

# FBXCSL03A: 3 digit display receiver console

## Technical specification



### Possible display configurations:

00, 01, 02, 03, ..... 99. Alphanumeric numbers also possible for 2/3/4 digit displays. Examples, A1, b2, c3, d4, E5, e5, F6, G7, HP01, i28, J452, L89, n02, P6, r412, t5, u58, U12, y8, 3012, 4569, 85A2, etc.

### Receiver console station

Receiver console size: 240 x 165 x 45 mm  
Display (each unit size ) 48 x 65 mm  
Weight: 450-580 gms (2 – 4 digits )

### Total number of call points configured:

- Maximum possible 250 remotes attached to 1 receiver
- Typically 10 to 50 calling remotes for reliable performance

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**Model: FBXCSL03A**

### 3 digit receiver display console

#### Features:

- Volume control knob to module beeping sound
- Number cancellation button
- Display number rotation in round-robin fashion if more than 1 number is called at a time
- Configurable up to 250 individual calling points
- Display self-check at power up

#### Technical details:

Operating frequency: 380 – 480 MHz

System works on signal hop mechanism. Reception happens at more than 12-15 predefined frequencies

Modulation type: GFSK

Radio IC: CC1100 (Chipcon/TI) and equivalents in sub-GHz freq.

Receiver sensitivity: – 112 dbm

#### Operating voltage: (12V)

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

Unit can also be plugged to any 12V external battery. Active working hours depends on the battery power

#### Receiver console

- 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:

- 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