



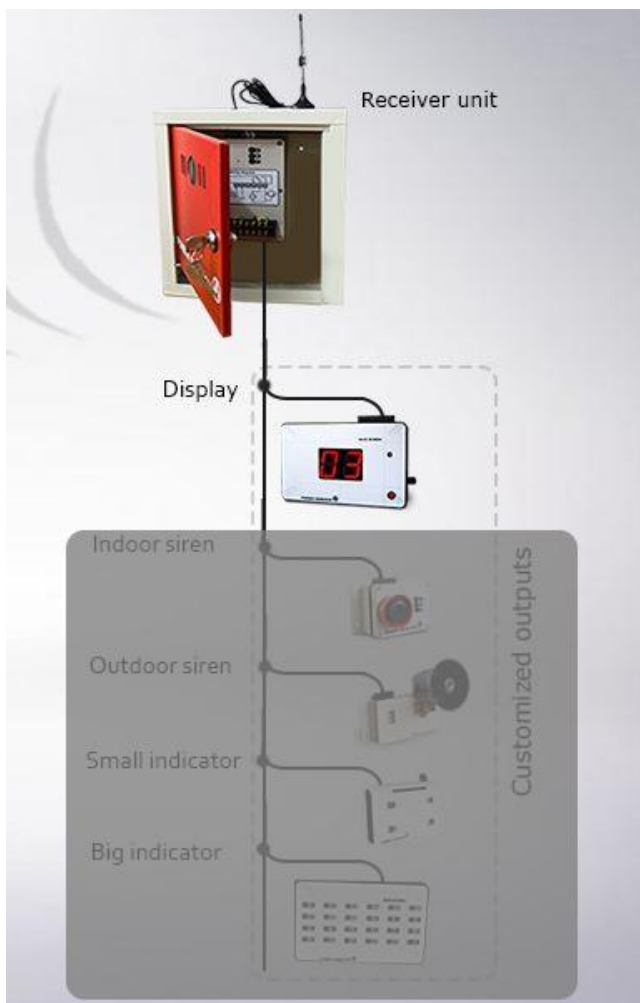
[Enclosure design may vary depending on customized orders and production batches]

FORBIX SEMICON INDIA PVT. LTD.  
Bangalore, India  
Website: <https://www.forbixindia.com>  
+91 9742370190 / +91 9742159846

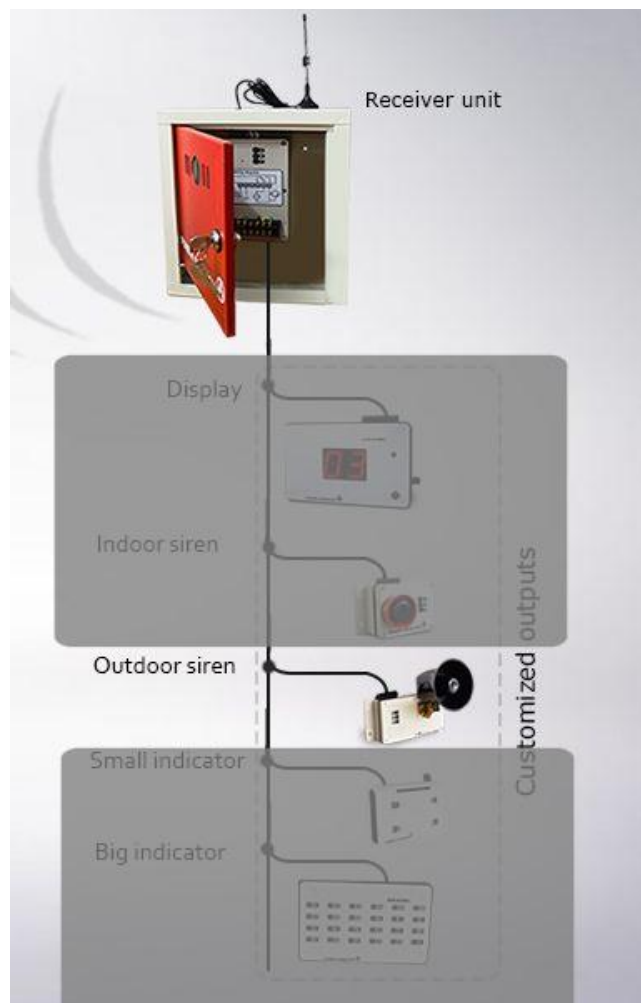
FORBIX Osäühing,  
Tallinn, Estonia  
Website: <https://www.forbix.eu>  
+372 880 1510

Email: [sales@forbixindia.com](mailto:sales@forbixindia.com)

- Long range receiver 7xx series solutions
- Transmitter and receiver in IP55 metallic box
- Signal range 3-4Kms
- Circuits enclosed in IP65 ABS enclosure
- 1 siren connections possible (at a time)  
118 decibel (FBX7S05M) or  
108 decibel (FBX7S01M)
- 1 indicator possible (at a time)  
7-segment 2-digit display  
32 indicator display  
1-9 indicator display



Receiver model: **FBX7L02**  
Receiver + 7-segment (2-digit) display)



Receiver model: **FBX7S05**  
Receiver + 118 decibel siren

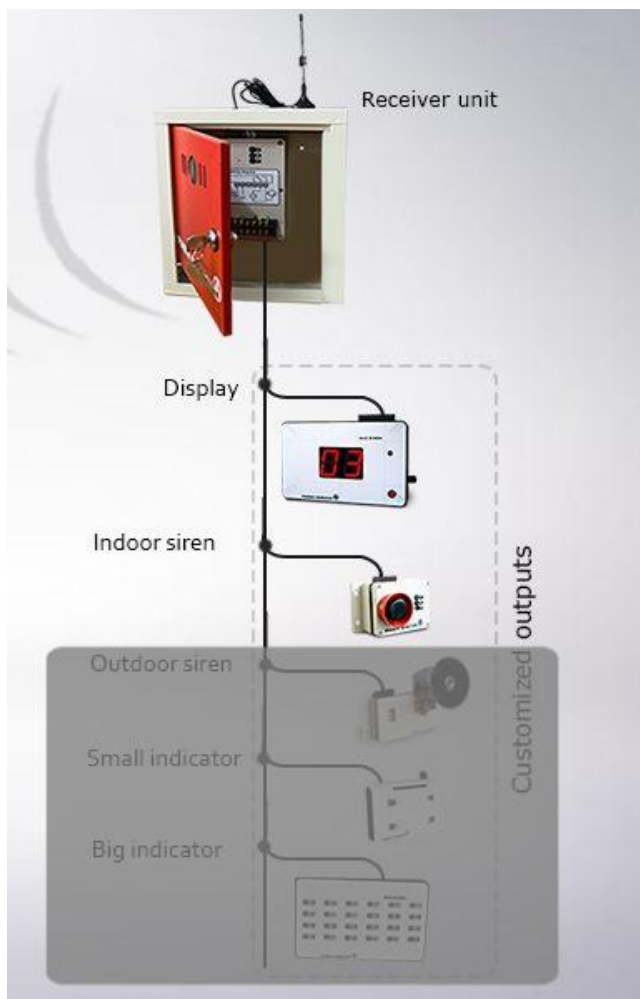
Various other customized models available:

- Model **FBX7L02S05**: Combination of 7-segment display and 118 decibel siren
- Models **FBX7L03 / FBX7L04**: customized models for 3 or 4 digit displays
- Models **FBX7L03S05 / FBX7L04S05**: customized combination of 3-digit and 4-digit displays to 118 decibel sirens

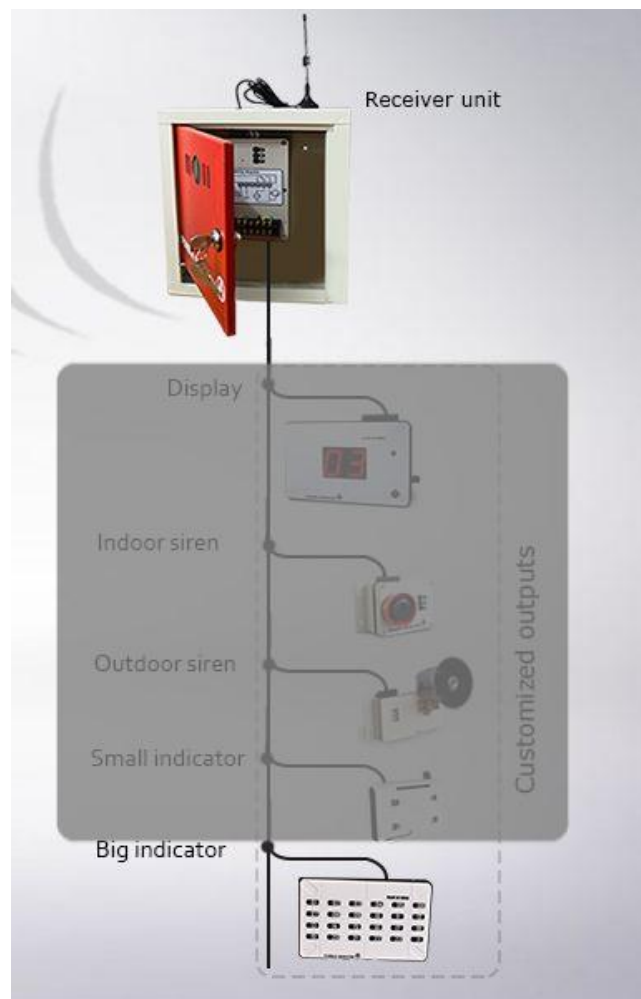
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Receiver model: **FBX7L02S01**  
 Receiver + 7-segment (2-digit) display)  
 + 108 decibel siren



Receiver model: **FBX7I32**  
 Receiver + 32 indicators

**[Note]:** It is not possible to combine indicator and siren in the same receiver

The wire connection between the receiver and the attached units (display, indicators, sirens etc.) should be not more than 8-10 meters

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### Precautions and mounting locations:

- Mounted on the top of door / wall
- Easy mounting with 4 screws to secure it tightly
- IP65 enclosure unit, robust and weatherproof
- For indoor/outdoor purposes
- Keep away from metallic surroundings

### Wall mount calling unit:

- Transmitter enclosure type: IP 65 (color grey)
- Size: 250 x 90 x 45 mm
- Outside body: metal enclosure
- Metallic enclosure unit: :280 x 230 x 75mm
- Metallic enclosure weight: 1500 gms

### Operating voltage:

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.

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### FBX7L02 / FBX7S05M, wireless receiver display / siren

Long range receiver with metallic enclosure (attached to display or siren)

#### Features:

- 1-port long range wireless receiver unit (in metallic enclosure)
- 1 indicator RED light in the front (corresponding to alarm status)
- 1 indicator BLUE SYNC light to check signal reception
- Wired connection to 118 decibel or 108 decibel siren
- Transmitter ON signal triggers alarm ON
- Transmitter OFF signal triggers the alarm
- Long range (1-meter) wire / rubber duck antenna (+3dbi)
- Compatible with high power transmitters FBX7xx series

#### Technical details:

- Receiver sensitivity: – 112 dbm
- Operating frequency: 315 – 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.
- Data packet error correction mechanism: FEC

#### Wiring (diagram coding)

- [A]: Connector point should be connected to display / siren [A]
- [B]: Connector point should be connected to display / siren [B]
- [C]: Connector point should be connected to display / siren [C]
- [D]: Internally connected to [A]
- [E]: Internally connected to [B]
- [F]: Internally connected to [C]

#### Signal reception:

Pressing alarm button on transmitter turns ON the alarm siren. Releasing the alarm button, turns OFF the alarm siren

#### Application and features:

- Panic alarm in buildings (in case of emergency)
- Alarm displays for security / gated community
- Alarms for airports, sea harbors, railways, factories and defence forces