

Features	FBXL01	FBXL01
Common features	Receiver with LCD Monitor (each cell corresponds to a remote control signal) Monitor connector: VGA port Support range enhancer repeater signals More than 1 screen support (using a VGA splitter) Supports up to 64 calling points (remotes/pull chords) Buzzing sound on SOS signal reception from a remote Possible to configure for customized alpha-numeric numbering	
Additional features	- NA -	24x7 data logger support (Call and attended time logs in .txt file) Inbuilt RTC (real time clock) Support for 8/16/32GB micro SDCard WiFi hotspot connectivity to download

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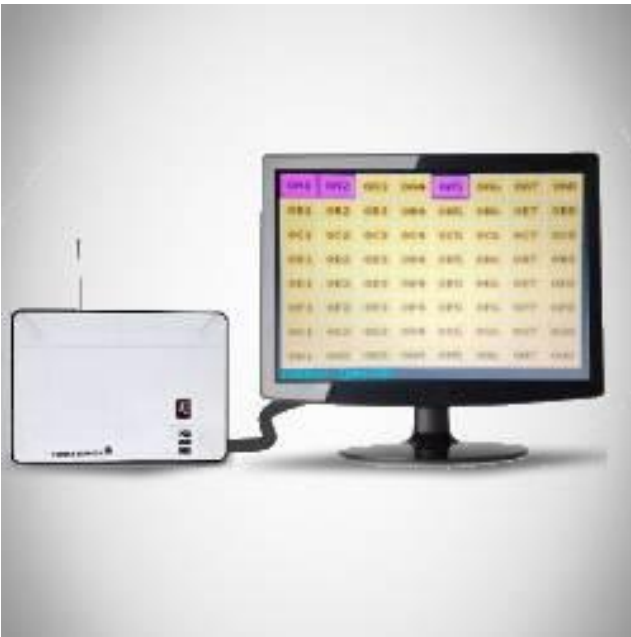
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- **FBXL01:** Receiver with LCD Monitor support (via VGA port)
- **FBXL01:** Receiver with LCD Monitor support (via VGA port) + 24x7 data logger with internal SDCard, RTC and WiFi support

**Note:**

- The device set contains the receiver console box and adapter only. User needs to connect a VGA cable and LCD monitor with VGA of their own choice
- Remote to receiver signal range 20-40meters indoors and 100-150 meters outdoors, in open Line of Sight (LoS)
- WiFi signal range for connectivity to the receiver console is 5-15 meters (indoors)



**Model: FBXL01 / FBXL01**

**Receiver console with LCD Monitor VGA display support , 24x7 data logger, internal RTC, SDCard and WiFi connectivity logfile download**

### Features:

- Displays the called number on the LCD monitor screen
- Shows all the numbers on the screen
- Configurable up to 64 individual calling points
- Display self-check at power up
- Volume control knob to modulate beeping sound (customized and optional)

### 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

### Possible display configurations:

00, 01, 02, 03, ..... 63 or any customized alphanumeric numbers also possible for 2/3/4 digit  
Examples, A1, b2, c3, d4, E5, e5, F6, G7, HP01, i28, J452, L89, n02, P6, r412, t5, u58, U12, y8, 3012, 4569, 85A2, etc.

### Downloading log files:

Connect to WiFi network:  
SSID: **FBX\_DATALOGGER**  
Password: **\*\*\*\*\***

Connector over browser to url:  
**<http://192.168.1.1/>**

### Receiver console

Receiver console size: 240 x 165 x 45 mm  
Weight: 450-580 gms (2 – 4 digits)  
Antenna: 170mm

### Total number of call points configured:

- Maximum possible 64 remotes can be attached to 1 receiver
- Typically 10 to 40 calling remotes for reliable performance

### 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



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[DATALOGGER v1.0]

System Time [link](#)

SD Card Info: [link](#)

Log Files: [link](#)

Browser Time: 27/10/2018 12:27:50

RTC Time: 27/10/18 12:27:36

Update RTC Time: [Update](#)

Sd Card: present

Volume type: FAT32

Volume size: 3802Mb

- [6-9-18.TXT](#) [2439]
- [1-1-0.TXT](#) [75]
- [7-9-18.TXT](#) [5390]
- [8-9-18.TXT](#) [1463]
- [10-9-18.TXT](#) [3815]
- [11-9-18.TXT](#) [3038]
- [12-9-18.TXT](#) [1885]
- [13-9-18.TXT](#) [556]
- [14-9-18.TXT](#) [1640]
- [19-9-18.TXT](#) [257]

dd-mm-yy.TXT [file size in KB]

Every day has a logfile

Log file contents

```

15:13:14 A-05...CANCEL from remote
15:13:17 b-04...CALL
15:13:21 b-04...CANCEL from remote
15:13:27 b-04...CALL
15:13:33 t-03...CALL
15:13:41 b-04...CANCEL from remote
15:13:43 t-03...CANCEL from remote
15:13:47 b-04...CANCEL from remote
15:13:49 b-05...CANCEL from remote
15:13:52 b-04...CANCEL from remote
15:13:59 A-01...CANCEL at console
15:17:44 ***** MACHINE REBOOT *****
15:20:39 ***** MACHINE REBOOT *****
15:21:12 b-01...CANCEL from remote
15:21:38 ***** MACHINE REBOOT *****

```