

FBX521B : Wireless panic button transmitter

Technical specification



Precautions and mounting locations:

- Mounted on the top of door / wall
- Easy mounting with 4 screws to secure it tightly
- IP65 enclosure unit, robust and weatherproof
- For indoor purpose use only
- Keep away from metallic enclosures

Wall mount calling unit:

Enclosure type: IP 65 (color grey)
Size: 190 x 90 x 55 mm
Weight: 350gms

Signal range:

~100-150 meters in open line of sight
~20-40 meters indoors
(Possible to increase the range with repeaters)

Model: FBX521B

Wireless Panic button transmitter

Features:

- Panic button triggers a transmitter inside the unit
- 1 button (RED Alarm type) – Emergency calling
- Press RED button to send alarm signals
- Rotate CLOCKWISE to stop sending the alarm signals (this will save battery)
- Press YELLOW cancel button to deactivate the alarm siren

Technical details:

- Transmitter PA +10dbm
- Operating frequency: 380 – 480 MHz
- System operates works on signal hop mechanism. Signal transmission happens at more than 12-15 predefined frequencies
- Modulation type: GFSK
- Radio IC: CC1100 (Chipcon/TI) and other equivalents in sub-GHz freq.
- Modulation: GFSK
- Data packet error correction mechanism: FEC

Operating voltage:

12 Volt DC battery (at the bottom)
Battery model: 23A
Battery life: 2-3 years
Battery type: Alkaline (dry)
Battery replaceable: Yes
Battery rechargeable: No

Signal transmissions:

Make sure to press a button till it gets latched. For deactivation, release the red button latch (by turning clockwise) and then press cancel button. Signals will continue to transmit as long as the red button is in pressed position.

Note: Keeping the red button pressed for long time might conflict / jam with other panic button systems of similar type

Application and features:

- Panic alarm in buildings (in case of emergency)
- Guard room alarm systems
- Security systems and siren alerts in factories
- Check post and defence installations
- Motor pump controllers
- Conveyer belts ON/OFF switch

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