



3 port transmitter receiver

(Range 100-150 meters outdoors)

Transmitter: FBX3T

Receiver: FBX3R05

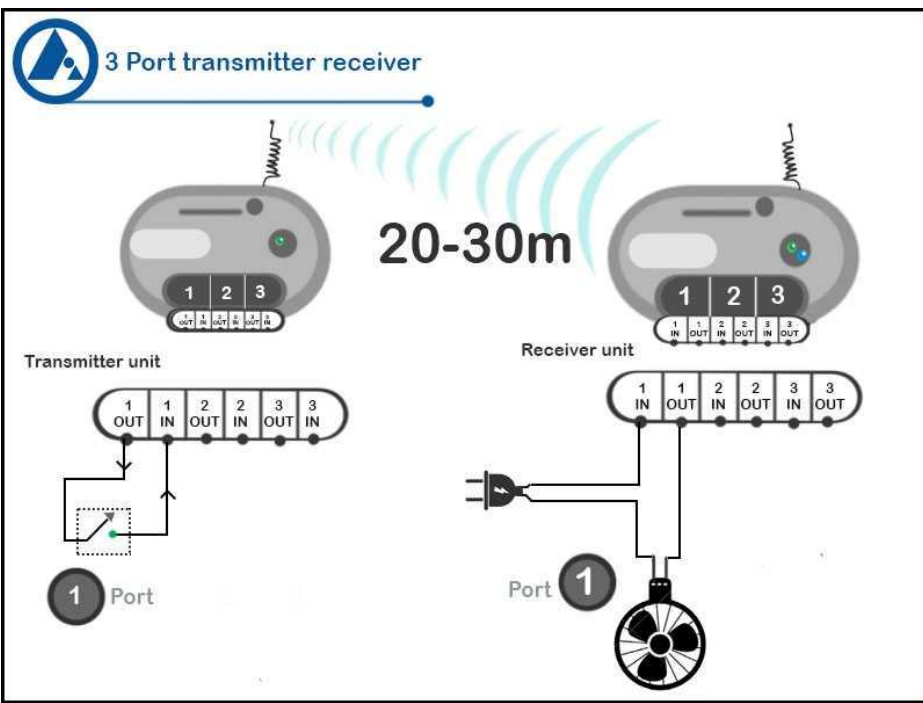
(Range 300-800 meters outdoors)

Transmitter: FBX3T6

Receiver: FBX3R605

Transmitter: 3 port loopback input (signal runs on loopback wire)

Receiver: 3 port potential free contact point output port



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

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

Email: sales@forbixindia.com

FBX3T-FBX3R05: Wireless transmitter receiver 3 port

Technical specification



Model: FBX3T

Wireless 3 channel transmitter

Features:

- 3 inputs at the transmitter
- Corresponding RED light indicator for every input port
- **Momentary** signal loopback to trigger receiver
- Loopback ports carries pulsing signals
- Continuous connection of the loopback pin to the input pin causes toggling at the receiver ports

Technical details:

- Transmitter PA +10dbm
- Operating frequency: 315 – 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

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

RF antenna:

PCB trace antenna / wire coil antenna / metal antenna (depends on environment necessity)

Application and features:

- Industrial machine switching application
- Transmitter can be connected to switch / panic button / PLC etc
- General purpose transmitter
- Alerts building security or maintenance staff in case of emergency from anywhere inside the building
- Mounted on the top of door of hospital wards / office / patient rooms / guest house rooms / hotel suites etc.

Range of communication:

- 40 – 60 meters indoors
- 100 – 150 meters outdoors (line of sight)

6xx series transmitter and receivers have a range of 300-800 meters outdoor (line of sight)

Precautions and mounting locations:

- Transmitters mounted on the top of door / wall
- Easy mounting of remote jacket with 2 screws
- For indoor outdoor purpose use only
- Keep away from metallic enclosures
- Receiver unit can mount on the wall

Enclosure:

Transmitter enclosure type: IP 65 (color grey)

Size: 250 x 90 x 45 mm

Weight: 350gms

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

FBX3T-FBX3R05: Wireless transmitter receiver 3 port

Technical specification



Model: FBX3R05

Wireless 3 port relay receiver

Features:

- 3 port potential free relay receiver
- 1 indicator RED light for each corresponding relay output
- 1 indicator BLUE SYNC light to check signal reception
- Output of COM (common) and NO (Normally Open) at the port output for each relay

Technical details:

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.

Receiver sensitivity: – 112 dbm

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

Signal transmissions:

Make sure to press transmitter panic button for at least 2-3 seconds for reliable transmission. This increases the range of communication

Application and features:

- Receiver can connect to rotors / motors / electrical switch
- Residential signal switching for lights, curtains, gates, LPG gas pipe and many more similar applications
- Alerts building security or maintenance staff in case of emergency from anywhere inside the building
- Mounted on the top of door of hospital wards / office / patient rooms / guest house rooms / hotel suites etc.

Range of communication:

- 40 – 60 meters indoors
- 100 – 150 meters outdoors (line of sight)

6xx series transmitter and receivers have a range of 300-800 meters outdoor (line of sight)

Precautions and mounting locations:

- Remotes mounted on the top of door / wall
- Easy mounting of remote jacket with 2 screws
- For indoor outdoor purpose use only
- Keep away from metallic enclosures
- Do not connect the battery in opposite direction
- Receiver unit can mount on the wall

Wireless 3 port relay receiver

Enclosure type: IP 65 (color grey)

Size: 150 x 90 x 55 mm

Weight: 230 gms

FORBIX SEMICON INDIA PVT. LTD.

Bangalore, India

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

+91 9742370190 / +91 9742159846

FORBIX Osühing,

Tallinn, Estonia

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

+372 880 1510

Email: sales@forbixindia.com