Specifications

General	
Frequency Range	UHF：350-390MHz/400-480MHz/450-520MHz
Channel Capacity	32
Zones	2
Channel Spacing	12.5KHz/25KHz
Working Voltage	DC3.7V(±20%)
Frequency Stability	±1.5ppm
Antenna Impedance	50Ω
Battery Average Working Time (5/5/90)	Digital 19 hours; Analog 13 hours
Battery Capacity	Real 2200mAh (Li-ion Battery)
Weight	220g (including battery pack)
Dimensions	59*41*103mm（L/W/H）
Transmitter	
Power Output	3W
4FSK Modulation	12.5KHz data only: 7K60FXD 12.5KHz data and voice: 7K60FXE
FM Modulation	12.5 KHz: 7K60FXD；
Modulation Limitation	+/-2.5KHz @12.5KHz +/-5KHz @25KHz
FM Noise	-40dB
Spurious Emission	-36 dBm≤1GHz -30 dBm≥1GHz
Adjacent Channel Power	≤-60dB
Frequency Response	+1/-3 dB
Audio Distortion	＜3%
Vocoder	AMBE+2™
Receiver	
Digital Sensitivity	5% BER： 0.25 uV
Analog Sensitivity	0.25 uV (12 dB SINAD)
Intermodulation	60dB
Adjacent Channel Selectivity	60 dB
Spurious Response Rejection	70 dB
FM Noise	-40dB
Frequency Response	+1/-3 dB
Audio Power	1W
Audio Distortion	＜3%
Conduction Radiation	-57dBm
Environmental Specifications	
Working Temperature	-20℃-+60℃
Storage Temperature	-30℃- +70℃
Water Proof	IP54

BelFone reserves the right to change or update the specifications without any prior notice. For more information please visit www.belfone.com

BelFone
Communications for Effciency and Safety

Fujian BelFone Communications Technology Co., Ltd.
Add: A15,Huaqiao Economic Development Zone, Shuangyang, Luojiang, Quanzhou,Fujian,China 36200
Tel: +86 595 28396717
Fax: +86 595 22771635
Email: overseas@belfone.com
Website: www.belfone.com

To order in your local place, please contact:

BF-TD300

DMR Portable

BF-TD300 is a cost-effective migration radio with reliable performance. It incorporates the conventional analog features with digital advantages, like a loud and clear audio experience, a long standby time, great anti-interference ability, etc. BF-TD300 is also compatible with Kenwood analog audio accessories. In a word, you get a digital two-way radio at an analog price.

Digital/Analog Dual Modes--Smooth Transition

FEC& AMBE+2™ Vocoder-- Clear Audio

Compatible with Kenwood Accessories--More Convenience

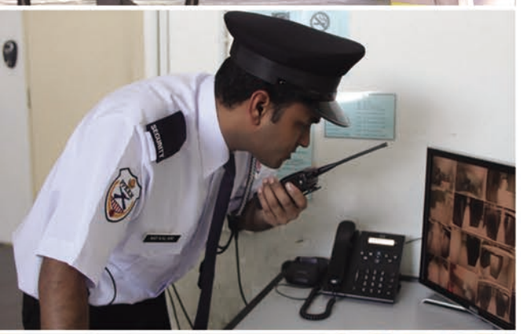
A Long Battery Life--More Stability

www.belfone.com

BelFone

BF-TD300

Commercial DMR Radios



Highlights

Digital/Analog Dual Modes

BF-TD300 gives you a smooth transition from the analog world to the digital.

A Longer Battery Life

BF-TD300 can function for longer than any conventional analog radios, meeting the battery needs of a long-day operation.

Small Size and Light Weight

BF-TD300 is small enough to be held comfortably in your hand and light enough not to be a burden.

Excellent Audio Quality

The FEC technology and AMBE+2™ vocoder deliver a clear and crisp audio.

Private Call, Group Call And All Call (programmable)

The versatile calling functions bring more efficiency to your teamwork.

Scan/ Monitor (Programmable)

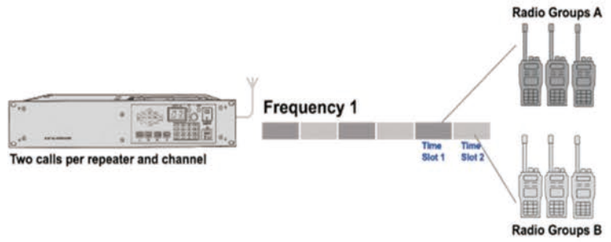
At a convenient push of a button you can monitor all the conversations on your channel or you can scan conversations on different channels.

Compatible with Kenwood Audio Accessories

BF-TD300 is compatible with Kenwood audio accessories. So, if you already have a Kenwood analog earpiece or microphone, you can pair them with BelFone BF-TD300 and go hand-free.

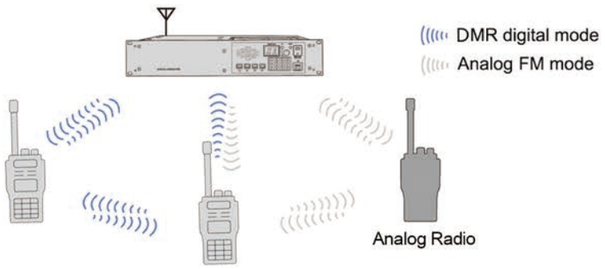
TDMA 2-Slot

In repeater mode this radio supports two voice calls simultaneously due to DMR two timeslots, which means two communication paths at 1 frequency with no extra costs or frequency license.



Digital/Analog Mixed Mode

Receive both analog and digital signals on a single channel and can automatically switch into the needed mode for efficient communications.



Standard Accessories

Battery | Belt Clip | Hand Strap | Stubby Antenna | Charger

Optional Accessories

Programming Cable | Earpiece | Whip Antenna | Remote Speaker