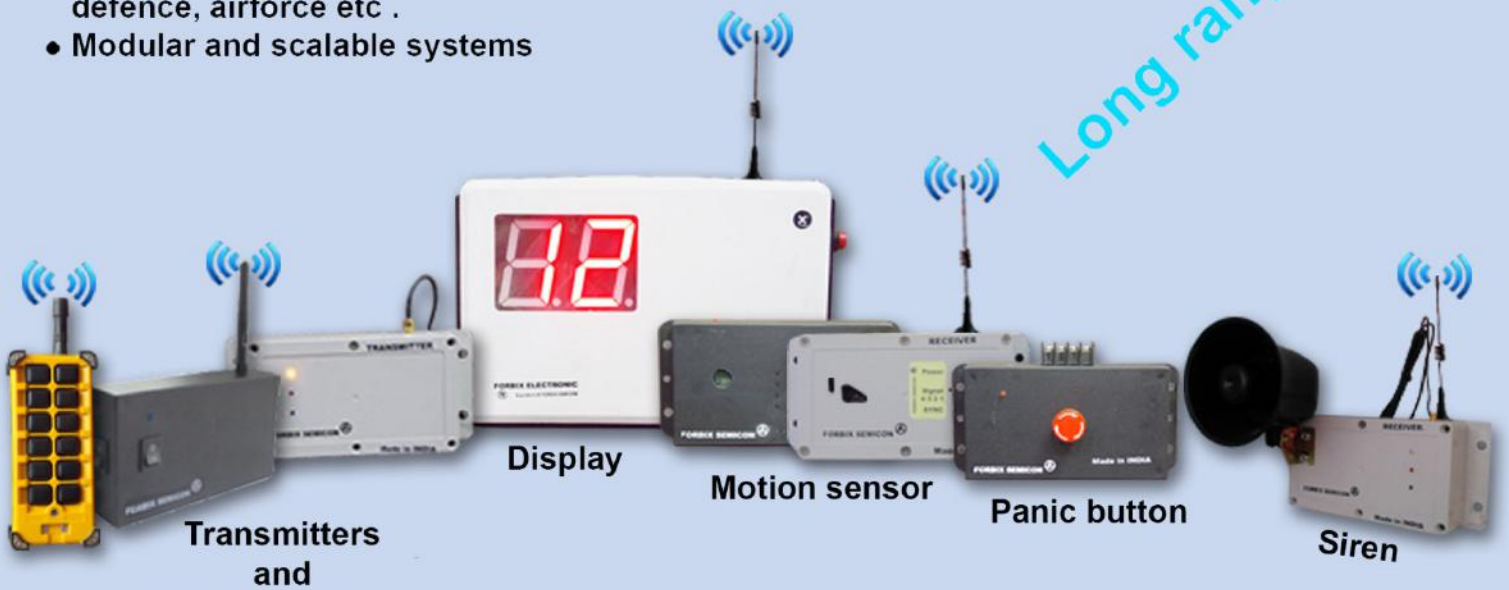
# Wireless alarm systems

**Made in INDIA**

- Long range communication (2-3 kms)
- Transmitter, receiver, panic alarm button, siren, pump controller, digital displays, motion sensor and many more . . .
- No wiring
- No maintainence
- Reliable and robust
- Used by factories, warehouse, industries, defence, airforce etc .
- Modular and scalable systems

Long range alarm




## FORBIX SEMICON

## Wireless alarm system

- Long range alarm system
- Panic alarm system
- Home security system
- Remote control alarm
- Motion sensor wireless alarm
- Wireless siren
- GSM alarm system


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India

## 1

| Product code / Model | Feature | Application |
|---|---|---|
| Automatic mobile dialer (SMS and missed calls)<br><br>**Model: FBXAD01** | Automatic dialer can dial and send missed calls to maximum 5 registered mobile number incase of emergency. This unit can be connected to a wireless sensor network or can be activated using remote controllers as well.<br>Operating voltage:<br>12VDC (adapter operated)<br>Size: 245mm x 165mm x 47mm<br>Weight: 450 gms | GSM auto dialer unit cans send missed calls and SMS to registered phone numbers.<br>Primarily used in security systems, nurse call system code blue, and distress calling systems.<br>Range of communication<br>20-30 meters indoors<br>The automatic dialer can activated using a remote controller or any of the transmitting sensors |



## 2

| Product code / Model | Feature | Application |
|---|---|---|
| Receiver siren alarm unit (108db)<br><br>**Model: FBXS01** | Receiver siren alarm unit<br>Operating voltage:<br>12VDC (adapter operated)<br>Size: 100mm x 85mm x 35mm<br>Weight: 180 gms | Wireless alarm siren that can be activated from any remote controller or wireless sensor unit<br>Multiple remote controllers can activate or deactivate the siren unit from a distant location<br>Noise level ~108 dB.<br>Range of communication<br>20-30 meters indoors<br>Suitable for indoor applications. |




## 3

| Product code / Model | Feature | Application |
|---|---|---|
| Long communication range receiver siren alarm unit (118db)<br><br>**Model: FBXS03** | Receiver siren alarm unit Long range of communication 2-3 Kms 118db sound<br>Operating voltage:<br>12VDC (adapter operated)<br>Size: 175mm x 85mm x 35mm<br>Weight: 550 gms | Wireless alarm siren that can be activated from long range transmitter unit<br>Range of communication 2-3Kms<br>Multiple transmitters can activate or deactivate the siren unit from a distant location<br>Noise level ~118 dB. Suitable semi-outdoor applications. |




## 4

| Product code / Model | Feature | Application |
|---|---|---|
| Long communication range receiver siren alarm unit (108db) IP65 enclosure<br><br>**Model: FBXS04** | LONG RANGE Transmitter Receiver siren alarm unit<br>Operating voltage:<br>12VDC (adapter operated)<br>Grey IP65 weather resistant enclosure<br>Size: 250mm x 90mm x 45mm<br>Weight: 320 gms | Wireless Alarm Siren<br>1 siren receiver can be activated from sensors<br>Siren operates on adapter power supply<br>Noise level ~108 dB<br>Range of communication 2-3 Kms |



## 5

| Product code / Model | Feature | Application |
|---|---|---|
| Long communication range receiver siren alarm unit (118db) IP65 enclosure<br><br>**Model: FBXS05** | LONG RANGE Transmitter<br>Receiver siren alarm unit<br>Operating voltage:<br>12VDC (adapter operated)<br>Grey IP65 weather resistant enclosure<br>Size: 250mm x 90mm x 45mm<br>Weight: 700 gms | Wireless Alarm Siren<br>1 siren receiver can be activated from sensors<br>Siren operates on adapter power supply<br>Noise level ~118 dB<br>Range of communication 2-3 Kms |



## 6

| Product code / Model | Feature | Application |
|---|---|---|
| 2-digit receiver console<br>Long range receiver 2-3Kms<br><br>**Model: FBXCSL02B** | LONG RANGE Transmitter<br>Receiver Console 2 digit display (2.3" x 2 nos)<br>Operating voltage:<br>12VDC (adapter operated)<br>Mute & Cancel button on console<br>Customized voice annunciation<br>Size: 245mm x 165mm x 47mm<br>Weight: 530 gms | 2-digit receiver display, that can show the calling transmitter number whenever panic button is pressed. The numbers remains on the display till panic button is not released.<br>This display helps in identifying which specific transmitter(s) has activated the alarm.<br>Number displayed can be alpha numeric or 00-99. |



## 7

| Product code / Model | Feature | Application |
|---|---|---|
| 3-digit receiver console<br>Long range receiver 2-3Kms<br><br>**Model: FBXCSL03B** | Receiver Console<br>3 digit display (2.3" x 3 nos)<br>Operating voltage:<br>12VDC (adapter operated)<br>Mute & Cancel button on console<br>Customized voice annunciation<br>Size: 245mm x 165mm x 47mm<br>Weight: 600 gms | 3-digit receiver display, that can show the calling transmitter number whenever panic button is pressed. The numbers remains on the display till panic button is not released.<br>This display helps in identifying which specific transmitter(s) has activated the alarm.<br>Number displayed can be alpha numeric or 000-999. |



## 8

| Product code / Model | Feature | Application |
|---|---|---|
| 4-digit receiver console<br>Long range receiver 2-3Kms<br><br>**Model: FBXCSL04B** | Receiver Console<br>4 digit display (2.3" x 4 nos)<br>Operating voltage:<br>12VDC (adapter operated)<br>Mute & Cancel button on console<br>Customized voice annunciation<br>Size: 245mm x 165mm x 47mm<br>Weight: 650 gms | 4-digit receiver display, that can show the calling transmitter number whenever panic button is pressed. The numbers remains on the display till panic button is not released.<br>This display helps in identifying which specific transmitter(s) has activated the alarm.<br>Number displayed can be alpha numeric or 0000-9999. |



**9**

| Product code / Model | Feature | Application |
|---|---|---|
| Microwave motion sensor (wall / ceiling mount)<br>**Model: FBXMS01** | Microwave motion sensor with wireless transmitter Unit can be mounted on the wall / ceiling Motion detection range 10 meters on each direction<br>Signal sending range:<br>20- 50 meter<br>Operating voltage:<br>12VDC (adapter operated)<br>Size: 100mm x 85mm x 35mm<br>Weight: 100 gms | Motion sensor transmitter sends motion detection signals to sirens/alarms/other receiver units, when activated |




**10**

| Product code / Model | Feature | Application |
|---|---|---|
| Microwave motion sensor (wall mount) Elegant looking<br>**Model: FBXMS02** | Microwave motion sensor with wireless transmitter Unit can be hanged on wall or kept on the table Motion detection range 10 meters on each direction<br>Signal sending range:<br>20- 50 meter<br>Operating voltage:<br>12VDC (adapter operated)<br>Size: 160mm x 100mm x 30mm<br>Weight: 150 gms | Motion sensor transmitter sends motion detection signals to sirens/alarms/other receiver units, when activated |




**11**

| Product code / Model | Feature | Application |
|---|---|---|
| Wireless remote crane control system<br>**Model: FBXCC01** | 1 set contains:<br>1 no. of remote controller<br>1 nos. 11 port relay Remote controller 3x1.5VDC (AA) battery operated<br>Receiver 12VDC operated (adapter) Range of communication over 1Km<br>Remote controller size: 160mm x 70mm x 45mm<br>Receiver size: 240mm x 120mm x 65mm | The remote controller and receiver have applications in crane control, gate opening / closing systems, trolley forward reverse movement and many more. The receiver have 1-hot relays (11 ports).<br>Industrial applications for these remote control systems are enormous. |




**12**

| Product code / Model | Feature | Application |
|---|---|---|
| Wireless remote controller with 12 buttons<br>**Model: FBXRC12** | Wireless remote controller 3x1.5VDC (AA) battery operated Hard plastic enclosure for industrial applications Range of communication over 1Km.<br>ON/OFF button to save battery power.<br>Remote controller size: 160mm x 70mm x 45mm | The remote controller and receiver have applications in crane control, gate opening / closing systems, trolley forward reverse movement and many more. The receiver have 1-hot relays (11 ports).<br>Industrial applications for these remote control systems are like pump control, barrier gates and many more |



## 13

| Product code / Model | Feature | Application |
|---|---|---|
| 1 channel Long range transmitter<br>**Model: FBXTX01A** | 1 channel transmitter unit<br>Signal sending range: 2- 3Kms meter<br>Operating voltage: 12VDC (adapter operated)<br>Size: 160mm x 100mm x 30mm<br>Weight: 430 gms | Transmitter can connect to alarm button. On press of the alarm button the transmitter sends a distress signal, with a range of communication of around 2-3Kms. Receivers that far can catch the signals and react accordingly. |




## 14

| Product code / Model | Feature | Application |
|---|---|---|
| 2 channel Long range transmitter<br>**Model: FBXTX02A** | 2 channel transmitter unit<br>Signal sending range: 2-3Kms meter<br>Operating voltage: 12VDC (adapter operated)<br>Size: 160mm x 100mm x 30mm<br>Weight: 430 gms | Transmitter has one +5VDC line output (COM) and 2 input lines (IN1 and IN2). COM wire when connected to IN1 sends ON signal for channel 1 (port1). Similarly IN2 for port2. A change in signal in any / all of the inputs is transmitted for continuous 15 seconds |




## 15

| Product code / Model | Feature | Application |
|---|---|---|
| 8 channel Long range transmitter<br>**Model: FBXTX03A** | 8 channel transmitter unit<br>Signal sending range: 2-3Kms meter<br>Operating voltage: 12VDC (adapter operated)<br>Size: 160mm x 100mm x 30mm<br>Weight: 430 gms | Transmitter has one +5VDC line output (COM) and 2 input lines (IN1, IN2.....and IN4). COM wire when connected to IN1 sends ON signal for channel 1 (port1). Similarly IN4 for port4, and so on.... till port 8 A change in signal in any / all of the inputs is transmitted for continuous 15 seconds |




## 16

| Product code / Model | Feature | Application |
|---|---|---|
| 11 channel Long range transmitter<br>**Model: FBXTX11A** | 11 channel transmitter unit<br>Signal sending range: 2-3Kms meter<br>Operating voltage: 12VDC (adapter operated)<br>Size: 160mm x 100mm x 30mm<br>Weight: 430 gms | Transmitter has one +5VDC line output (COM) and 2 input lines (IN1, IN2.....and IN4). COM wire when connected to IN1 sends ON signal for channel 1 (port1). Similarly IN4 for port4, and so on.... till port 11 A change in signal in any / all of the inputs is transmitted for continuous 15 seconds |



## 17

| Product code / Model | Feature | Application |
|---|---|---|
| 4 channel Long range transmitter<br>**Model: FBXTX04A** | High current capacity contactor point relays to energize 3-ph pump<br>4 channel transmitter unit<br>Signal sending range:<br>2- 3Kms meter<br>Operating voltage:<br>12VDC (adapter operated)<br>Size: 160mm x 100mm x 30mm<br>Weight: 430 gms | Transmitter has one +5VDC line output (COM) and 4 input lines (IN1, IN2, IN3 and IN4). COM wire when connected to IN1 sends ON signal for channel 1 (port1). Similarly IN2 for port2, IN3 for port3 and IN4 for port4. A change in signal in any / all of the inputs is transmitted for continuous 15 seconds |




## 18

| Product code / Model | Feature | Application |
|---|---|---|
| 1 channel transmitter battery operated<br>**Model: FBXWTX01B** | 1 channel battery operated transmitter unit<br>Signal sending range:<br>2- 3Kms meter Operating voltage: 4.5VDC(3x1.5VDC AAA Batteries)<br>Size: 100mm x 85mm x 30mm<br>Weight: 220 gms | Hand held single channel remote controller to switch signal to long distances like 2-3Kms for pump / alarm control etc. |



## 19

| Product code / Model | Feature | Application |
|---|---|---|
| 1 channel single port receiver (5Amps relay output)<br>**Model: FBXRX01R** | 1 channel receiver relay unit<br>1 port relay output (5Amps@220VDC)<br>Signal sensitivity -148db<br>Operating voltage:<br>12VDC (adapter operated)<br>Size: 250mm x 90mm x 45mm<br>Weight: 430 gms | The receiver has a wide range of applications, for industrial and commercial purpose. The potential free relay contact point can connect sirens / alarms / hooters / lights etc. It can also be used to energize high capacity pumps or even DOL starters |




## 20

| Product code / Model | Feature | Application |
|---|---|---|
| 2 channel single port receiver (5Amps relay output)<br>**Model: FBXRX02R** | 2 channel receiver relay unit<br>2 port relay output (5Amps@220VDC)<br>Signal sensitivity -148db<br>Operating voltage:<br>12VDC (adapter operated)<br>Size: 250mm x 90mm x 45mm<br>Weight: 430 gms | The receiver has a wide range of applications, for industrial and commercial purpose. The potential free relay contact point can connect sirens / alarms / hooters / lights etc. It can also be used to energize high capacity pumps or even DOL starters |



## 21

| Product code / Model | Feature | Application |
|---|---|---|
| 4 channel relay receiver (5Amps relay output)<br>**Model: FBXRX04R** | 4 channel receiver relay unit<br>4 port relay output (5Amps@220VDC)<br>Signal sensitivity -148db<br>Operating voltage: 12VDC (adapter operated)<br>Size: 240mm x 120mm x 65mm<br>Weight: 680 gms | The receiver has a wide range of applications, for industrial and commercial purpose. The potential free relay contact point can connect sirens / alarms / hooters / lights etc. It can also be used to energize high capacity pumps or even DOL starters |



## 22

| Product code / Model | Feature | Application |
|---|---|---|
| 4 channel receiver indicator<br>**Model: FBXRX04L** | Receiver with 4 indicators to show which corresponding transmitter is blowing the alarm<br>Signal sensitivity -148db<br>Operating voltage: 12VDC (adapter operated)<br>Size: 250mm x 90mm x 45mm<br>Weight: 430 gms | Receiver indicator unit an be placed in a centralized location to track the corresponding transmitter number.<br>Maximum 4 transmitter indications can be shown per receiver |



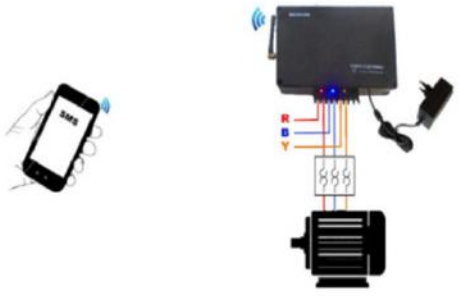

## 23

| Product code / Model | Feature | Application |
|---|---|---|
| Mobile (GSM) message (SMS) operated 1-phase pump controller No limitation for range of communication, SIM card operated<br>**Model: FBXMC02** | Wireless pump controller<br>Mobile SMS operated pumps ON/OFF 5Amps output @ 220VAC-50Hz (up to 1KW of load)<br>Manual overide on receiver unit<br>Size: 250mm x 90mm x 45mm<br>Weight: 430 gms | This unit is best suited for irrigational purposes, where the pump set needs to be switched ON/OFF from a remote location.<br>Manual override is also possible |




## 24

| Product code / Model | Feature | Application |
|---|---|---|
| Mobile (GSM) message (SMS) operated 3-phase pump controller<br>**Model: FBXMC03** | Wireless pump controller<br>Mobile SMS operated pumps ON/OFF 20Amps relay per phase (for 3 phases)<br>Unless all the 3 phases are ON the pump will not start<br>Manual override on receiver unit<br>Size: 240mm x 120mm x 65mm<br>Weight: 900 gms | Suitable for remote 3 phase motor pump ON/OFF from a remote location, over SMS.<br>User can know the status of the pump/motor and if the motor is OFF, the reason for the same |



## 25

| Product code / Model | Feature | Application |
|---|---|---|
| Wireless window blind controller<br>**Model: FBXMC04** | Top button forward, bottom reverse and center button for stop/halt.<br>Receiver unit can drive 12V DC motor directly.<br>Operating voltage: 12VDC (adapter operated)<br>Size: 100mm x 85mm x 35mm<br>Weight: 100 gms | This set is used for window blind up/down control. Directly drives 12V DC motor for forward and reverse movement. |




## 26

| Product code / Model | Feature | Application |
|---|---|---|
| Wireless window blind controller<br>**Model: FBXMC04** | Potential free contact and display indicator when button is pressed<br>Size: 100mm x 85mm x 35mm<br>Weight: 100 gms | 1 port relay receiver that can take load of upto 5Amps/110-220VAC. The unit can be used to activate lights / sirens / alarms / or even high power transmitters |




## 27

| Product code / Model | Feature | Application |
|---|---|---|
| Alarm push button (Industrial grade), lock type mechanism<br>**Model: FBXB01A** | Potential free contact and display indicator when button is pressed<br>Size: 175mm x 85mm x 35mm<br>Weight: 100 gms | Alarm push button with lock type mechanism.<br>Industrial type (heavy duty)<br>Signal connectivity to transmitter unit for alarm, siren, motor, pump, ON/OFF |




## 28

| Product code / Model | Feature | Application |
|---|---|---|
| Alarm 2 - push button (Industrial grade), lock type mechanism<br>**Model: FBXB02A** | Potential free contact and display indicator when button is pressed<br>Size: 175mm x 85mm x 35mm<br>Weight: 100 gms | Alarm push button with lock type mechanism.<br>Industrial type (heavy duty)<br>Signal connectivity to transmitter unit for alarm, siren, motor, pump, ON/OFF |



## 29

| Product code / Model | Feature | Application |
|---|---|---|
| ON/OFF button switch 6 buttons<br>**Model: FBXB06B** | 6 Potential free contact and display indicator when button is pressed<br>Size: 175mm x 85mm x 35mm<br>Weight: 125 gms | On/Off switch button to activate transmitters<br>Signal connectivity to transmitter unit for alarm, siren, motor, pump, ON/OFF |




## 30

| Product code / Model | Feature | Application |
|---|---|---|
| ON/OFF button switch 6 buttons<br>**Model: FBXB012B** | 12 Potential free contact and display indicator when button is pressed<br>Size: 175mm x 85mm x 35mm<br>Weight: 125 gms | On/Off switch button to activate transmitters<br>Signal connectivity to transmitter unit for alarm, siren, motor, pump, ON/OFF |




## 31

| Product code / Model | Feature | Application |
|---|---|---|
| Alarm push button (bounce back mechanism)<br>**Model: FBXB011C** | Potential free contact and 1 power<br>Size: 175mm x 85mm x 35mm<br>Weight: 125 gms | Alarm push button with bounce back type mechanism.<br>Signal connectivity to transmitter unit for alarm, siren, motor, pump, ON/OFF |



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