

Specifications

General	
Frequency Range	VHF : 136-174MHz; UHF : 400-480MHz/450-520MHz
Channel Capacity	1024
Zones	64
Channel Spacing	12.5KHz/25KHz
Working Voltage	DC 7.4V (±20%)
Frequency Stability	±1.5ppm
Antenna Impedance	50Ω
Battery Average Working Time (5/5/90)	Digital 18 hours; Analog 13 hours
Weight	283g (including battery pack)
Battery Capacity	Real 1800 mAh (18650mAh Optional)
Dimensions	60(L)x36(W)x129(H) mm
Transmitter	
Power Output	H: 5W / M: 3W / L:1W
4FSK Modulation	12.5KHz data only: 7K60FXD 12.5KHz data and voice: 7K60FXE
FM Modulation	12.5KHz: 8K50F3E / 25KHz: 16KΦF3E
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	AMBE3000
Receiver	
Digital Sensitivity	5% BER: 0.25 μV
Analog Sensitivity	0.25 μV (12 dB SINAD)
Intermodulation	65 dB
Adjacent Channel Selectivity	60 dB
Spurious Suppression	70 dB
FM Noise	-40dB
Frequency Response	+1/-3 dB
Audio Power	500mW
Audio Distortion	3% (typical)
Conduction Radiation	-36dBm
Environmental Specifications	
Working Temperature	-20℃ -+60℃
Storage Temperature	-30℃ -+85℃
Shock & Vibration	MIL-STD-810C/D/E/F

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



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-TD515

DMR DMR Portable

BF-TD515 is a cost-effective entry level DMR two-way radio with outstanding performance to give you a smooth transition from analog to digital. It delivers a superb digital audio experience which is as loud as it is clear, a long battery life to power you through the day, and a huge channel capacity together with adjustable power to meet all kinds of communication needs. If you want to buy a digital radio with an analog budget, BF-TD515 is your ideal radio.

Analog/Digital Dual Modes--Smooth Transition

FEC& AMBE3000 Vocoder--Clear Audio

Longer Battery Life--More Durability

Compatible with Motorola Analog Audio Accessories Kit--Better Flexibility



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BF-TD515

Commercial DMR Radios



Highlights

Digital/Analog Dual Modes

BF-TD515 gives you a smooth transition from the analog world to the digital.

A Longer Battery Life

BF-TD515 can function for longer than any conventional analog radios, meeting the battery needs of a long-day operation.

Small Size and Light Weight

BF-TD515 is small and light enough to be held easily and comfortably in a single hand. It is also very easy to operate.

Excellent Audio Quality

The FEC technology and AMBE3000 vocoder deliver a clear and crisp audio.

Private Call, Group Call And All Call

The versatile calling functions bring more efficiency to your teamwork.

Scan/ Monitor

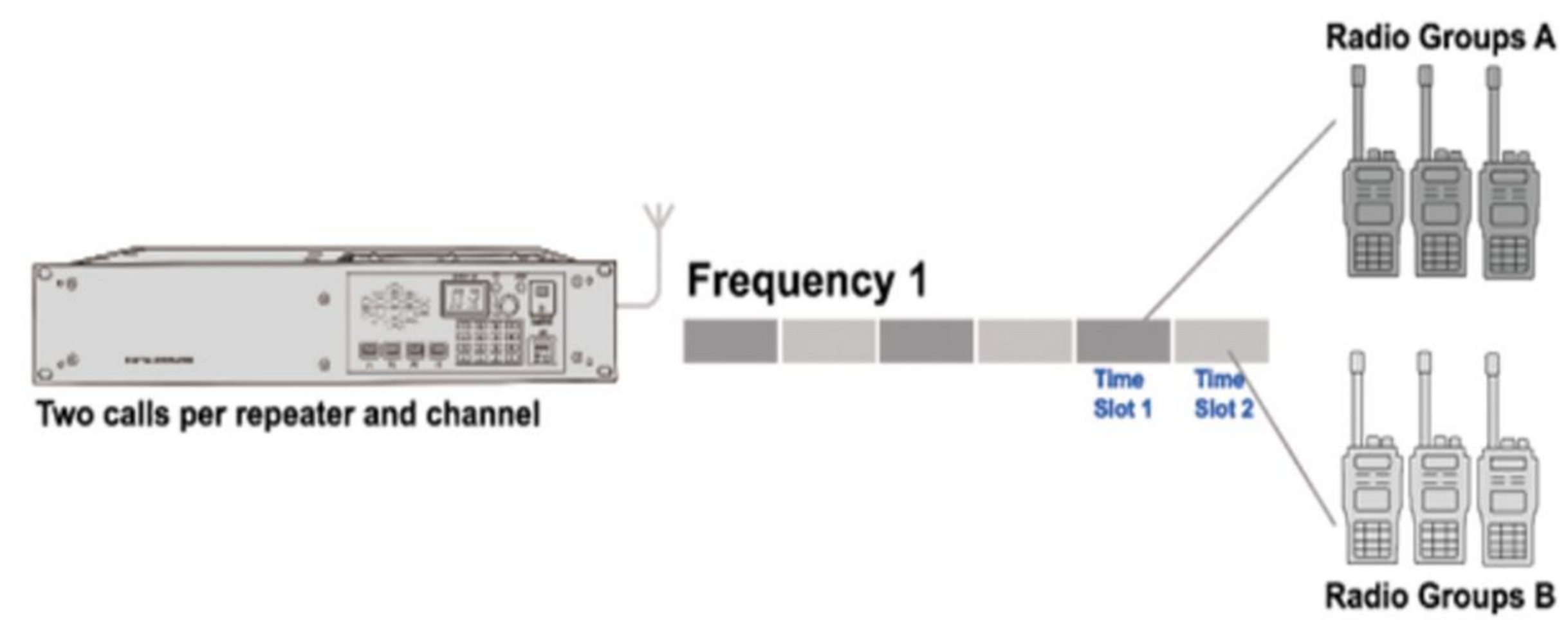
At a convenient push of a button you can monitor all the conversations on your channel or you can scan conversations on different channels.

Compatible with Motorola Audio Accessories

BF-TD515 is compatible with Motorola audio accessories. So, if you already have a Motorola analog earpiece or microphone, you can pair them with BelFone BF-TD515 and go hand-free.

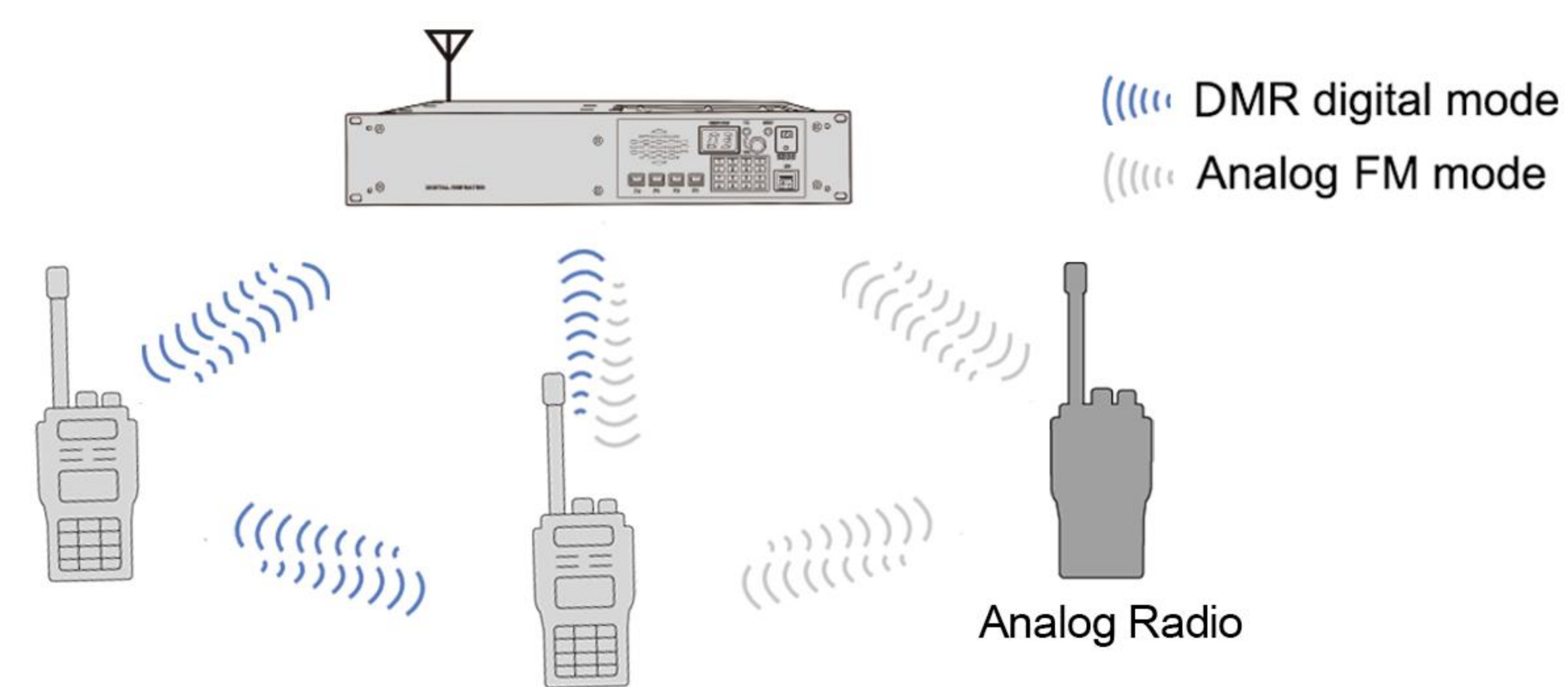
TDMA 2-Slot

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