

FBXS05M: Wireless long range siren receiver

Technical specification



Range of communication:

2 – 3 km

Wall mount calling unit:

Enclosure type: IP 65 (color grey)

Size: 190 x 90 x 55 mm

Weight: 350gms

Metallic enclosure dimension: 300 x 300
170 mm

Weight: 4500 gms

FBXS05M

Wireless long range siren receiver

Features:

- 1-port long range wireless receiver unit (in metallic enclosure)
- 1 indicator RED light in the front (corresponding to 1 port relay)
- 1 indicator BLUE SYNC light to check signal reception
- 1no. of 5Amps potential free relay contactor terminals
- Transmitter ON signal triggers the relay ON (indicator and SIREN turns ON)
- Transmitter OFF signal triggers the relay OFF (indicator and SIREN turns OFF)
- Long range (1-meter) wire / rubber duck antenna (+3dbi)
- Compatible with high power transmitters FBX7xx series

Technical details:

- Operating frequency: 380 – 480 MHz
- Receiver operates works on signal hop mechanism. Reception happens at more than 12-15 predefined frequencies
- Modulation type: GFSK
- Radio IC: CC1100 (Chipcon/TI) and other equivalents in sub-GHz freq.
- Receiver sensitivity: – 112 dbm
- Modulation: GFSK
- Data packet error correction mechanism: FEC
- 1m wire / rubber duck antenna (+3dbi)

Precautions and mounting locations:

- Should not directly connect to motors to avoid initial boot up surge currents
- Mounted on the top of wall
- Easy mounting with 4 screws to secure it tightly
- IP65 enclosure unit, robust and weatherproof
- For out door only
- Keep away from metallic enclosures

Application and features:

- Panic alarm in buildings (in case of emergency)
- Panic alarms and siren ON/OFF
- Motor pump ON/OFF
- Gate opening and closing from a distant location
- Nurse call system for hospitals: remote with patients
- Steam bath sauna rooms / spas / restaurants etc.
- OPD token system for dispensaries: remote with doctors
- Office peon calling system: remote with clerk / manager
- Guest house attendant call unit: remote with customers in room

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