FBX528: Wireless pull chord button (IP65 enclosure)
Technical specification

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FBX528

Precautions and mounting locations:
• Mounted on the top of door / wall / bed
• Easy mounting with 4 screws to secure it tightly
• IP65 enclosure unit, robust and weatherproof
• 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: IP 65 (color grey)
Size: 150 x 90 x 55 mm
Weight: 230 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: FBX528

Wall mount IP65 wireless pull chord button

Features:
• FBX528: 1 pull chord for calling and 1 for cancellation
• Pull string to CALL (in emergengy)
• X mark button to CANCEL
• 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 secured on the wall or any vertical surface using 4 screws

Application and features:
• Pull chord buttons for washrooms / toilets
• 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