




# BF-TD526

**DMR** DMR Portable

-  Long Talk Range
-  Long Standby
-  IP54 Rated Protect
-  Audio Noise Reduction
-  SOS Emergency Alert
-  Digital/Analog Dual Modes
-  Digital Voice Encryption
-  Bluetooth Function ( Optional )







## OVERVIEW

BF-TD526 is a highly integrated DMR dual mode (DMR+Analog) radio that perfectly combines cost-saving and high-intensity communication. Its exquisite exterior and distinctive dual-color PTT fully highlight the aesthetic and texture pursued by industrial and commercial users. With strong anti-interference capability, high confidentiality, narrower channel bandwidth, large communication range, and excellent data transmission, it can easily adapt to different scenarios and ensures stable communication.

## HIGHLIGHTS AND BENEFITS

### Long Talk Range

BF-TD526 has the advantages of longer talk range, stronger penetration and superior audio. The 5W high transmitting power and improved antenna gain make sure that the audio remains loud and clear even at long distances. With BF-TD526, your signals stay connected, and your communications stay undisturbed.

### IP54 Rating Protect

ABS+PC materials make BF-TD526 sturdy and durable, while IP54 rating effectively protects it from water and dust. Accidental showers are one less thing to worry about for outdoor users. BF-TD526 is designed to hold up against challenging environments.

### Long Standby

In standby mode, BF-TD526 will go into auto power save mode to prolong standby time. Low power alert will remind the user to recharge the battery with voice prompt, making sure your workers are always on line.

### MIC Noise Reduction

BF-TD526 integrates advanced digital voice codec technology that optimizes audio power output, providing loud, clear, and penetrating sound. With built-in MIC noise reduction algorithm to filter environmental noise and minimize howling, improving voice clarity.

## SOS/Lone Worker

BF-TD526 offers two alarm modes: one key alarm and lone worker. In case of emergencies, it can automatically send distress signals for help. Equipped with a top-mounted emergency button that activates instantly upon touch, it is responsive and easy to trigger, helping to stay responsive in emergencies.

## Digital/Analog Dual Mode

BF-TD526 is compatible with both digital and analog networks and can automatically switch between two modes, which delivers a smooth transition from analog to digital. The user can take his time upgrading his analog infrastructures. There is no hurry.

## Voice Encryption

BF-TD526 incorporates advanced digital encryption technologies to protect your information privacy. The user can select static or dynamic encryptions through the programming software. Only radios with the same encryption type can talk with each other.

## \*Wireless Bluetooth (Optional)

The BF-TD526 incorporates optional Bluetooth functionality, automatically pairing and connecting upon startup. Enabling effortless programming, facilitating simpler and more efficient management.



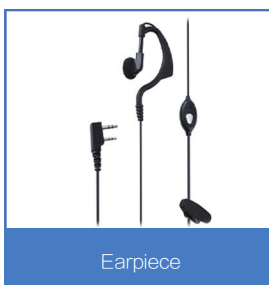
## REGULAR FEATURES

- VOX
- Power Save
- Scan/Auto Scan
- Programmable Buttons
- TOT
- Low Power Alert
- Repeater/Talkaround
- Monitor/ Permanent Monitor
- Emergency Call
- Private/Group/All Call
- Silence Unknown Callers
- Independent Battery Charging

## STANDARD ACCESSORIES



## OPTIONAL ACCESSORIES



# Specifications

General	
Optional Frequency Range	VHF: 136–174MHz; UHF: 350–400MHz/400–480MHz/ 450–520MHz
Channel Capacity	32
Zones	2
Channel Spacing	12.5KHz/25KHz
Operating Voltage	DC7.4V (± 20%)
Battery Capacity	1800 mAh
Battery Life ( 5/5/90 )	Digital 18 Hours/Analog 13 Hours
Frequency Stability	± 1.5ppm
Antenna Impedance	50Ω
Dimensions (L × W × H)	59.7 ( L ) *35 (W) *114 (H)mm
Screen	—
Weight	242g(Including Battery)
Recording (Optional)	—
Bluetooth (Optional)	BT5.0
Transmitter	
RF Output Power	< 5W
4FSK Modulation	12.5kHz Only data: 7K60FXD; 12.5kHz data and audio: 7K60FXE
FM Modulation	12.5 kHz: 8K50F3E; 25 kHz: 16KΦF3E;
Modulation Limiting	+/- 2.5kHz @ 12.5kHz; +/- 5kHz @ 25kHz
FM Noise	-40dB
Conducted Emission	-36 dBm≤1GHz/-30 dBm≥1GHz
Adjacent Channel Power	≤ -60dB
Audio Response	+1/-3 dB
Audio Distortion	3%
Digital Voice Coder Type	AMBE
Receiver	
Digital Sensitivity	5% BER: 0.25 uV
Analog Sensitivity	0.25 uV (12 dB SINAD)
Intermodulation	65dB
Adjacent Channel Selectivity	60 dB
Spurious Response Rejection	70 dB
FM Noise	-40dB
Audio Response	+1/-3 dB
Rated Audio Output Power	0.5 W
Max Audio Output Power	2W
Rated Audio Distortion	3%
Conducted Spurious Emission	-36dBm
Environmental Specifications	
Working Temperature	-30℃—+60℃
Storage Temperature	-40℃—+85℃
ESD Protection	—
Vibration&Shock	MIL-STD-810G
Moistureproof	MIL-STD-810G
Waterproof&Dustproof	IP54

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