

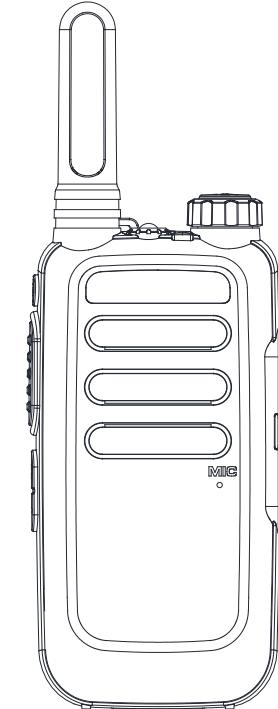


Frequency Range: FRS
 Narrow Band Selection: 12.5KHz
 Stepped Frequency: 5K/6.25K/12.5K/25K
 Output power: ≤ 1.5W
 Up to 99 Channels(1-99)
 Time-out timer(TOT)
 VOX Level: OFF/1/2/3/4/5
 Busy Channel Lockout (BCLO)
 Squelch Level: 0-9
 Battery Saving Function
 Monitor Function
 Low Battery Voltage Warning/Indication
 Chinese/English Language

Use' s Manual BF-T15



USB Charging long distance sound quality clear high capability Li-ion battery Fashion and mini



To users

Thank you for your favor with our products. We are dedicated to providing high performance and high stability radio communication products. This two-way radio is no exception. This product is a small and exquisite walkie-talkie developed and produced by the professional team for the popularization of civil consumer market. In order to make you fully understand the various advantages of the radio performance and use and maintenance methods, please read this manual carefully.

- 1、3.7V Rechargeable Lithium Battery
- 2、Frequency Range:FRS
- 3、Narrow Band Selection: 12.5KHz
- 4、Stepped Frequency:5K/6.25K/12.5K/25K
- 5、Output power: ≤1.5W
- 6、50 Groups CTCSS, 105 Groups DCS
- 7、Up to 16 Channels(1-99)
- 8、Time-out timer(TOT)
- 9、VOX Level: OFF/1/2/3/4/5
- 10、Busy Channel Lockout (BCLO)
- 11、Squelch Level:0-9
- 12、Battery Saving Function
- 13、Monitor Function
- 14、Low Battery Voltage Warning/Indication
- 15、Chinese/English Language

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Safety Information

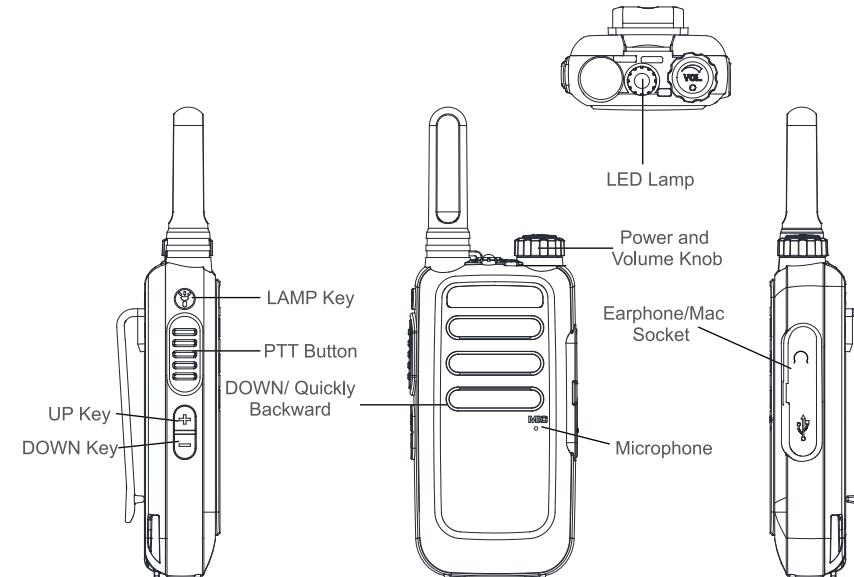
Please read the following information in order to use this two-way radio safely and efficiently.

1. The maintenance work of the two-way radio can only be carried out by professional technical personnel; assembly/dis assembly without permission is prohibited;
2. To avoid problems caused by electromagnetic interference and/or electromagnetic compatibility, please turn off the two-way radio in places with the sign "Please turn off two-way radio", such as hospitals and other health care facilities.
3. When taking airplane, please turn off the two-way radio when the crew request.
4. In automobile with airbags, do not place the two-way radio in the inflation area of the airbags.
5. Turn off the two-way radio before entering the flammable and explosive environment;
6. Do not replace or charge the battery in flammable and explosive environments;
7. Turn off the two-way radio before approaching the blasting area and detonator area;
8. Do not use the two-way radio if the antenna is damaged, or else it may cause minor skin burns;
9. Do not expose the two-way radio to direct sunlight or near the heating device.



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Familiar with the machine



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Familiar with the machine

Description of the Buttons

LAMP Key: Press the key to turn on/off flashlight; long press this key for keypad lock.

PTT Key: When transmitting, press this button and speak to the microphone; release the button to receive.

UP Key: Press this key for increment of channel

DOWN Key: Press this key for decrement of channel

FCC Channel List

Channel	Frequency	Model	Channel	Frequency	Model
1	462.5625	FRS	12	--	--
2	462.5875	FRS	13	--	--
3	462.6125	FRS	14	--	--
4	462.6375	FRS	15	462.5500	FRS
5	462.6625	FRS	16	462.5750	FRS
6	462.6875	FRS	17	462.6000	FRS
7	462.7125	FRS	18	462.6250	FRS
8	--	--	19	462.6500	FRS
9	--	--	20	462.6750	FRS
10	--	--	21	462.7000	FRS
11	--	--	22	462.7250	FRS

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Function Operation

Automatic Battery Saving Function

This function starts when the machine does not receive a signal or does not perform an operation for more than 10 seconds. The machine automatically stops this function when it receives a signal or performs an operation.

Chinese/English voice prompts

Press and hold PTT+DOWN + channel (10) to power on, Switch voice prompt function

Press and hold PTT+DOWN + channel (15) to power on, Switch Chinese/English Language.

Low Battery Voltage Warning

When the battery voltage is 3.4v, the radio voice prompts: "charge battery". When the battery voltage is 3.2v, the radio is forbidden to transmit.

Function Operation

Programmable by PC

The radio is connected to the computer through a special cable, which can read and write the frequency and set the function parameters etc.

CTCSS/CDCSS encode and decode

50 groups of CTCSS and 105 groups of CDCSS encode and decode functions can be set to prevent unrelated calls received on the same channel.

VOX

Press and hold PTT+DOWN + channel (1-5) to power on, switch the VOX function and switch the VOX level. The channel 1 is level 1 and channel 5 is level 5.

Busy Channel Lockout(BCLO)

To activate this function, when the channel is being used by other users, press "PTT" key, the radio will cannot transmit and "beep, beep" prompt sound.

When the channel is idle, press the "PTT" key again and it can be transmitted.

Function Operation

Time-out timer(TOT)

The function of the time-out timer is to prevent the any calling party from using a channel too long and continuously.

You can set this function through the programmable by PC (time:30 seconds, 60 seconds, 90 seconds, 120 seconds, 150 seconds, 180 seconds). If you continue to transmit beyond the set time, the radio will stop transmitting and beep. Release the [PTT] button and press the [PTT] button again to resume transmit.

Monitor

Turn on the radio, press the "DOWN" button for a long time to compulsively open the receiver and listen to whether there is any voice on the current channel.

Squelch Level

The frequency of squelch is 0 (on) -9 (deep), The corresponding SPK output SNR is 8-18db.

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Function Operation

Automatic Battery Saving Function

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Low Battery Voltage Warning

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Technical Specification

General		Transmitter	
Frequency range	FRS	RF Power	≤1.5W
Memory channels	16	Modulation	FM
Operation voltage	DC3.7V (Li-ion Battery)	Max frequency deviation	≤±5KHz
Frequency stability	±2.5ppm	Stray Radiation	≤-60dB
Operation temperature	-20°C~+50°C	Transmit current	≤1000mA
Mode of operation	Simplex	Preemphasis Character	6dB/octave
Antenna impedance	50Ω		
Ground connection	Negative electrode		
Volume	55x25x153mm		
Receiver			
Sensitivity	<0.16uv (12dB SINAD)	Audio distortion	<10%
Squelch Sensitivity	<0.2uv	Intermodulation	≥65dB
Audio power	≥380mW	Receive current	≤380mA

Note: The above specifications/technical instructions are for reference only because of the continuous improvement of the technology. Please refer to the physical object.

Function Operation

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Safety Information

FCC Warning

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Information:

This product is compliance to FCC RF Exposure requirements and refers to FCC website <https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm> search for FCC ID: 2AJGMBF-T15 to gain further information include SAR Values.

The device only supports simplex-mode and transmitting is no more than the rated duty cycle factor of 50% of the time. For hand-held operation, the radio should be held at least 25mm from the user's face. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.

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Function Operation