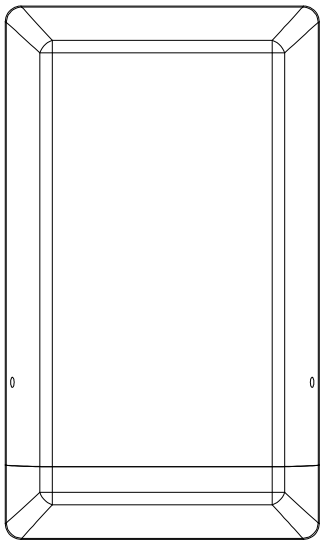
AUW2 Wireless Bellbox Operation Manual

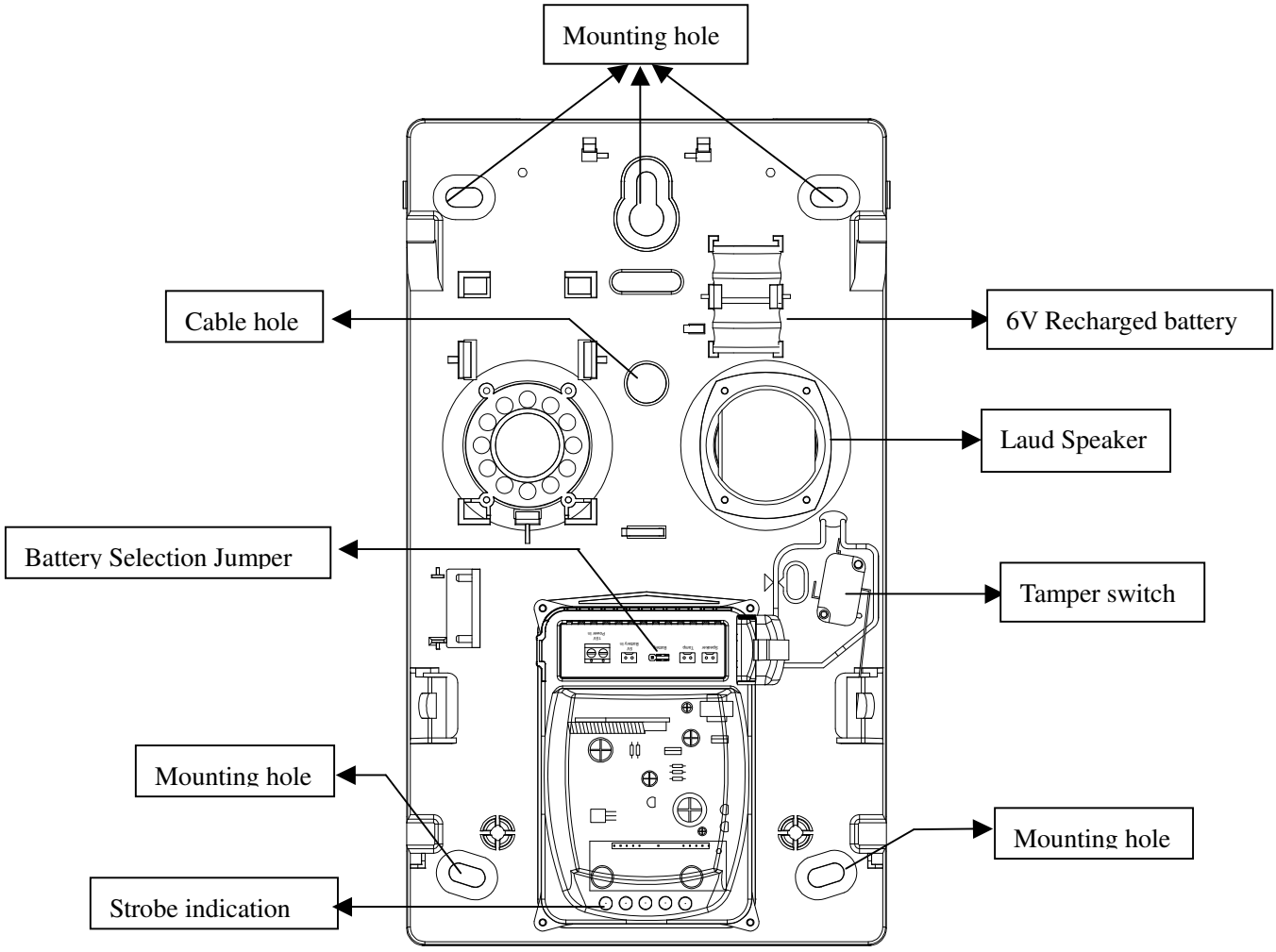


The Wireless Bellbox is based on advanced wireless technology using in alarm system. The Wireless Siren and Control Panel communication is via wireless AM433Hz signals. It using in alarm system enhances the safety of security.
Its wireless communication is stable, fast and it does not need any wire.

1.1 - System Feature

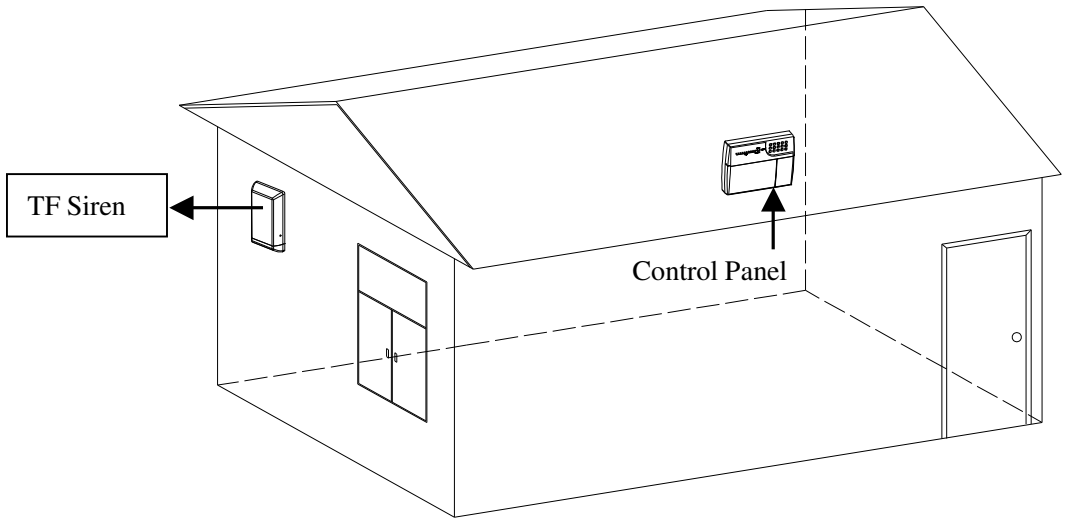
- To be applied to Force 10 control panel
- Tamper protection
- Strobe flash indication
- Body colour white

1.2 – Wireless Bellbox inside



Section 2 – Installing your System

2.1 – Location of Bellbox



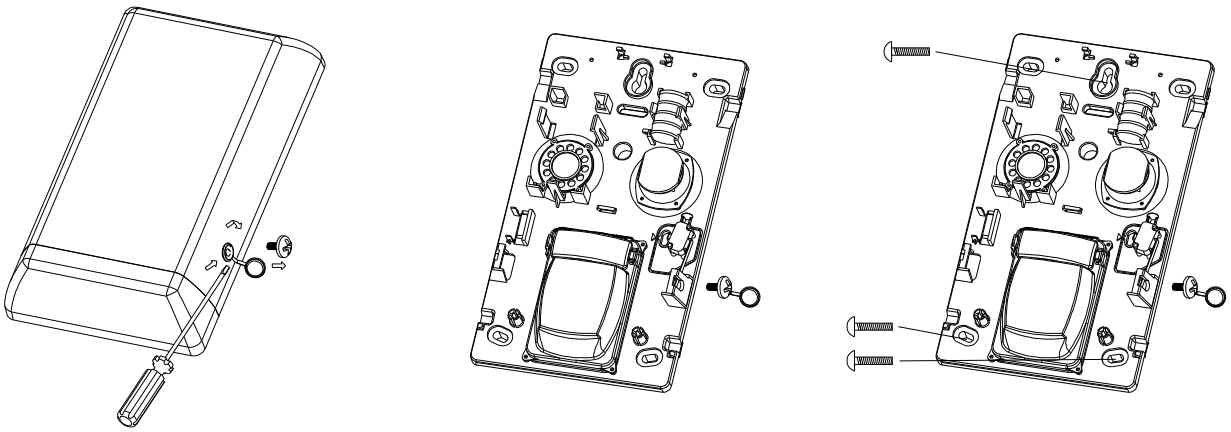
2.2 – Installation of Bellbox

i. Remove the outer cover and mount the Siren base to the wall using screws or fixings that are appropriate for the construction of the building. Keyhole slots and slide mount are provided to assist with positioning. It is recommended that all 3 fixing points are used.

Tamper protection fixing

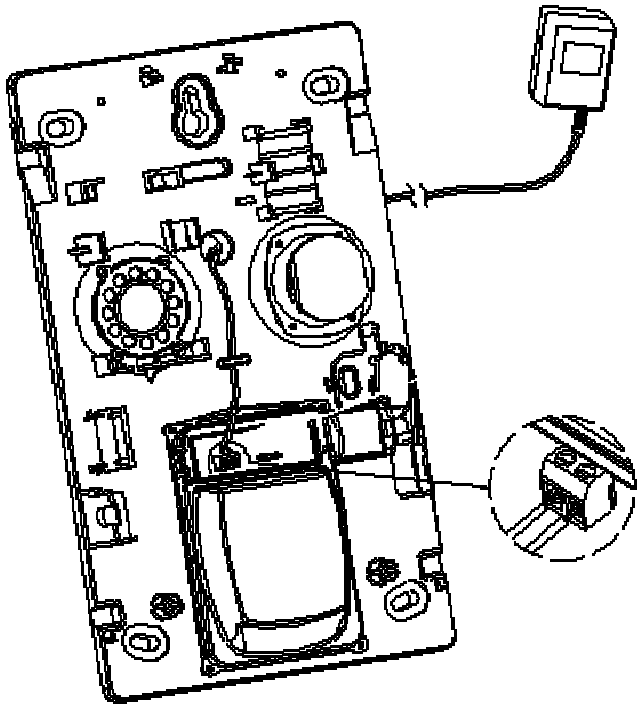
ii. When the base is mounted on the wall, the tamper switch will touch against the wall, but will not 'click' in position at this stage.

iii When the cover is refitted and the cover screw moves further in , it will push the wall tamper switch down against the wall making it 'click'. This screw when fully tightened, provides front cover and wall tamper protection.



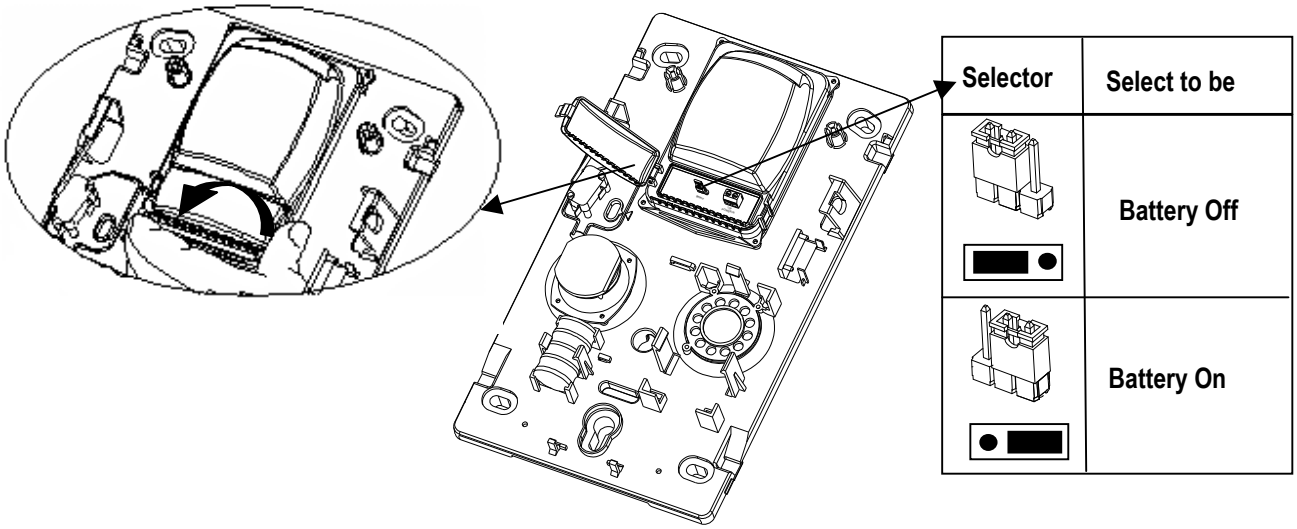
2.3 – Mains Connection

The mains power should be connected using an AC/ AC Adaptor(AC230V/DC12V, 500mA).



Powering up the Wireless Siren :

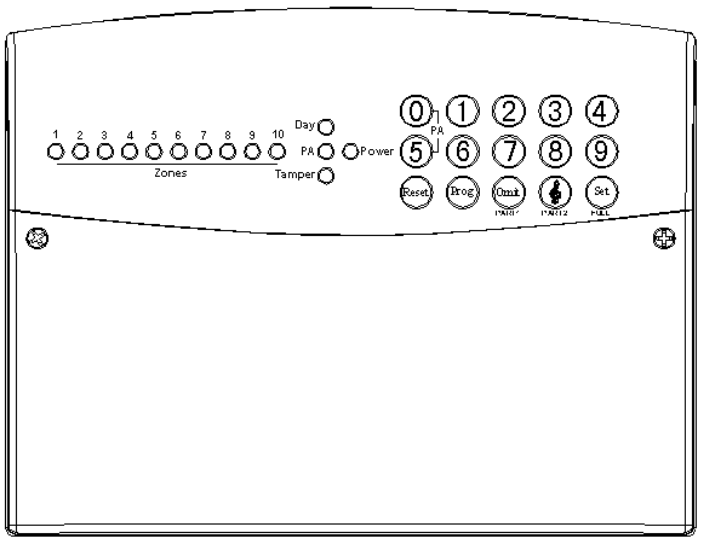
i.Remove cover which is on PCB and select the battery selection jumper on as shown indicated in the battery compartment.



ii. Power up the AC supply

Section 3 – Setting Wireless Siren

3.0 - How to register to Control Panel



Control Panel

How to enter Engineer Program Mode

You require the manager to authorize Engineer access. It is accessed directly from Day mode via the Engineer code.

To operate the "**Enter Engineer operation mode**" as follow:

LCD Remote Keypad:

- Enter Manager program mode
  Press PROG 0 1 2 3

MANAGER MENU
Change Code?

- Press 3 key for the Manage to authorize Engineer access.

MANAGER MENU
Authorise Engr?

- Press SET to accept. It will give a 1hr window to use the Engineer operation mode.

Authorise Engr
for 1 hour

- Press RESET to leave the current menu.

MANAGER MENU
Set Chime Zone?

- Press RESET to go back DAY mode.

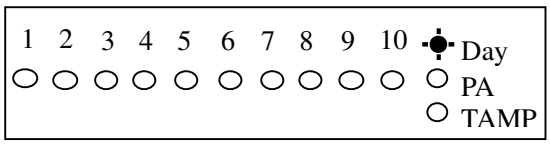
01-Jan-12 15:30
DAY

- Input 4-digit Engineer code 9 9 9 9 and go to Engineer operation window.

ENGINEER MENU
Setup Program?

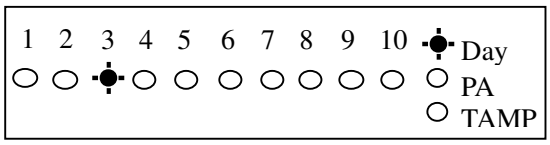
LED Remote Keypad:

- Enter Manager program mode.
- Press PROG 0 1 2 3

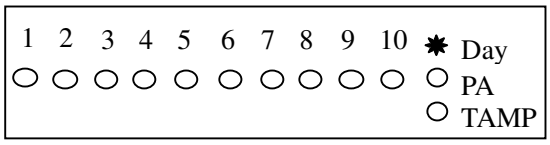


- Press 3 to authorize Engineer access.

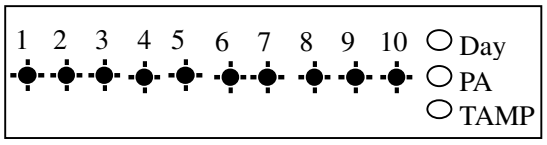
Then Engineer can access program mode within 1hr hour.



- Press RESET twice to leave the current menu.



- Input 4-digit Engineer code and go to engineer operation window within 5 seconds.

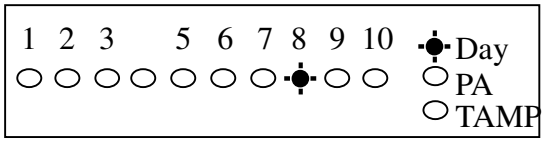


3.1 - How to learn wireless bellbox

One wireless bellbox allowed to be learnt in system.

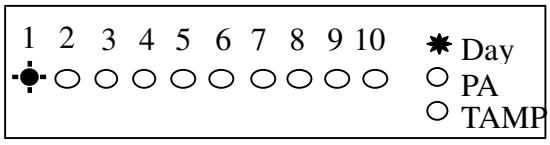
LED Remote Keypad :

- **Under Engineer mode.**



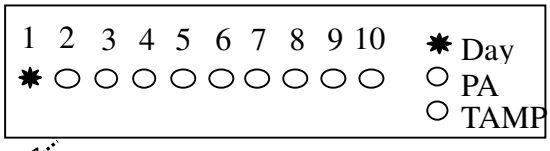
- **Press 8 keys go into** Setup WL Device **function.**

- **Press 3 to enter program wireless bellbox.**



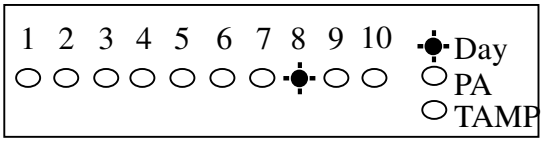
LED 1 flash indicate wireless bellbox have not been learnt.

- Power up wireless bellbox or trigger tamper of Bellbox.



Acknowledge

- Press RESET to exit the current menu



LCD Remote Keypad :

- Under Engineer code

ENGINEER MENU
Setup WL Device?

- Press (8) (SET) keys go into Setup WL Device function.

SETUP WL DEVICE
Setup WL Key?

- Press (3) (SET) key to go into Setup WL Bellbox function.

SETU BELLBOX
Bellbox Learning

- Trigger Bellbox(power on or trig tamper).

Bellbox
Learnt OK!

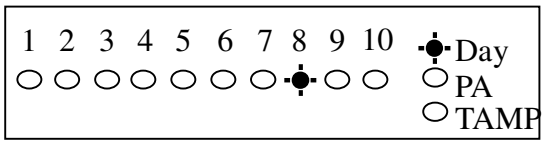
- Press (RESET) to exit the current menu.

SETUP WL DEVICE
EN Supervision?

3.2 - How to delete wireless bellbox

LED Remote Keypad :

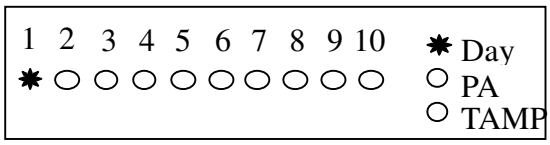
- **Under Engineer code**



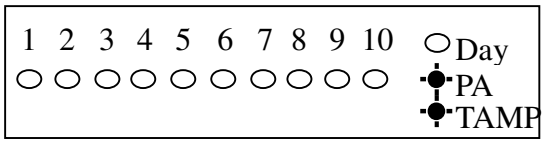
- **Press (8) keys go into** Setup WL Device **function.**

- **Press (3) to enter program wireless bellbox.**

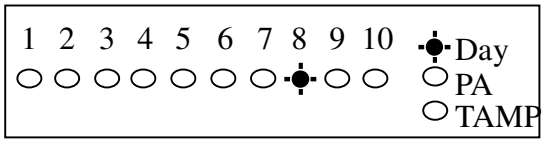
  LED 1 light indicate wireless bellbox have been learnt.



- Press (OMIT) to delete wireless bellbox



- Press (SET) to accept deleting wireless bellbox or (RESET) to cancel the current change.



LCD Remote Keypad :

·Under Engineer code

·Press 8 SET keys go into Setup WL Device function.

SETUP WL DEVICE
Setup WL Key?

·Press 3 SET key to select Setup WL Bellbox function.

Bellbox
have been learnt

·Press OMIT key go into delete bellbox function.

SETUP BELLBOX
Bellbox delete?

·Press SET key to delete or press RESET to reject the change.

Bellbox
ID code deleted

·Press RESET twice to exit the current menu.

SETUP WL DEVICE
EN Supervision?

Section 4 –Using Wireless Siren

a.) When the TF Bellbox receives the BELL ON or STB ON signals, the siren or the strobe will be turned on. If no BELL OFF signal is received, the siren will automatically stop after 15 minutes . The strobe will flash once per second.

b.) When theTF Bellbox receives the BELL OFF or STB OFF signals, the siren or the strobe will be turned off immediately.

c.) When the TF Bellbox is connected to battery and AC supply is off, it will cause a tamper alarm.

Section 5 - Troubleshooting Guide

Wireless Bellbox

Symptoms	**Possible causes and cures**
Bellbox cause alarm	Check the AC is on. It will look as tamper when it no AC Power.
Bellbox cause alarm	When the cover is removed will cause a tamper alarm
AM433 Control panel can not control the Bellbox.	Ensure the distance of the Bellbox and control panel does not beyond 60 meters.

Section 6 - Specifications

Wireless TF External Siren

Type	External audible and visual indication
Housing material	ABS
Transmission Frequency	433MHz
Transmission Range	60 meters (open air with direct line of sight)
Siren Output	100dB min @ 30cm
Power Supply	$15V_{AC}$, 500mA
Siren time	15 minutes