

# FBX545: Wireless wall mount call buttons (IP65 enclosure)

## Technical specification



### 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
- For indoor purpose use only
- Keep away from metallic enclosures
- Do not pull the call button cable
- Do not expose battery to water and moisture

### Wall mount calling unit:

Enclosure type: IP 65 (color grey)  
Size: 150 x 90 x 55 mm  
Weight: 230 gms

**Model: FBX545**

### Wall mount IP65 wireless call button (with 1 meter wire)

#### Features:

- 03 buttons (2 buttons for calling and 1 for cancellation)
- Wired button for CALL
- GREEN button for CALL
- RED button for CANCEL
- 1 blue light indicator for calling button press indication
- 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) and other equivalents in sub-GHz freq.
- Modulation: GFSK
- Data packet error correction mechanism: FEC

#### 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

FORBIX SEMICON INDIA PVT. LTD.

Bangalore, India

Website: <https://www.forbixindia.com>

+91 9742370190 / +91 9742159846

FORBIX Osäühing,

Tallinn, Estonia

Website: <https://www.forbix.eu>

+372 880 1510

Email: [sales@forbixindia.com](mailto:sales@forbixindia.com)

#### Application and features:

- 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