

FBX525A



FBX525B

Model: FBX525 A,B

Wall mount wireless call button (with 1 meter wire)

Features:

- FBX525A: 1 button for calling and 1 for cancellation
- FBX525B: 2 buttons for calling and 1 for cancellation
- Wired button for CALL (much like a bed button)
- X mark button to CANCEL
- 1 Blue light indicator glows on call button press
- Buzzing sound on press of any of the CALL buttons
- Difference between **FBX525A and FBX525B models is the type and number of call button**

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:

Patient call button needs to be mounted on a vertical surface/wall, by hanging the unit on 2 screws (secured on the wall)

Application and features:

- Nurse call system for hospitals: remote with patients
- Call button in washrooms, kitchens, emergency rooms
- 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

Precautions and mounting locations:

- Mounted on the top of door / wall / bed
- For indoor purpose use only
- Keep away from metallic enclosures
- Do not connect the battery in opposite direction

Wall mount calling unit:

Size: 150 x 90 x 55 mm
Weight: 230 gms
Call button bed switch wire: 0.5 – 1 meter

Range of communication:

- 20-30 meters indoors (depending on environmental condition)
- 100-150 meters outdoors (in open line of sight)

Pressing the button for at least 2-3 seconds improves the range of communication

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