



**FBX528A**

### Precautions and mounting locations:

- Mounted on the top of door / wall / bed
- Easy mounting with 4 screws to secure it tightly
- Keep away from metallic enclosures
- Do not expose battery to water and moisture
- Do not pull the chord to hard to break the internal mechanical arrangement

### Wall mount calling unit:

Enclosure type: ABS plastic (color white)

Size: 100 x 100 x 70 mm

Weight: 190 gms

### Range of communication:

- 20-30 meters indoors (depending on environmental condition)
  - 100-150 meters outdoors (in open line of sight)
- Pulling the chord at least 2-3 seconds improves the range of communication

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**Model: FBX528A**

### Wall mount wireless pull chord button

#### Features:

- FBX528A: 1 pull chord for calling and 1 for cancellation
- Pull string to CALL (in emergency)
- Red button to make call (alternative push button arrangement)
- Yellow button on the side top to CANCEL the ongoing call
- 1 Blue light indicator glows on call button press
- Buzzing sound on press of any of the CALL buttons

#### 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) sub-GHz frequency
- Data packet error correction mechanism: FEC

#### Battery and operating voltage:

12 Volt (DC battery)

Battery model: 23A

Battery life: 2-3 years

Battery type: Alkaline (dry)

Battery replaceable: Yes

Battery rechargeable: No

Battery mounting: Bottom

Battery life: 3-4years, depending on the usage

#### RF antenna:

PCB trace antenna / wire coil antenna / metal antenna (depends on environment necessity)

#### Mounting provisions:

Wireless wall mount calling button needs to be secured on the wall or any vertical surface using 4 screws

#### Application and features:

- Pull chord buttons for beds / washrooms / toilets
- Nurse call system for hospitals: remote with patients
- 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