



Model FBX722

Handheld wireless call button

(Product pictures and outer cover may vary depending on application and production batch)

Features:

- 2 buttons (ON / OFF)
- YELLOW button (CALL) – Alarm ON
- RED button (CANCEL) – Alarm OFF
- Each button has a corresponding light indicator of same color, it glows when the button is pressed
- 1 blue light indicator SYNC signal. This is an indication that signals are leaving the remote controller
- Charging status:
 - RED light: charging in progress
 - BLUE light: charging completed
- Micro-USB charging point

Technical details:

- Transmitter PA: +28dBm (100mW) constant RF output
- +14dbm high efficiency PA for the transmitter
- Operating temperature: 25 °C
- Operating frequency: 380-480MHz
- CRC on data payload: Enabled
- Packet Error Rate: PER (1%)
- Redundancy packet feature: Enabled
- fOsc = 32MHz
- System operates works on signal hop mechanism. Signal transmission happens at more than 12-15 predefined frequencies
- Modulation type: GFSK
- Data packet error correction mechanism: FEC
- Radio IC: CC1100 (Chipcon/TI) and other equivalents in sub-GHz freq.

Operating voltage:

3.7volt battery (rechargeable Li-ion battery inside)

Battery type: Lithium-ion

Battery replaceable: No

Battery rechargeable: Yes

Signal transmissions:

Make sure to press a button for at least 2-3 seconds for reliable transmission. This increases the range of communication

Application and features:

- Panic alarm systems
- Motor pump controller ON/OFF systems
- Gate opener, lights on/off, machine start/stop
- Patrolling applications
- Railway track maintenance sirens
- Factory alarms

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:

Enclosure type: IP 65 (color grey)

Remote controller size: 135 x 65 x 23 mm

Remote controller weight: 130 gms

Range of communication:

2 to 4 Kilometers (in urban area)

Up to 6 Kilometers (with clear line of sight to the receiver and height above 20 feet above ground level)

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