

# FBXWCCS05: Wireless dual staff calling with ACKNOWLEDGEMENT

## Technical specification



**Model: FBXWCCS05**

**Wireless dual staff calling system with ACKNOWLEDGEMENT**

### Features:

- Press RED button (on the calling unit) to call staff member 1
- Press BLUE button (on the calling unit) to call staff member 2
- Indicator receiver with the staff members
- RED light indicator for staff member 1
- BLUE light indicator for staff member 2
- Buzzer blows on respective receiver when called
- Acknowledgement indicator at the calling unit. This indicator ensures that the call has landed to the receiver

### Range of communication:

- 20 – 30 meters indoors
- 100 – 120 meters outdoors (line of sight)

### Precautions and mounting locations:

- Caller and receiver units can 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

### Wireless staff calling system:

Receiver indicator size: 160 x 100 x 35 mm

Weight: 230 gms

Calling unit size: 160 x 100 x 35 mm

Remote controller weight: 230 gms

### Technical details:

- Remote transmitter PA +10dbm
- Receiver sensitivity: – 110dbm
- 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 (110-220VAC/50-60Hz) adapter supplied

### Signal transmissions:

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

Once release button, acknowledgement indicator glows

### 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
- Office peon calling, school peon calling system

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