

FBX722: Wireless long range transmitter remote

Technical specification



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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Model FBX722

Wireless long range remote transmitter

Features:

- Press YELLOW CALL button to send alert signals
- Press RED ATTENDED button to disengage the alert
- Corresponding light indicator glows on button press

(The button colors and writings may vary, subject to installation location requirement)

Technical details:

+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
Radio IC used CC1100 (from Texas Instruments) [Sub-GHz frequency]

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 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