FBXRM01/ 02 / 03 / 04: Room module indicator
Technical specification

FORBIX SEMICON™

FBXRM03

FBXRM01

FBXRM02

FBXRM03

FBXRM04

Precautions and mounting locations:
Mounted on the top of door / wall
- Easy mounting with 2 screws to hang the unit on wall
- For indoor purpose use only
- Keep away from metallic enclosures

Room module unit
Receiver indicator Size: 160 x 100 x 35 mm
Weight: 230 gms

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FORBIX SEMICON™

Model: FBXRM01, FBXRM02, FBXRM03, FBXRM04

Room module indicator

Features:
- Set of 4 indicator lights for 1 calling point
- RM01 – 1 set of light (BLUE)
- RM02 – 2 set of lights (BLUE + RED)
- RM03 – 3 set of lights (BLUE + RED + YELLOW)
- RM04 – 4 set of lights (BLUE + RED + YELLOW + GREEN)
- Buzzer sound
- Starts buzzing and indicating on press of CALL button
- Stops the indicator on press of CANCEL button

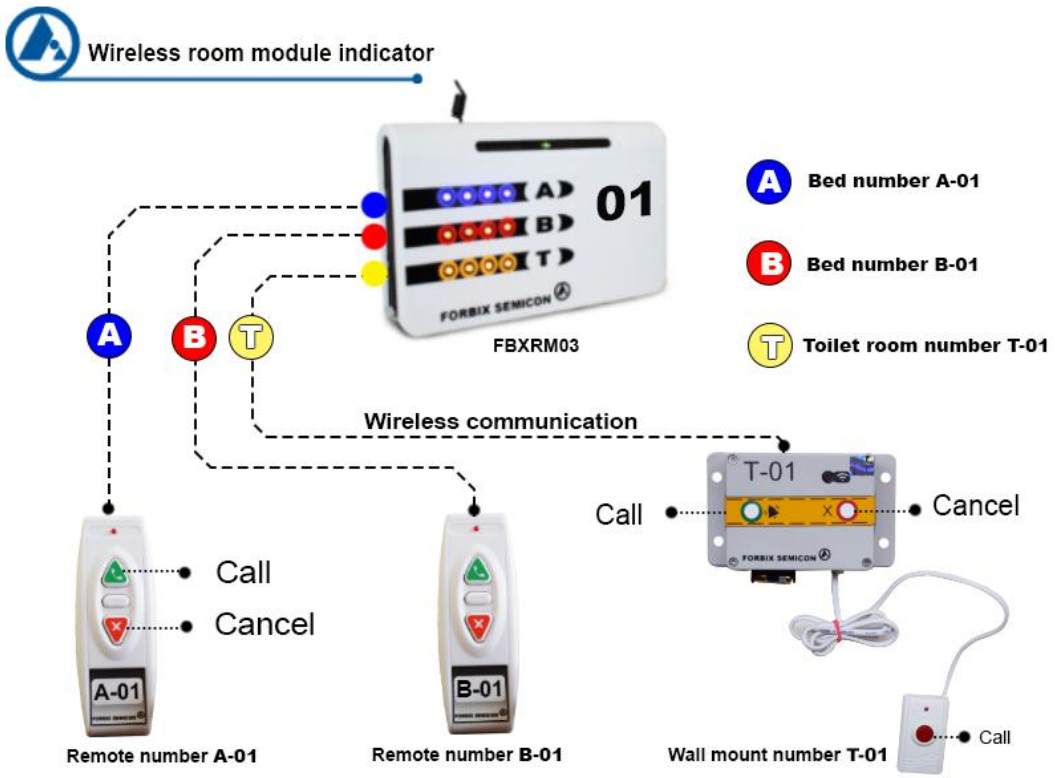
Indicator light:
Mounted on the top of door of hospital wards / office / patient rooms / guest house rooms / hotel suites etc.
RED indicator lights along with buzzing sound to indicate a call from the room inside
1 light corresponding to each bed OR
1 light corresponding to toilet / washroom
1 light for each manager etc.

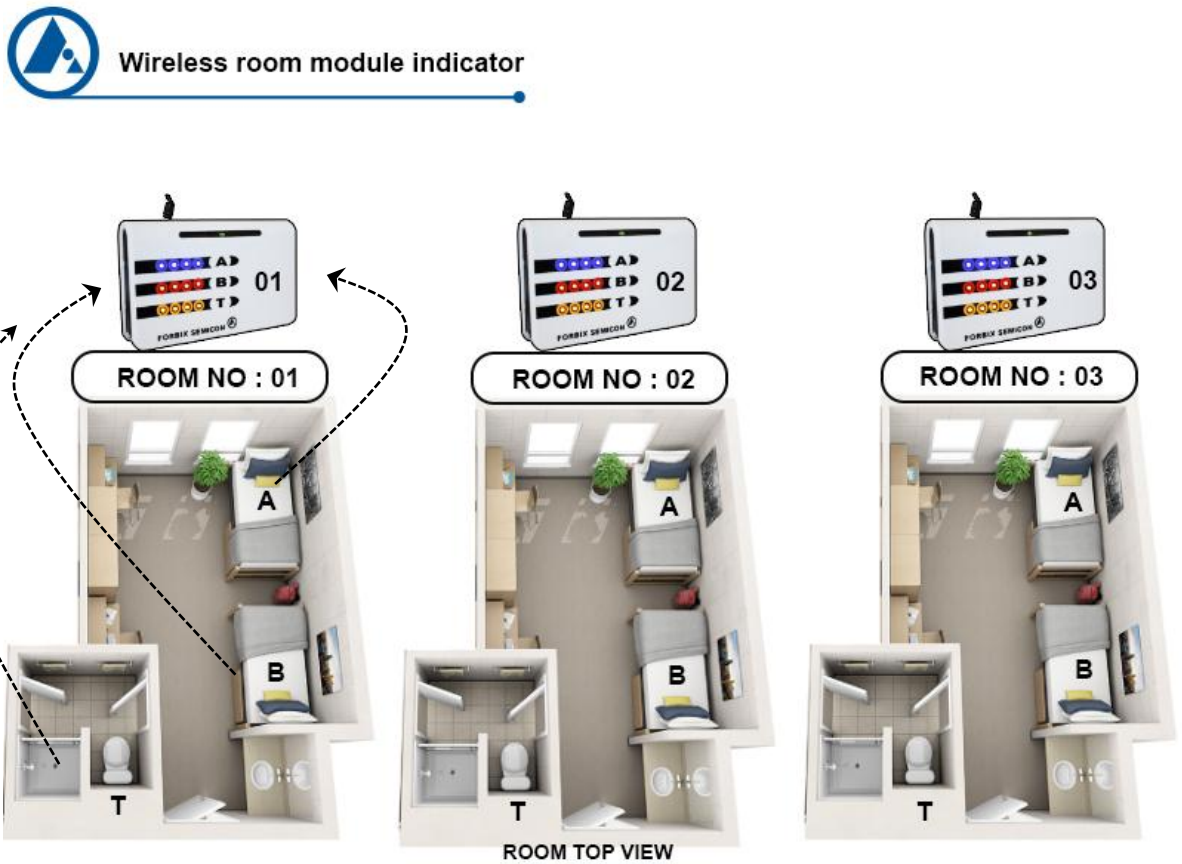
Operating voltage:
110-220VAC/50-60Hz to 12VDC converter adapter supplied.
Unit can also be plugged to any 12V external battery. Active working hours depends on the battery power

Technical details :
- Receiver sensitivity: -112dbm
- 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) sub-GHz frequency
- Data packet error correction mechanism: FEC

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

Application and features:
- Nurse call system for hospitals: remote with patients
- Call button in washrooms, kitchens, emergency rooms
- OPD token system for dispensaries: remote with doctors
- Office peon calling system: remote with clerk / manager
- Guest house attendant call unit: remote with customers in room


Wireless room module indicator
A
B
T
01
FORBIX SEMICON
FBXRM03
Bed number A-01
Bed number B-01
Toilet room number T-01
Wireless communication
T-01
Call
Cancel
Call
Cancel
A-01
B-01
Call
Remote number A-01
Remote number B-01
Wall mount number T-01


Wireless room module indicator
01
02
03
ROOM NO : 01
ROOM NO : 02
ROOM NO : 03
A
B
T
ROOM TOP VIEW