



# ACTIVE 306 8Z

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USER MANUAL

- 0-240 Sec Delay Time Setting
- Daily Alert
- 50 Event Logs Info
- 24 Hrs Panic/Tamper Zones
- 8 Zones Alarm Panel
- 1 Master/20 Individual User Passwords
- Arm/Disarm Through Password
- Changeable User/Master Password
- Auto Arming Provision For Zones
- Immediate And Time Delay Zones Available
- Instant Siren Alert For Zone Opens
- Zone Status Indicators On Lcd
- Time Based Automatic Arm/Disarm-Sleep Mode
- Fully Reprogrammable For Future Options
- Door Chime In Disarm Mode
- Two Sirens With Tamper Provision
- Modified Siren Out Timing (Up To 4 Hours)
- Siren Disconnect Sensing
- Built In Battery Backup Provision
- Low Battery/Reverse Battery Indicators
- Access Control Interface Using Keypad
- Resettable Fuse
- Max 485 Communication For Keypad
- Control Panel Door Tamper Available
- 2 Application Relay For On Time Off Time
- Micro-Controller Based System

## Optional

- Wireless Remote
- Auto Dialer
- Upto 8 Remote Keypad



20 Individual User  
PAsswords



24 Hours  
Panic/Tamper  
Zone



Built In Battery  
Backup Provision



Access Control  
Provision



4 Zones  
2 Line  
Lcd Disp  
With Key



2 Electrical  
Appliance  
Control



Sleep Mode

## Optional



Facility To  
Attach  
Auto Dialer



Arm/disarm  
External Remote  
Provision

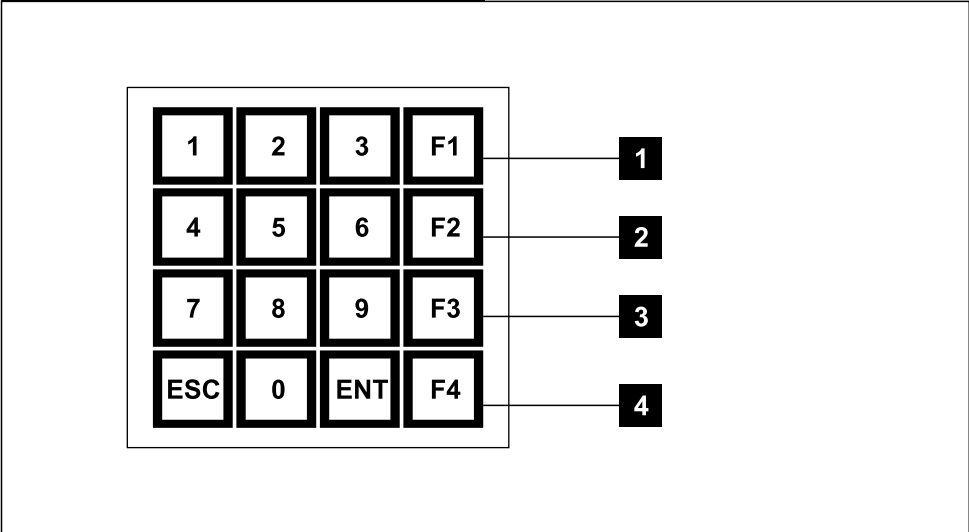


Remote  
Keypad

## Introduction

Active 306/8is a Burglar alarm system with 8 zone facility with option to add 8 remote keypads. Activation and deactivation can be done through keypad by entering password

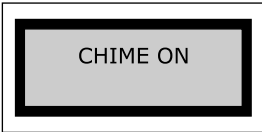
## Key Functions



## Operating Function

1. **F1** → Chime ON/OFF
2. **F2** → Activate Individual Zones
3. **F3** → Activate All Zones
4. **F4** → Enter in to Menu

## Chime ON /OFF




key is used to ON and OFF Chime

## Activate Individual zones

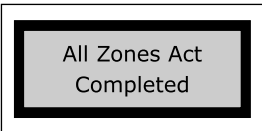
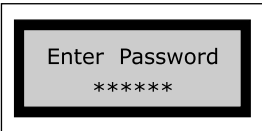


key is used to activate individual

zones , Press  and enter six

digit password and select zones which you want to activate using keys (1-8).

## ACTIVATION

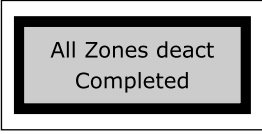


To activate the Zones press 

and the password " \* \* \* \* \* "

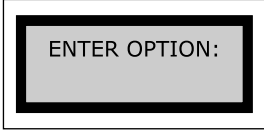


## Deactivation



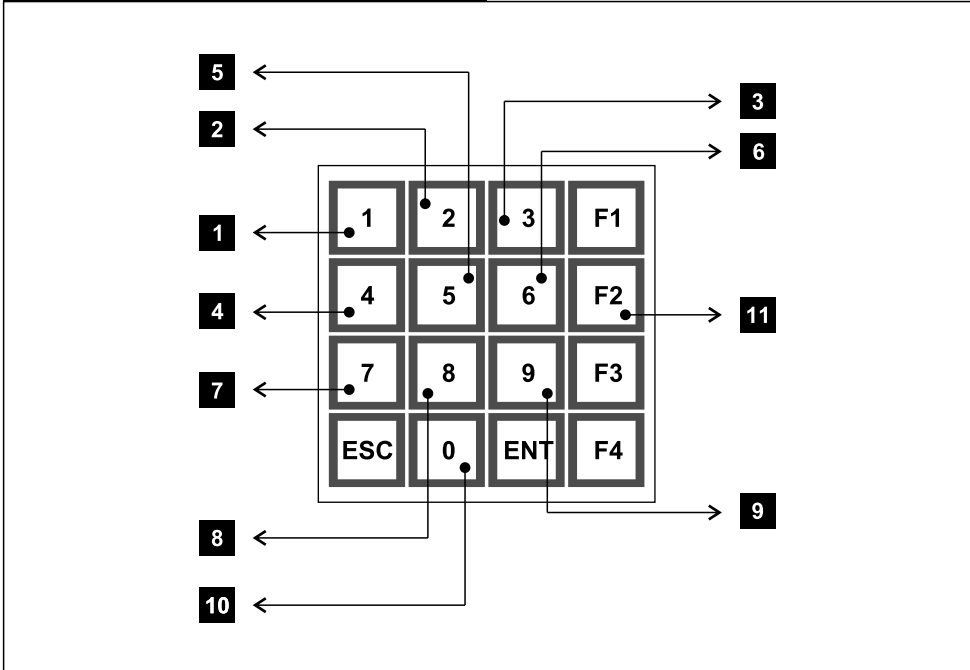
- To de-activate press the password directly "\*\*\*\*\*" **ENT**
- Before Deactivate the Panel, Check all zones are closed.

## Main Menu



- Press **F4**
- Enter default password "\*\*\*\*\*" to **ENT** into the main menu.

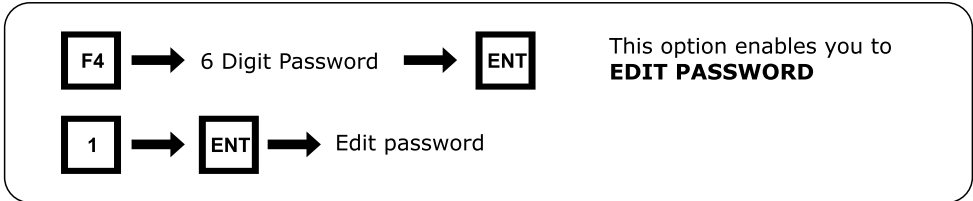
# MENU OPTIONS



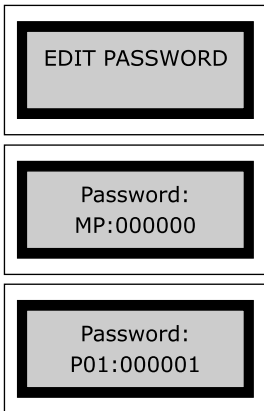
# List of Menu

- |  |   |
|--|---|
| <b>1</b> → <b>1</b> → Edit Password            | <b>8</b> → <b>8</b> → Set Relay Time                    |
| <b>2</b> → <b>2</b> → Set Zone Access Password | <b>9</b> → <b>9</b> → Set Time Value                    |
| <b>3</b> → <b>3</b> → Remote Keypad            | <b>F1</b> → Software Version                            |
| <b>4</b> → <b>4</b> → Sleep Time               | <b>11</b> → <b>F2</b> → System Log                      |
| <b>5</b> → <b>5</b> → Switch Devices           | <b>F3</b> → Set Auto Zones                              |
| <b>6</b> → <b>6</b> → Confirm Tone             | <b>F4</b> → Invalid Option                              |
| <b>7</b> → <b>7</b> → Set Date & Time          | <b>10</b> → <b>0</b> → Restore Factory Default Settings |

ACCESSING THE USER MENUS TO ACCESS THE USER OPTIONS:

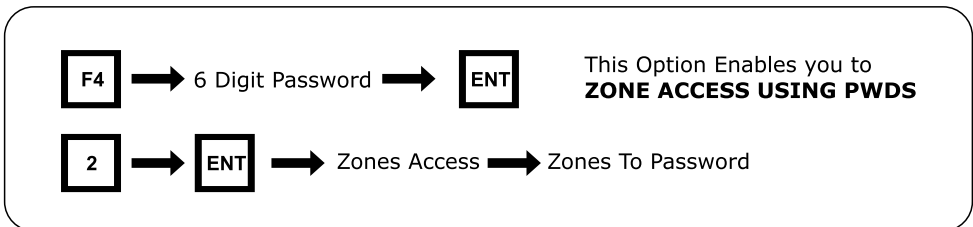


Press Option **1** to edit password:



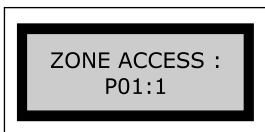
- Press **1** to enter in the edit password option.
- Here we can edit 20 users password & 1 MP password.
- Enter the new six digit password using Keys **(0-9)**
- Press **ENT** to save the new password.
- Use keys **F1** and **F2** as up and down to move to next password.
- Press **ENT** Key to save the new password.

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

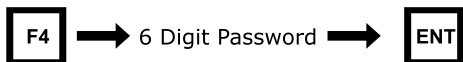




Press Option **2** to Zone Access



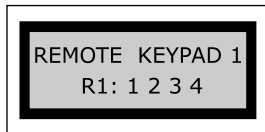
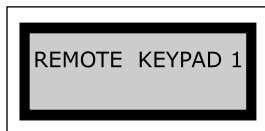
- Press **2** to enter into the Zone Access .
- Here we can assign Zones to all 20 passwords
- Use Keys **1-8** to select zones.
- Use keys **F1** and **F2** as up and down to move to next password.
- Press **ESC** Key to come back to user menu.



This option enables you to Assign Password To **REMOTE KEYPAD**



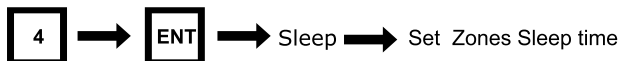
Press Option **3** to Remote Keypad



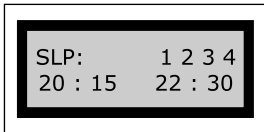
- Press **3** to enter in to remote keypad.
- Here we can assign remote keypad for base panel.
- Use keys **F1** and **F2** as up and down key.
- Press **ESC** Key to come back to user menu.



This option enables you to **SET TIME TO SLEEP FOR ZONES**



Press Option **4** to Set Sleep Time



- Press **4** for Sleep Mode, **ENT** select which zones you want in sleep mode by using keys **(1-8)**.
- Set sleep mode start time and end time and Press **ENT**
- Use Keys **F1** and **F2** To move up and down . In sleep Mode system automatically activates at start time and will be deactivated at end time
- Press **ESC** Key to come back to user menu.



6 Digit Password



This option enables you to ON/OFF FOLLOWING FNS SWITCH DEVICES

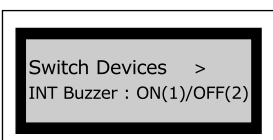
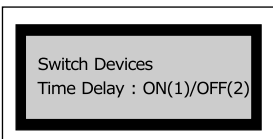
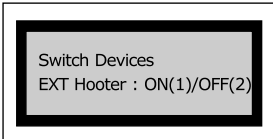
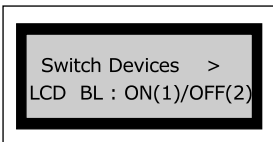


Switch Devices

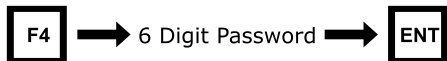


On/Off for (5 option)

Press Option **5** to Switch Devices



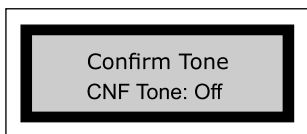
- Here we can Switch ON and OFF following devices
- Int buzzer
- Sleep
- LCD BL
- EX HOOTER
- TIME DELAY
- Use Keys **F1** and **F2** as up and down keys and select option which you want to ON or OFF , Enter in to particular option and press key **1** for ON and key **2** for
- Press **ESC** Key to come back to user menu.



This option enables you to On/Off **CONFIRM TONE**

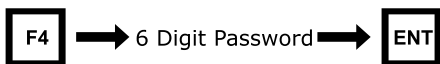


Press Option **6** to Confirm Tone



- Press **6** To enter into Confirm Tone option, Press **ENT** and key **1** to ON and Press key **2** to OFF
- If CNF tone is kept ON, after activation of all zones you will get siren sound for few seconds acknowledging that zones have been activated properly.

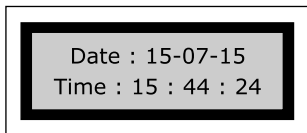
- Press **Esc** Key to come back to user menu.



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

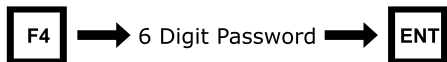


Press Option **7** to Set Date & Time



- Press **ENT** and enter Date & Time. Values using keys **0-9**

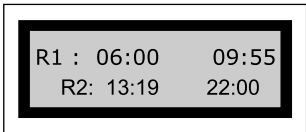
- Press **Esc** Key to save and come back to user menu.



This option enables you to **SET TIME TO RELAY**



Press Option **8** to Relay



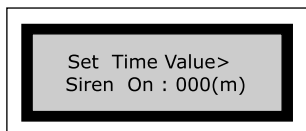
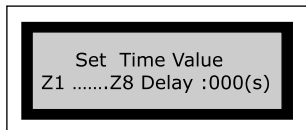
- Press **8** to enter into Relay option.
- Press **ENT**, Two relays **R1** and **R2** available.
- Set ON and OFF time for both **R1** and **R2** relay.
- Press **ESC** Key to come back to user menu.

**F4** → 6 Digit Password → **ENT**

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

**9** → Set Time Values → **ENT** → Set Delay Time For Zones

Press Option **9** to Set Time Value

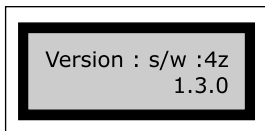


- Press **9** to enter into set time value option. Here we can set Time delay for 4 zones (**Z1,Z2.....Z8**), and Siren ON time and Lock Open time , Press **ENT** after entering Time values. Use Keys **F1** and **F2** as up and down keys to move to next and enter values.
- Press **ESC** Key to come back to user menu.

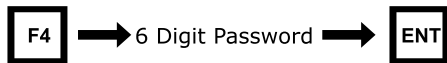
**F4** → 6 Digit Password → **ENT**

This option enables you to See the **SOFTWARE VERSION**

Press Option **F1** to View Software Version :



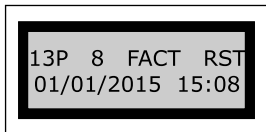
- Press **F1**, to know the version of software.
- Press **ESC** Key to come out of this option.



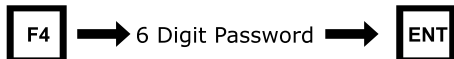
This option enables you to **SEE THE SYSTEM LOG**



Press Option **F2** to System Log



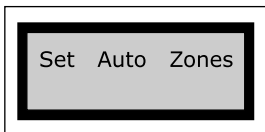
- To see system log ,press **F4** enter default password and in Enter option Press **F2**
- Here we could see upto 50 system Log
- Press **ESC** key to come to user menu.



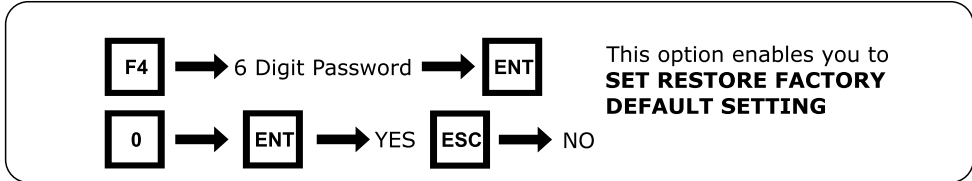
This option enables you to **SET AUTO ZONES**



Press Option **F3** to Set Auto Zones



- To Set **AUTO** zones , press **F4** and enter default password and then enter **F3**,Use keys**(1-8)** to select zones which you want in auto mode and press **ENT**
- The zones which you select here will automatically activate every time when Zones were closed.
- Press **ESC** Key to come back to user menu.



Press Option **0** to Restore factory default setting



- Press **ENT** Key to restore or **ESC** key to exit the menu

## REMOTE FUNCTIONS :

Remote feature is optional . Remote consists of 4 buttons A,B,C,D.

A -> A button is for ACTIVATING the system

B -> B button is for PANIC

C -> C button is for RELAY CONTROL

D -> D button is for DEACTIVATING the system

**NOTE: When tamper switch is released you will hear beep sound.**

**Before closing the panel (short the jumper J5) so that the tamper SW1 start working**

**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)

<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

**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)

**RELAY-NORMALLY CLOSED**

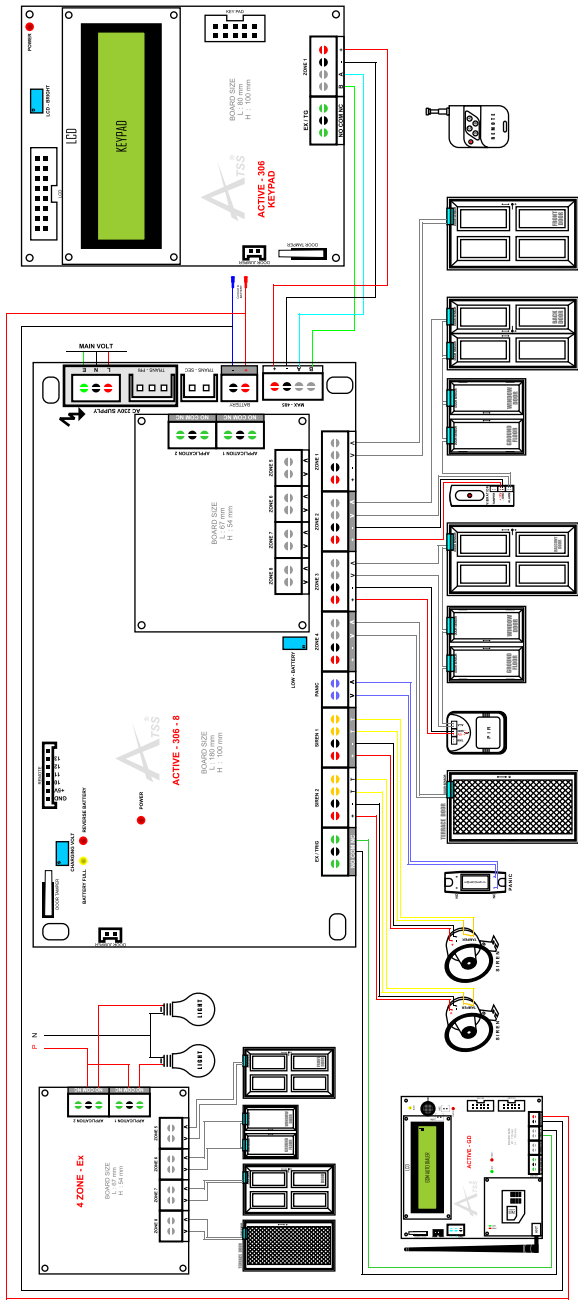
Max Output Voltage/ Current- Base panel Rly	:	240 V/5A
Max Output Voltage/ Current- Keypad Rly	:	120 V/3A
Max Output Voltage/ Current- Application Rly	:	240 V/5A

**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 90 X 290
Keypad Dimension (mm)	:	(H X W X L) 130 X 35 X 90
Weight-Panel/Keypad	:	3.1kg/400g





# ACTIVE 306 - 8Z 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.

