Specifications

General	
Frequency Range	VHF:136-174MHz;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
Weight	182g (including battery pack)
Battery Capacity	Real 1600mAh (Li-ion Battery)
Dimensions	54*30*101mm（L/W/H）
Transmitter	
Power Output	H:3W / L:1W
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℃-+85℃
Water Proof	

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

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To order in your local place, please contact:

BF-TD371

DMR Portable

BF-TD371 is a digital migration radio with low output power but amazing performance, making it an ideal solution for indoor users who want to go digital. The communication range is further extended by its excellent receiving ability. And its digital mode delivers a consistently clear human voice without any background noise, even at a long distance. This is a new experience of better audio quality. Moreover, our BF-TD371 is a radio with a long battery life which supports charging through a USD cable.

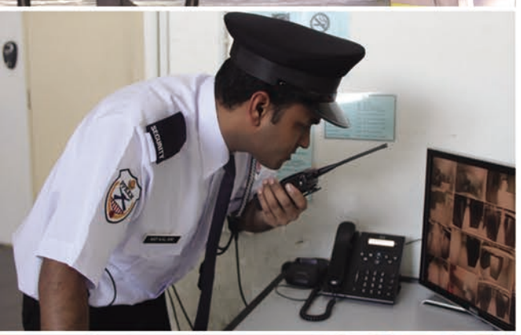
- Digital/analog Dual Modes--Smooth Transition
- FEC& AMBE+2TM Vocoder-- Clear Audio
- Long Battery Life& USB Charging--More Convenience
- DMR 2 Timeslots--Better Frequency Efficiency

www.belfone.com

BelFone

BF-TD371

Commercial DMR Radios



Highlights

Digital/analog Dual Modes

BF-TD371 gives you a smooth transition from the analog world to the digital.

A Longer Battery Life

BF-TD371 can function for longer than any conventional analog radios (digital 19hours; analog 14 hours)

Small Size and Light Weight

BF-TD371 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)

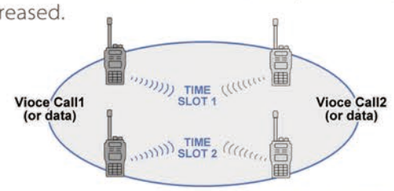
At a convenient push of a button you can monitor all the conversations on your channel or you can scan conversations on different channels.

Radio Priority-Based Interruption

This function enables a radio with higher level to interrupt communications between radios with lower levels, giving higher priority to radios with higher levels. This means better dispatching efficiency.

DMO Pseudo Trunk

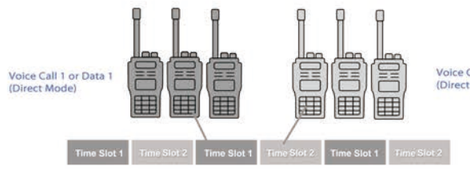
The user can choose slot 1 or slot 2 for communications. When one slot is occupied the radio will automatically switch into the free slot. Frequency efficiency is greatly increased.



Solt 1,Solt 2 are automaticalty assigned to voice call 1 or voice call 2.

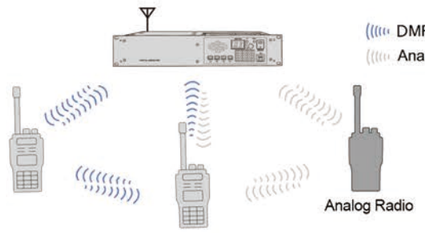
DMO True 2-Slot

In direct 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 Dual Modes

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



Standard Accessories

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

Optional Accessories

Programming Cable | Earpiece | Long Antenna