

# FBXWACS32: Wireless calling system 32 remotes

## Technical specification



### Precautions and mounting locations:

- Receiver mounted on the top of door / wall / bed
- Remote jacket can be secured with 2 screws
- For indoor purpose use only
- Keep away from metallic enclosures
- Do not expose remote battery to moisture
- If not in use for long time, then remote battery

### Dimensions and weight:

Receiver indicator size: 265 x 165 x 48 mm  
Weight: 350 gms  
Remote controller size: 120 x 40 x 20 mm  
Remote controller weight: 45 gms

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**Model: FBXWACS32**

### 32 remotes wireless attendant calling system

#### Features:

- 32 BLUE indicator – one for a corresponding remote (01 to 10)
- 1 green light indicator for power supply (on indicator receiver)
- 1 buzzer, blows when call button pressed
- Remote has 1 red light indicator to indicate button press
- Remote TOP button: to call (summon) peon
- Remote BOTTOM button: to cancel the call

#### Technical details:

- Remote controller (transmitter PA): +10dbm
- Receiver radio sensitivity: -112dbm
- Operating frequency: 380 to 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:

**Receiver:** 110-220VAC/50-60Hz to 12VDC converter adapter supplied. The unit can also be plugged to any 12V external battery supply

#### Remote controller:

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:

- Nurse call system for hospitals: remote with patients
- Call button in washrooms, kitchens, emergency rooms
- 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