

FBXTD02A: 2 digit display counter system

Technical specification



Display numbers:

00, 01, 02, 03, 99, 00, 01
(wraps back to from 99 to 00)

Range of communication:

- 20 – 30 meters indoors
- 100 – 120 meters outdoors (line of sight)

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
- Receiver can even simply kept on the table

Receiver console station

Receiver console size: 240 x 165 x 45 mm
Display (each unit size) 48 x 65 mm
Weight: 450-580 gms (2 – 4 digits)
Remote controller size:120 x 40 x 20 mm
Remote controller weight: 45 gms

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Model: FBXTD02A

2 digit token display counter system

Features:

- Pressing remote control will increment / decrement the numbers, one by one
- Press TOP **GREEN** button (on remote) to increment number
- Press BOTTOM **RED** button (on remote) to decrement
- RED bottom button (on console) to **RESET** display
- Display self-check at power up

- **4x1.5VDC AA battery for internal counter backup in an event of power failure (the backup is for a 2-3 of hours time only)**

- **During this time, the display will be OFF**

- **When main power resumes the recent number is automatically restored**

Technical details:

Operating frequency: 380 – 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: (12V)

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

Receiver console

- 12 Volt DC (110-220VAC/50-60Hz) adapter supplied

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:

- Nurse call system for hospitals: remote with patients
- 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