



**Model: FBXWAS01**

### Wireless remote control alarm system

#### Features:

- Wireless remote controller
- Signal range 20-30 meters indoors
- Outdoors range 100-200 meters
- 108db loud siren (audible to 200m distance)
- Metal antenna to enhance the range of communication
- Siren has 3 indicators
  - **GREEN**: power indicator
  - **RED**: siren ON/OFF state of the siren
  - **BLUE**: indicator SYNC light to check signal reception
- Remote has 1 red light indicator to indicate button press
- Remote control has 3 buttons
  - **TOP** button: siren continuously ON
  - **BOTTOM** button: siren OFF
  - **CENTER** button to momentarily turn ON the siren

#### Technical details:

Operating frequency: 315– 480 MHz

System works on signal hop mechanism. Reception happens at more than 12-15 predefined frequencies

Modulation type: GFSK

Radio IC: CC1100 (Chipcon/TI) and equivalents in sub-GHz freq.

Receiver sensitivity: – 112 dbm

#### Operating voltage:

110-220VAC/50-60Hz to 12VDC converter adapter supplied.

Unit can also be plugged to any 12V external battery. Active working hours depends on the battery power

#### Remote battery:

Battery model: 23A 12 Volt (DC battery)

Battery life: 2-3 years (depending on usage), Alkaline dry

Battery replaceable, non-rechargeable

#### Signal transmissions:

Make sure to press a button for at least 2-3 seconds for reliable transmission. This increases the range of communication

#### Application and features:

- Panic alarm in buildings (in case of emergency)
- Alarm displays for security / gated community
- Alarms for airports, sea harbors, railways, factories and defence forces

#### Precautions and mounting locations:

- Remotes can be hand operated or mounted on the a door / wall / bed / table or any flat surface
- Easy mounting of remote jacket with 2 screws
- Designed for indoor purpose use only
- Keep away from metallic enclosures
- In the remote controllers, do not connect the battery in opposite direction
- Receiver unit can mount on the wall on keyholes or placed on a flat surface

#### Physical dimension

Receiver indicator Size: 180 x 100 x 80 mm

Weight: 280 gms

Remote controller size: 120 x 40 x 20 mm

Remote controller weight: 45 gms

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