

FBXCSL04A: 4 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: FBXCSL04A

4 digit display receiver 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