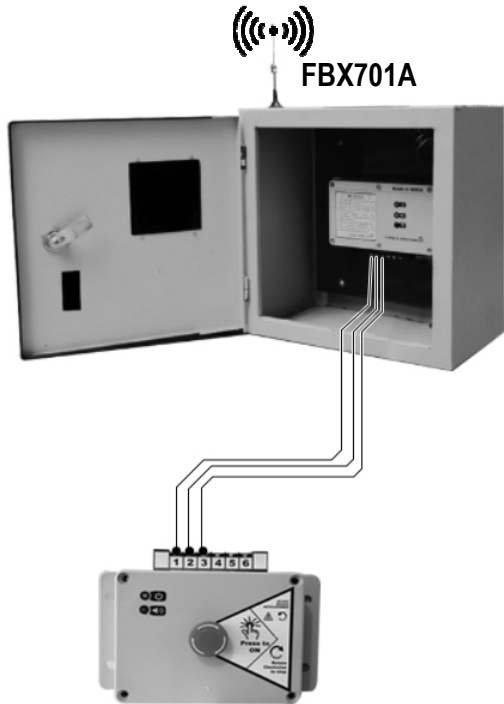


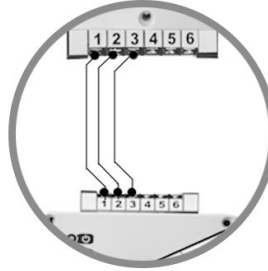
FBX701A + FBXB01C : Wiring diagram

Technical specification



FBXB01C

Step 1



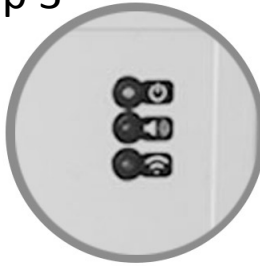
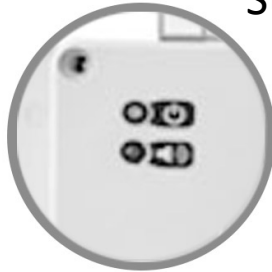
Make wire connections as shown

Step 2



Connect adaptor to 110-220 VAC power supply

Step 3



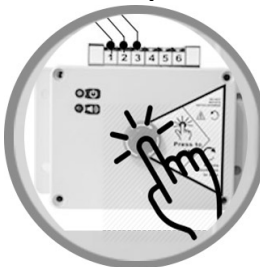
On transmitter box:

Power (top) GREEN LED glows
 Button (middle) RED LED is off
 SYNC (bottom) LED blinks for 20sec
 [this transmits ALERT-OFF signal]

On panic alarm button box:

Power (top) GREEN LED glows
 Button (middle) RED LED is off
 SYNC (bottom) LED BLINKS FOR 20SEC

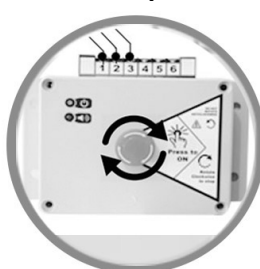
Step 4



PRESS panic alarm button:

(middle) RED LED is ON for both panic alarm button and transmitter unit
 SYNC (bottom) LED blinks for 20sec
 [this transmits ALERT-ON signal for 20 sec]

Step 5



RELEASE panic alarm button:

By turning the push button clockwise
 (middle) RED LED is OFF for both panic alarm button and transmitter unit
 SYNC (bottom) LED blinks for 20sec
 [this transmits ALERT-OFF signal]

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FBXTX701A : Wireless long range transmitter

Technical specification



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 purpose use only
- Keep away from metallic enclosures

Wall mount calling unit:

Enclosure type: IP 65 (color grey)
Size: 190 x 90 x 55 mm
Weight: 350gms

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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FBXTX701A

Long range 1-channel signal transmitter (wall mounted)

Features:

- Single channel long range transmitter (2-3Kms range)
- Can be triggered by panic button or external devices
- Pin 1 and 2 connected: Transmitter sends ON signal
- Pin 1 and 2 disconnected: Transmitter sends OFF signal
- Pin 4 and 5 is internally connected to pin 1 and 2 respectively
The pin connections can be done with an external potential free contactor or panic button
- Pin 3 and 6 is the ground terminal to glow indicators in panic alarm button box
- ON/OFF signals transmits for 10-20 seconds, (depending on the application). SYNC indicator blinks for every transmission packet
- For FBXTX701A transmitter, signal 1 and signal 2 pins are internally connected to each other.(since it is a signal channel transmitter). FBX702A transmitters have independent signal pins

Technical details:

- Transmitter with external PA +28dbm
- 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) and other equivalents in sub-GHz freq.
- Modulation: GFSK
- Data packet error correction mechanism: FEC

Wiring (color coding)

- [1]: channel 1 signal 1 output
- [2] : channel 1 loop signal
- [3] GND: return path for signal 1 indicator
- [4]: internally connected to 1
- [5] : internally connected to pin 2
- [6] GND

Signal transmissions:

Any change in the input status of PIN [2] or [5] will cause the transmission

Application and features:

- Motor pump controllers
- Conveyor belts ON/OFF switch
- Panic alarm in buildings (in case of emergency)

FBXB01C : Wireless Panic alarm button

Technical specification



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 purpose use only
- Keep away from metallic enclosures

Wall mount calling unit:

Size: 150 x 90 x 55 mm

Weight: 200gms

Model: FBXB01C

Panic alarm button box (latch type)

Features:

- The button box contains a potential free contactor point push button
- It serves as a loopback input mechanism for the transmitter unit
- Power indicator, button press indicator, signal transmission indicator

Signal transmissions:

- 1: signal from transmitter
- 2: loopback signal to transmitter
- 3: (GND) ground terminal
- 4: internally connected to pin 1
- 5: internally connected to pin 2
- 6: (GND) ground terminal

- Press button to activate
- Rotate CLOCKWISE to release the alarm

Application and features:

- Panic alarm in buildings (in case of emergency)
- Motor pump controllers
- Conveyer belts ON/OFF switch
- Wall mount panic button triggers the transmitter and eventually activates a siren alarm at a distant location. The push button alarm connects to a transmitter with a wire cable. The length of the cable should be not more than 8-10 meters

WARNING

**DO NOT ROTATE THE KNOB ANTICLOCKWISE
THIS WILL PERMANENTLY DAMAGE THE BUTTON**

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