Precautions and mounting locations:
• Remotes can be hand operated or mounted on the a door / wall / bed / table or any flat surface
• Easy mounting of remote jacket with 2 screws
• Designed for indoor purpose use only
• Keep away from metallic enclosures
• In the remote controllers, do not connect the battery in opposite direction
• Receiver unit can mount on the wall on keyholes or placed on a flat surface

Physical dimension
Receiver indicator Size: 240 x 165 x 45 mm
Weight: 320 gms
Remote controller size:120 x 40 x 20 mm
Remote controller weight: 45 gms

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FORBIX SEMICON ®

Model: FBXSB20

Wireless Siren Alarm with Indicators

Features:
• Supports 1-20 wireless remote controllers
• Signal range 20-30 meters indoors
• Outdoors range 100-200 meters
• 108db loud siren (audible to 200m distance)
• Metal antenna to enhance the range of communication
• Receiver has
○ **Siren sound** around ~108 decibel
○ **Indicator display** to show the calling remote button

• Remote has 1 red light indicator to indicate button press
• Remote control has 3 buttons
○ **TOP** button: siren continuously ON
○ **BOTTOM** button: siren OFF
○ **CENTER** button to momentarily turn ON the siren

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
Remote battery:
Battery model: 23A 12 Volt (DC battery)
Battery life: 2-3 years (depending on usage), Alkaline dry
Battery replaceable, non-rechargeable

Signal transmissions:
Make sure to press a button for at least 2-3 seconds for reliable transmission. This increases the range of communication

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