

FBXTFT01: Supports up to 100 wireless remotes

Technical specification



Model: FBXTFT01

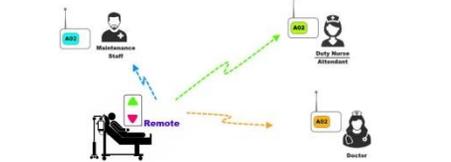
Supports up to 100 wireless remotes

Features:

- Receiver indicator with TFT display
- At any given time shows 5 calling remote numbers
- Possible to configure alpha-numeric numbers, like A01, F234 etc.
- Press TOP button on the remote to trigger the call
- Remote BOTTOM button: to cancel the siren call
- Inbuilt buzzing sound (to alert): loudness: 85 decibels

TFT display receiver:

Tabletop or mounted on the top of door of hospital wards / office / patient rooms / guest house rooms / hotel suites etc.



Technical details:

- Remote control transmitter PA +10dbm
- Receiver indicator 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

Operating voltage:

Receiver indicator:

110-220VAC/50-60Hz to 12VDC converter adapter (supplied)
Users can also plug to any 12V external battery. Active working hours depends on the battery power

Remote controller:

Battery model: 23A / 12 Volt (DC battery)
Battery life: 2-3 years. Battery type: Alkaline (dry).
Battery replaceable: Yes. Battery rechargeable: No
Battery mounting: Back cover
Battery life: 3-4years, depending on the usage

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
- Steam bath sauna rooms / spas / restaurants etc.
- 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
- Office peon calling, school peon calling system

Range of communication:

- 20-30 meters indoors (depending on environmental condition)
 - 100-150 meters outdoors (in open line of sight)
- Pressing the button for at least 2-3 seconds improves the range of communication

Precautions and mounting locations:

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

Wireless peon calling system:

Receiver indicator Size: 160 x 100 x 35 mm
Weight: 230 gms
Remote controller size: 120 x 40 x 20 mm
Remote controller weight: 45 gms

FORBIX SEMICON TECHNOLOGIES PVT. LTD.

Bangalore, India

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

+91 9742370190 / +91 9742159846

FORBIX Osäuhing,

Tallinn, Estonia

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

+372 586 07 111

Email: sales@forbixindia.com