

FBXCSL02A: 2 digit receiver console

Technical specification



Model: FBXCSL02A

2-digit receiver console

Features:

- Displays the called number
- Volume control knob to modulate beeping sound
- Present number cancellation button
- Shows the numbers in round-robin fashion if more than 1 number is called at a time (max. 10 numbers can rotate)
- Configurable up to 250 individual calling points
- Display self-check at power up

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 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 display console

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 can be attached to 1 receiver
- Typically 10 to 50 calling remotes for reliable performance

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