

FBXWCCS02: 1 manager 3 staff wireless customized calling system

Technical specification



Calling unit

Receiver units

Range of communication:

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

Precautions and mounting locations:

- Calling unit can be 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

- Receiver unit can mount on the wall
- Or even simply kept on the table

Wireless staff calling system:

Receiver indicator size: 160 x 100 x 35 mm

Weight: 230 gms

Calling unit size: 180 x 180 x 35 mm

Calling unit weight: 250 gms

Model: FBXWCCS02

1 manager 3 staff wireless calling system

Features:

- Manager can call 3 staff members using the calling unit
- Every staff member has 1 display indicator receiver unit
- GREEN button to call
- RED button to cancel (after attending the call)
- Power indicator for every device
- Buzzer sound on respective receivers when called

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:

Calling unit

- 12 Volt DC battery (at the side)
- Battery model: 23A
- Battery life: 2-3 years
- Battery type: Alkaline (dry)
- Battery replaceable: Yes
- Battery rechargeable: No

Receiver indicator

- 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

Application and features:

- 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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