



# ACTIVE 108

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USER MANUAL

- 30/60 Sec Delay Time Setting
- Daily Alert
- Day/Night Mode Arming
- One Delay Zone, One Immediate Zone
- Instant Siren Alert For Zone Opens
- Led Indicators For Individual Zone Status
- Two Sirens With Tamper Provision
- Modified Siren Out Timing For Short & Long
- Built In Battery Backup Provision
- Low Battery/Reverse Battery Indicators
- Resettable Fuse
- Control Panel Door Tamper
- Micro-Controller Based System

## Optional

- Wireless Remote
- Auto Dialer



Tamper Proof Alert



2 Zones Activation Deactivation Through Key



Day/Night Mode Arming



Led's Indicate Operational/ Individual Zone Status



Day Mode Panic



Built In Battery Backup Provision

## Optional



Facility To Attach Auto Dialer



Arm/disarm External Remote Provision

# Introduction

## About your alarm system...

Active 108 is a 2 Zone key based Burglar/ Intruder alarm system which provides Comprehensive and flexible protection for domestic or commercial premises. The system has two modes of operation, Day mode & Night mode.

## Terms

...you may need to know

- ARMING – Activating
- DISARMING – Deactivating
- ZONE – Part of area

## LED


...Indicators

- POWER • Will glow once power is given to panel
- SYS-ON • Will glow when the system is in ON
- BATT. LOW • Will glow when the battery is low
- ZONE 1 • Will glow when Zone 1 is Active
- ZONE 2 • Will glow when Zone 2 is Active


## Modes

... Of operation

Active 108 has two modes of operation,



Day Mode



Night Mode

**How**

...to change modes?

To change Modes,

- First place the key in OFF position.
- Then place switch to the mode which you want. (You will hear a beep sound while changing)
- Now change the key position to ON, to Arm the system in mode which you kept.

**Important Note: While system is in ON state you can't change modes.**

**Arming the**

...system

- To Arm the Zones place key in ON position and remove it.

**Arming the system in**

...Day Mode



- Place the switch in Day mode and ON the system; you will hear a double beep sound which confirms Activation of day mode.
- In Day mode Zone 1 and Zone 2 will be in Deactive state.
- Panic and Tamper switch will be Active.

**Arming the system in**

...Night Mode



- Place the switch in night mode and ON the system; you will hear a double beep sound which confirms Activation of Night mode.
- Zone 2 will be Activated immediately and the corresponding LED will glow in RED.
- Zone 1 will take a delay time of 1 minute to Activate. Once it is Activated the corresponding LED will start glowing

**DON'T FORGET**

...Confirmation alert

Once you have Armed the Zones, after 60 seconds delay time, you will hear a confirmation siren sound for few seconds acknowledging that Zones have been Armed properly.

**Disarming the**

...system

- To Disarm the Zones insert key and change it to OFF position

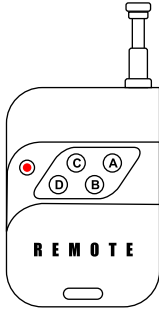
**Notes to**

...remember

- To Activate panel Tamper J16 remove the jumper J14.
- When the siren time jumper STD is shorted, the siren rings for 15 minutes.
- When the siren time jumper STD is open, the siren rings for 30 minutes.
- When the Zone 1 delay time jumper ZT1 is shorted, Zone 1 siren rings after 30 seconds.
- When the Zone 1 delay time jumper ZT1 is open, Zone1 siren rings after 60 seconds.
- Zone 2 siren will start ringing immediately when Zone 2 is opened
- When Tamper is released siren rings.
- Once you open Zone 1 Deactivate the system before delay time

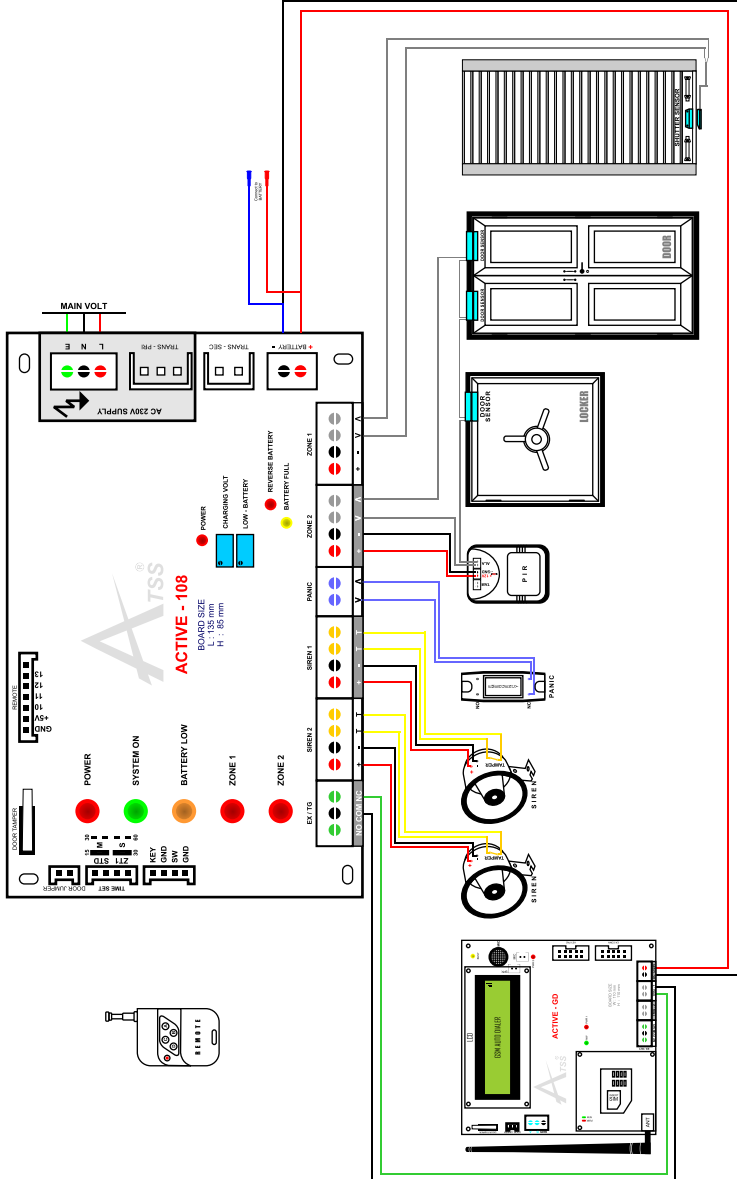
Remote

...functions



- A - ARM the system
- B - PANIC
- C - RELAY CONTROL
- D - DISARM the system

<b>POWER SUPPLY</b>	
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)
<b>BATTERY</b>	
Battery is fully recommended	
Battery type	Lead Acid Rechargeable Battery
Max Recharging Voltage-Input	13.7 V DC
Max Voltage/Current ratings	12 V DC/7 AH
<b>ZONES</b>	
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)
<b>RELAY-NORMALLY CLOSED</b>	
Max Output Voltage/Current	AC 240 V/ 5 A
<b>ENVIRONMENTAL</b>	
Environment	Residential/ Commercial/ Light Industrial
Max Humidity	95% Non-Condensing
Operating Temperature	0 °C To 45 °C
Storage Temperature	-20°C ~ + 60°C
<b>PHYSICAL</b>	
Colour	Grey Coloured Metal Box
Control Panel Dimensions(mm)	(H X W X L)= 240 X 90 X 240
Weight	2.9kg





# ACTIVE 108 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



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