



**Model: FBXCSI20A**

**20 indicator receiver console**

### Features:

- 20 BLUE indicators, one for each corresponding remote
- 1 green light indicator for power supply (on indicator receiver)
- 1 buzzer, blows when call button pressed
- (Optional customization), reset button on some models to cancel all the ongoing calls together

### Technical details:

- Receiver sensitivity: – 112 dbm
- 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) sub-GHz frequency
- Data packet error correction mechanism: FEC

### Operating voltage: (12V)

110-220VAC/50-60Hz to 12VDC converter adapter (supplied)

Users can also plug to any 12V external battery. Active working hours depends on the battery power

### RF antenna:

PCB trace antenna / wire coil antenna / metal antenna (depends on environment necessity)

### Mounting provisions:

The receiver console display device needs to be secured on the wall or any vertical surface using 2 screws. Alternatively, it can be placed on a table as well

### 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

### Possible configurations:

Similar functional receivers are also available from 10 to 32 indicators. Even odd configurations like 23 or 27 calling indicators is also possible

### Receiver display console

Receiver console size: 265 x 165 x 48 mm

Weight: 450-580 gms

### Advantages:

- All calling units (remotes) are visible simultaneously on the console indicator panel
- Individual cancellation of calls is possible using the same calling remote
- Additional remotes can also be provided for separate cancellation

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