the Phone Numbers | <b>10</b> → <b>F1</b> → Set Balance Command         |
| <b>4</b> → <b>4</b> → Edit text Message     | <b>11</b> → <b>F2</b> → Event Logs                  |
| <b>5</b> → <b>5</b> → Record Voice Message  | <b>12</b> → <b>F3</b> → Set Auto Zone               |
| <b>6</b> → <b>6</b> → Message Reply Count   | <b>13</b> → <b>F4</b> → Software Version            |
| <b>7</b> → <b>7</b> → Set Date &Time        | <b>14</b> → <b>0</b> → Set factory default settings |

ACCESSING THE USER MENUS TO ACCESS THE USER OPTIONS:

Press **F4** and enter the six digit password:



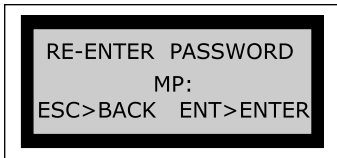
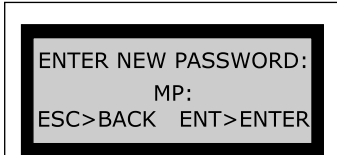
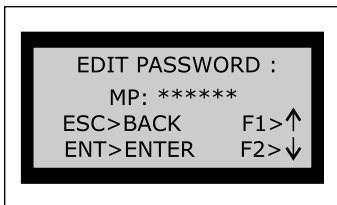
- Press **ENT** Key.



This option enables you to **EDIT PASSWORD**



Press Option **1** to Edit password:

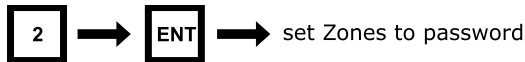


- Press **ENT**; enter the new six digit password using keys **(0-9)**
- Press **ENT** and re-enter the new password and press **ENT** to save the password.
- You can select & edit other passwords to move to next password use **F1** and **F2** keys as up and down.
- Likewise you can change the six passwords.
- Press **ESC** key to come back to user menu.

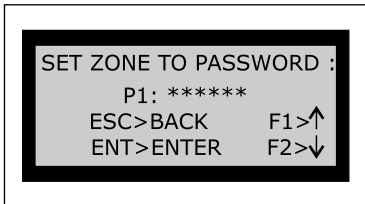




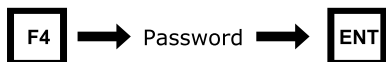
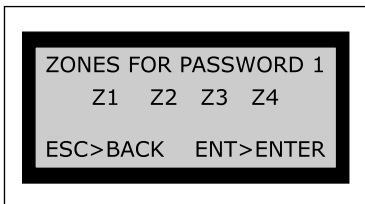
This option enables you to **SET ZONES TO PASSWORD**



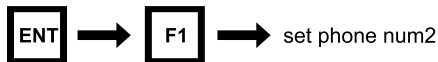
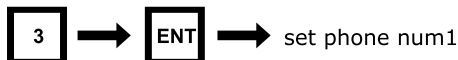
Press Option **2** to set the zones to each password:



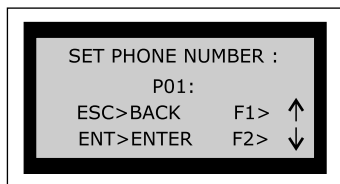
- Press **ENT** key , select zones for password 1.
- Select the zones using **1-4** keys.
- Likewise assign Zones to all passwords.
- Use keys **F1** and **F2** as up & down to move to next password.
- Press **ESC** key to come back to user menu.



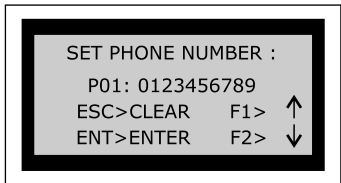
This option enables you to **SET THE PHONE NUMBERS**



Press Option **3** to set the phone numbers

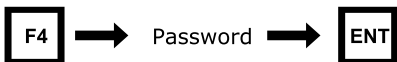


- Press **ENT** Key to set the phone number 1. Use keys **F1** & **F2** to move LEFT and RIGHT and use key **F3** to select and bring the numeric down.

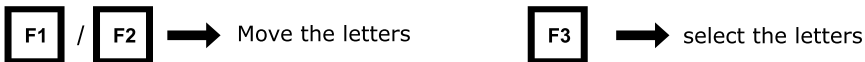


- Press **ENT** Key to save the phone number 1.
- Likewise you can store up to 10 numbers.
- Use keys **F1** & **F2** as up and down to move to next phone number.

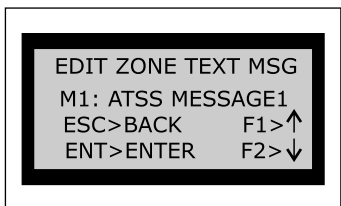
Press **ESC** Key to come back to user menu.



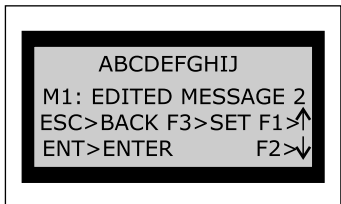
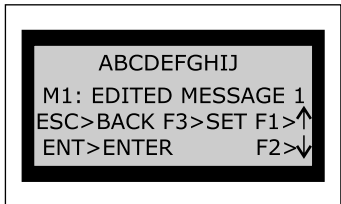
This option enables you to **EDIT TEXT MESSAGE**



Press Option **4** to Edit Zone Text Message:

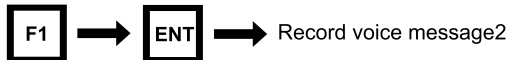


- Press **ENT** key to edit message.
- Move through the letters using the function keys **F1**, **F2** and select letters using **F3**.
- Press **ENT** key to save the message.
- Likewise you can edit 4 zone messages.
- Use keys **F1** & **F2** as up and down to move to next message and edit.
- Press **ESC** key to come back to user menu.

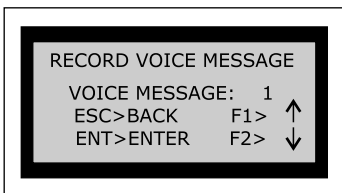




This option enables you to **RECORD VOICE MESSAGE**

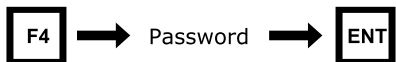


Press Option **5** to Record voice message.



- Press **ENT** key to Record Voice message, again Press **ENT** key to start recording message and press **ENT** to save the message. (Max you can record up to 20 seconds)

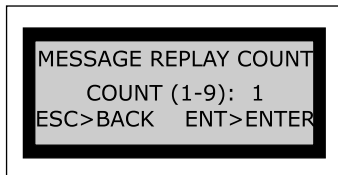
- Likewise you can record voice message for 4 zone.
- Use keys **F1** & **F2** as up and down to move to next voice message.
- Press **ESC** key to come back to user menu.



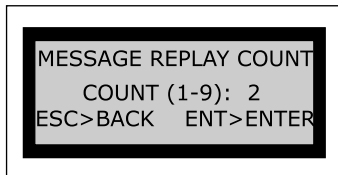
This option enables you to **ENTER MESSAGE REPLAY COUNT**



Press Option **6** to message replay count



- Here you can set message replay count Using keys **1-9**
- Press **ENT** key to save the count.



F4 → Password → ENT

7 → ENT → set date time

This option enables you to **SET DATE TIME**

Press Option 7 to Set Date & Time

SET TIME & DATE

DATE: 01/08/2015

TIME: 11: 51: 41

ESC>BACK ENT>ENTER

SET TIME & DATE

DATE: 01/11/2015

TIME: 12: 00: 21

ESC>SKIP ENT>NEXT

- Press **ENT** to change date and time.
- Use **F1** and **F2** keys to move forward and backward.
- Press **ESC** key to come back to user menu.

F4 → Password → ENT

8 → ENT → F1 → Trigger

ENT → F2 → Application

This option enables you to **SET RELAY TRIGGER**

Press Option 8 to set relay trigger:

SET APPLN RELAY TRGR

TRGR: APPLN RELAY

ESC>BACK F1> ↑

ENT>ENTER F2> ↓

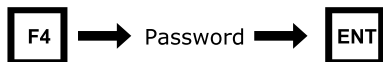
SET APPLN RELAY TRGR

TRGR: TRGR RELAY

ESC>BACK F1> ↑

ENT>ENTER F2> ↓

- Two Relay's available  
Trigger relay  
Application Relay
- Trigger Relay: When the Zones are opened, relay is activated.
- Application relay: The relay can be activated or deactivated through SMS.
- To change Relay type use **F1** & **F2** Keys as up & down.
- Press **ENT** Key to save the Relay mode.
- Press **ESC** key to come back to user menu.



This option enables you to **SET DELAY TIME VALUE AND SIREN ON TIME**



Press Option **9** to set time delay values:



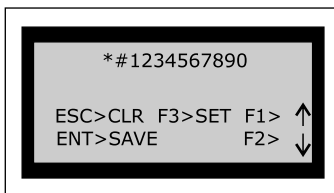
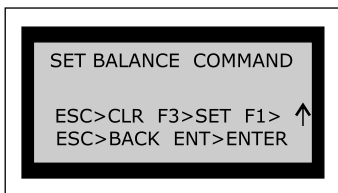
- Here you can set time delay value for **4** zones and also you can set siren ON time.
- Press **ENT** key then enter **3** digit delay time value (**0-255**) for **1st** zone.
- Press **ENT** key to save the values.
- You can select zones and siren ON time using keys **F1** & **F2** as up & down and set respective values.
- Press **ESC** key to come back to user menu.



This option enables you to **SET BALANCE COMMAND**



Press Option **F1** to set balance command



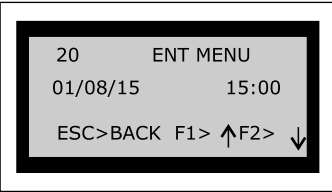
- Press **ENT** Key to set balance command.
- Use function keys **F1** & **F2** to choose the numbers and **F3** key to select the numbers.
- Press **ENT** Key to save the balance command and come back to user menu.



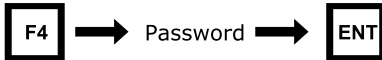
This option enables you to view **SYSTEM EVENT LOGS**



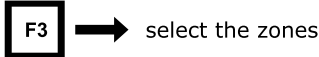
Press Option **F2** to Event Menu:



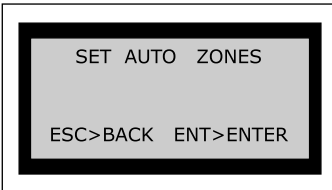
- Here you can view the system log.
- You can move through the log using **F1** (up) and **F2** (down) keys.



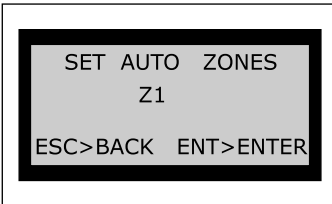
This option enables you to **SELECT THE AUTO ZONES**

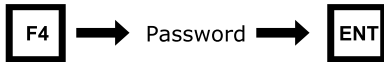


Press Option **F3** to set auto zones :



- Using **1-4** keys select the zones which you want to set in auto zones mode.
- Press **ENT** key to save and come back to user menu.

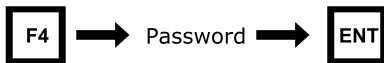
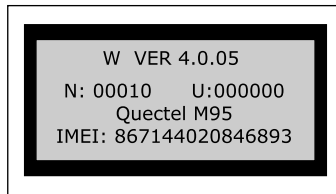




This option enables you can see the **SOFTWARE VERSION**



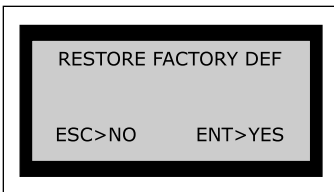
Press option **F4** to view the software version:



This option enables you to **RESTORE FACTORY DEFAULT.**



Press option **0** and **ENT** to Restore Factory default:



- Press **ENT** to restore and **ESC** to come back to user menu.

## **CONTROL OF PANEL USING SMS FROM MOBILE:**

You can control the panel operation by sending message to the number used in the GSM panel of the system. The keywords used for control are:

- ACT (space) XXXX : Activate particular zone
- ACTA : Activate all the zones
- DA (space) XXXX : De-activate particular zone
- DAA : De-activate all the zones
- STS : To check status of the system
- ON : Relay on
- OFF : Relay off
- BAL : Check balance

**Before closing the panel remove the jumper J5, so that the tamper J7 starts working.**

**When the tamper is released, you will receive a message and the siren starts to ring.**



**POWER SUPPLY**

Max Power Consumption	:	36 Watts
AC Main Supply	:	220-240 V AC /50 Hz
Transformer-Step down	:	230 V AC/50 Hz(Pri)
	:	18 V AC /2 A (Sec)

**BATTERY**

Battery type	:	Battery is fully recommended
Max Recharging Voltage-Input	:	Lead Acid Rechargeable Battery
Max Voltage/Current ratings	:	13.7 V DC
	:	12 V DC/7 AH

**ZONES**

Zone Response Time	:	< 500 Millisecond
Zone Loop Resistance	:	< 1kilo Ohm For Normally Closed
Max Output Voltage/Current for Sensor Supply	:	12 V/500 MA
Max Output Voltage/Current for Siren Supply	:	12 V/750 MA
Max Length of Sensor Cable (multi core cable)	:	150 m (Depends on cable resistance)
Max Length of Siren Cable (multi core cable)	:	75 m (Depends on cable resistance)
GSM Antenna	:	5 dB Required

**RELAY-NORMALLY CLOSED**

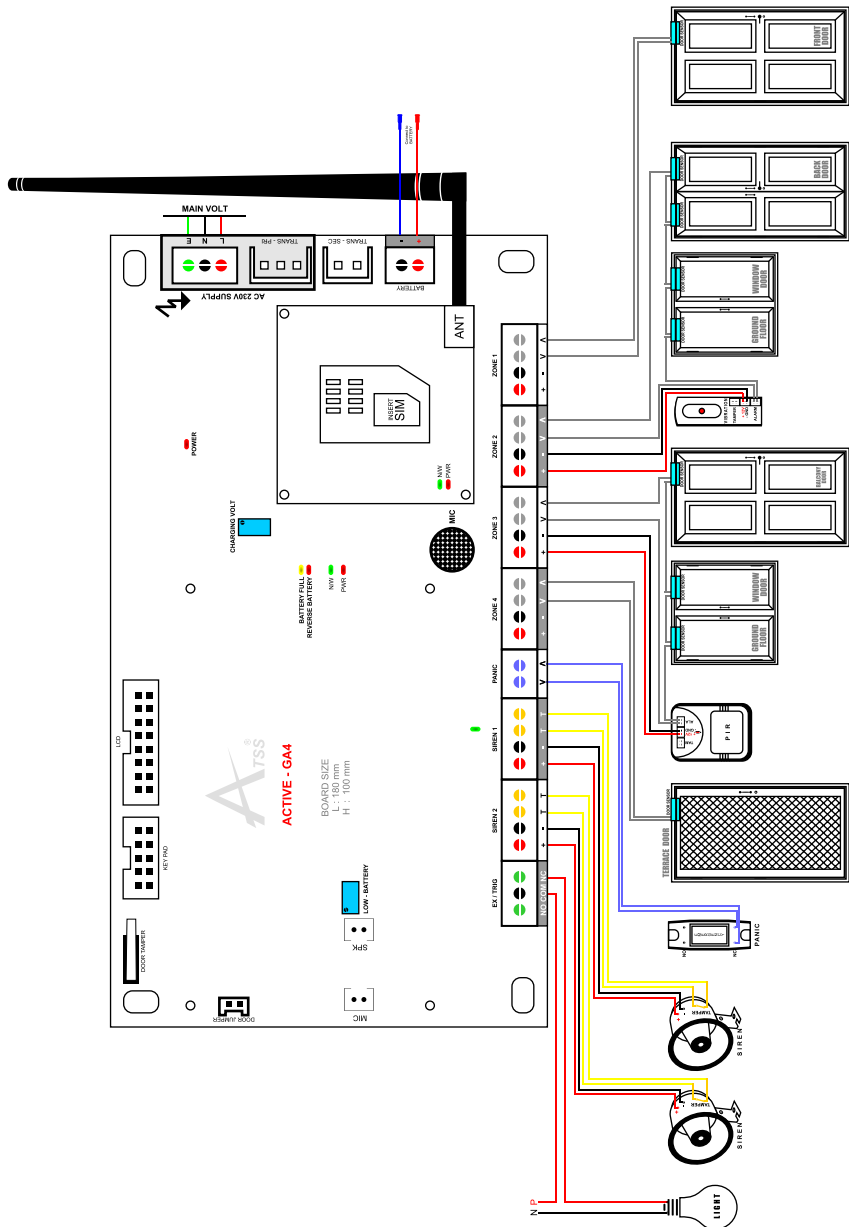
Max Output Voltage/Current	:	AC 240 V/ 5 A
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**ENVIRONMENTAL**

Environment	:	Residential/ Commercial/ Light Industrial
Max Humidity	:	95% Non-Condensing
Operating Temperature	:	0 °C To 45 °C
Storage Temperature	:	-20°C~ + 60°C

**PHYSICAL**

Colour	:	Grey Coloured Metal Box
Control Panel Dimensions(mm)	:	(H X W X L) = 230 X 95 X 330
Weight	:	3.4kg



# ACTIVE GA 4 WARRANTY



Customer Name :

Invoice No :

Date :

Serial No :

Signature

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## How To Obtain Warranty Service?

You must present your Warranty Card and a copy of your original sales receipt to validate warranty coverage. DO NOT lose your receipt.

Dealer Seal



No.40, Muthumariamman Koil St,  
Navalar Nagar, Anna Nagar West,  
Chennai - 600 040. India.

