

## 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 μV
Analog Sensitivity	0.25 μV (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](http://www.belfone.com)



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## BF-TD300 DMR 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



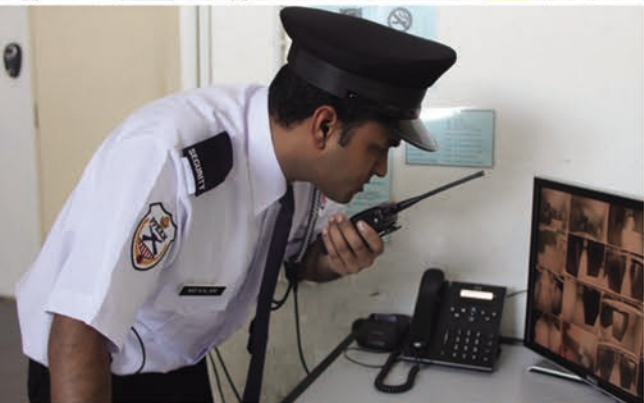
[www.belfone.com](http://www.belfone.com)





# 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)

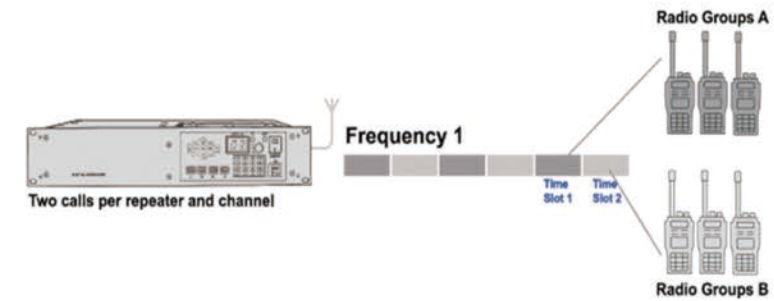
At a convenient push of a button you can monitor all the conversations on your channel or you can scan conversations on different channels.

### 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.

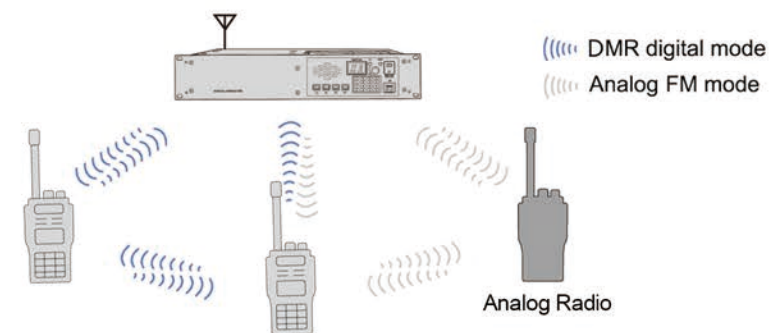
## TDMA 2-Slot

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



## Optional Accessories

