

**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

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 130mm
- 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.

FORBIX SEMICON INDIA PVT. LTD.

Bangalore, India

Website: <https://www.forbixindia.com>

+91 9742159846 / +91 9742370190

FORBIX Osühing,

Tallinn, Estonia

Website: <https://www.forbix.eu>

+372 586 07 111

Email: sales@forbixindia.com

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



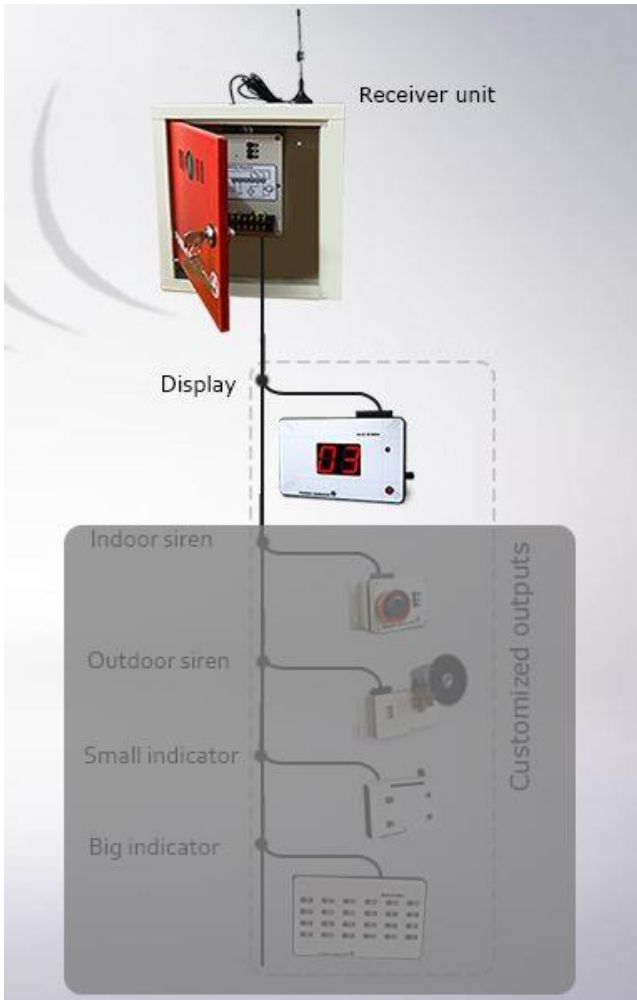
[Enclosure design may vary depending on customized orders and production batches]

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

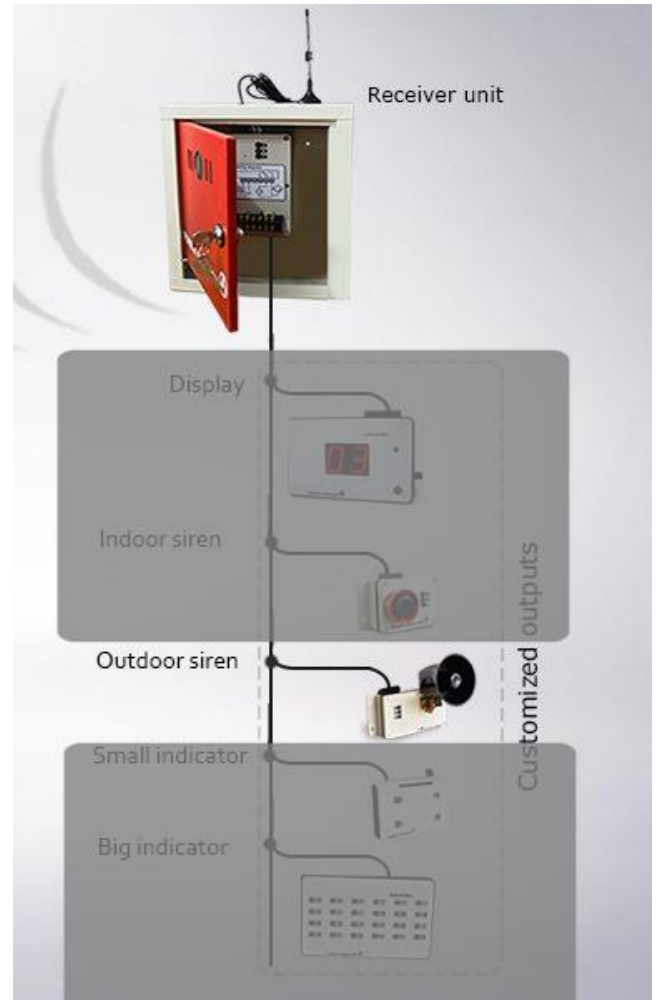
FORBIX Osäuhing,
Tallinn, Estonia
Website: <https://www.forbix.eu>
+372 586 07 111

Email: 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

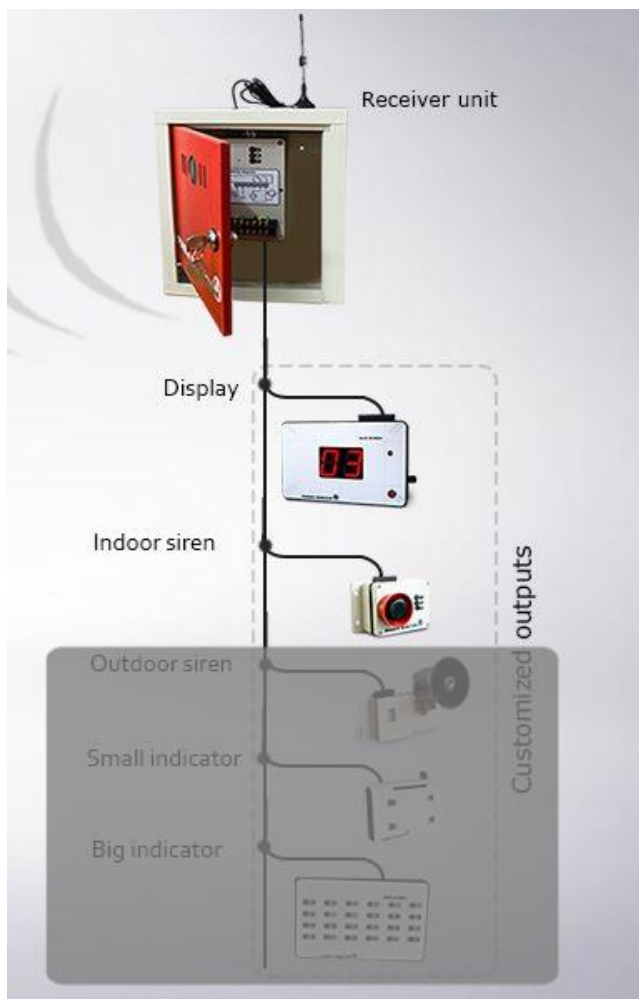
Various other customized models available:

- 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

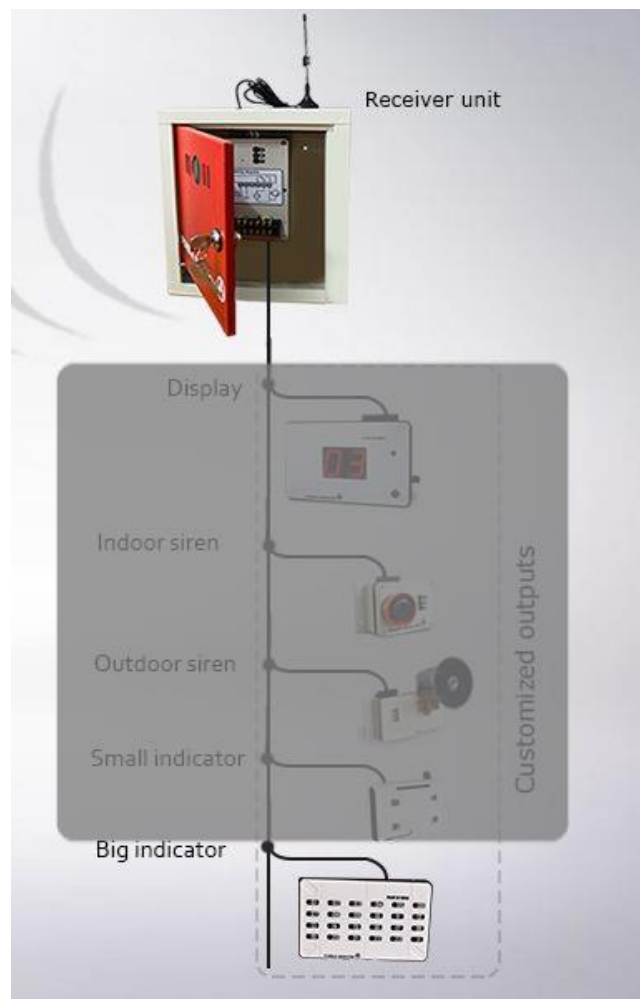
FORBIX SEMICON INDIA PVT. LTD.
Bangalore, India
Website: <https://www.forbixindia.com>
+91 9742159846 / +91 9742370190

FORBIX Osäühing,
Tallinn, Estonia
Website: <https://www.forbix.eu>
+372 586 07 111

Email: sales@forbixindia.com



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

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

FORBIX Osäühing,
Tallinn, Estonia
Website: <https://www.forbix.eu>
+372 586 07 111

Email: sales@forbixindia.com