

# FREQUENCY CHART

Model Name: BF-\_\_\_\_\_

Serial Number: \_\_\_\_\_

Channel	Transmit Frequency	Receive Frequency	QT/DQT
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

## 告 示

《中华人民共和国无线电管理条例》规定：在中华人民共和国境内设置、使用无线电发射设备的单位和个人，必须到相应的无线电管理机构申办设台手续，领取电台执照后，方可使用。

### 使用前须知

- 维修仅可由专业技术人员进行。
- 请勿在易爆环境（如煤气、尘埃、蒸汽等）下使用对讲机或对电池充电。
- 在加油或停车于加油站时，请关闭对讲机。
- 不论有任何理由都不可改装或调整本机。
- 请勿让对讲机受到长时间的阳光直射，也不要将它放在加热器具附近。
- 请勿将对讲机放在极度多尘、潮湿及水溅之处，也不要将它放在不平稳的表面上。

**安全性:** 使用者对使用对讲机的一般危险性的了解和认识是很重要的。

#### 警告:

易爆环境（气体、粉尘以及烟雾等）在加油或者停车于加油时，请关闭对讲机电源。

## 语音提示功能.人性化设计

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## TROUBLESHOOTING GUIDE

Problem	Solution
No power.	<ul style="list-style-type: none"> <li>• The battery pack may be dead. Recharge or replace the battery pack.</li> <li>• The battery pack may not be installed correctly. Remove the battery pack and install it again.</li> </ul>
Battery power dies shortly after charging.	<ul style="list-style-type: none"> <li>• The battery pack life is finished. Replace the battery pack with a new one.</li> </ul>
Cannot talk to or hear other members in your group.	<ul style="list-style-type: none"> <li>• Make sure you are using the same frequency and Quiet Talk tone as the other members in your group.</li> <li>• Other group members may be too far away. Make sure you are within range of the other transceivers.</li> </ul>
Other voices (besides group members) are present on the channel.	<ul style="list-style-type: none"> <li>• Change the Quiet Talk tone. Be sure to change the tone on all transceivers in your group.</li> </ul>

## OPTIONAL ACCESSORIES

### You can use the following accessories with your transceiver:

- Li-ion BATTERY
- KNB-14: Standard Battery (7.2 V/ 600 mAh)
- KNB-15A: Long Life Battery (7.2 V/ 1100 mAh)
- KSC-15: Regular Battery Charger
- KSC-16: Rapid Battery Charger
- KSC-21R: Refreshable Rapid Battery Charger
- KHS-1: Head Set with VOX (Voice Operated Transmit)
- KMC-17: Speaker/ Microphone (Standard Duty)
- KMC-21: Speaker/ Microphone (Light Duty)
- KBP-1: Alkaline Battery Case
- KBH-8: Spring-action Belt Clip
- KWR-1: Water Resistant Bag

## 开箱和装置检查

请小心从包装箱中取出对讲机。我们建议您在废弃包装材料之前确认一下箱内有否下表列出的物品。若有任何物品在搬运中丢失或损坏，请立即向送货人提交索赔书。

### 随带的附件

物品	数量
天线	1
电池充电器	1
Li-ion 电池组	1
扬声器/麦克风插孔盖	1
皮带夹	1
螺丝组	1
使用说明书	1

注：可以通过贴在包装箱上的标签辨认市场代码(M2或者M4)。

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### Beep Tone

ON: If the Speech function turns on, a click sound will be heard when you rotate the channels.

OFF: If the Speech function turns off, no tones sound when you rotate the channels.

### High/Low Voltage Transmission Ban

ON: when the voltage is too high or too low, transmission is ineffective.

OFF: when the voltage is too high or too low, it can still transmit.

### Receiving alarm call

Rotate to channel 11, then press and hold PTT key and Moni key to switch on the transceiver, if receiving alarm call function is ON, it will switch to OFF; if receiving alarm call is OFF, it will convert to ON. When the receiving alarm call function is OFF, the alarm call does not ring even if receiving alarm signals.

### Battery voltage indicator.

- a. Voltage too high: If High voltage transmission is banned, when the voltage is too high, it is ineffective to press PTT Key or Vox transmission and to send Emergency Alarm. The Led will blink red continuously until you release PTT key or stop Vox transmission and emergence alarm.
- b. Light flashes at low voltage: when the voltage goes below a certain voltage value, the LED will blink red. But the transceiver can still transmit.
- c. Emergency alarm at lower voltage: when the voltage goes below a certain voltage value, the LED will blink red and a click sound indicates. Transmission is still effective.
- d. Voltage too low: when the voltage goes below a certain value, the LED will blink red and a click sound indicates. If low voltage transmission is banned, it is ineffective to press PTT switch or Vox transmission and send emergency alarm. The LED will blink orange and a click sound indicates until you release PTT switch or stop VOX transmission and alarming.

### Busy Channel Lockout

Busy channel lockout can be turned on/off by programmable software in every effective channel.

A: When the current channel has no QT or DQT, if it receives SQ, transmission is banned.

B: When the current channel has been set up with QT or DQT, if it receives SQ but without QT or DQT, transmission is not banned; if it receives SQ as well as QT or DQT, transmission is banned.

### 对Li-ion 电池组充电

电池组在出厂时未充电，请在使用前先进行充电。

在购买后或长期存放(两个月以上)后第一次对电池组充电不能使电池组达到它的通常使用容量。在反复充/放电两、三次后，使用容量将增至通常状态。

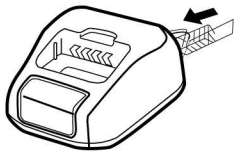


注意

- ◆ 如果电池组已经完全充电，请勿再行充电。否则，电池组的寿命会缩短或受损。
- ◆ 在对电池组再充电后，请将它从电池充电器上拿下。对电池组充电5天以上会因过充电而缩短电池组的寿命。

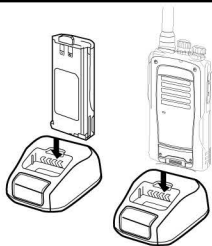
注：

- ◆ 进行充电时的环境温度应在5至40℃之间。在此范围之外充电时，电池得不到完全充电。
- ◆ 在充电前，请将装有NiMh电池组的对讲机电源关闭。对讲机内的电池组正在充电时使用对讲机会妨碍电池组的正确充电。
- ◆ 即使在完全正确的充电后使用时间也不增加时，电池组的寿命已到。请更新电池组。



将交流电源转换器的电缆插入位于充电器背面上的适配器插孔。

将交流电源转换器插在交流电源输出插座上。



将Li-ion电池组或装有Li-ion电池组的对讲机插在充电器上。

确认电池组有于充电端子接触着。

- 充电灯点亮，充电开始。

在对随带的 Li-ion 电池组充电8个小时后，请将它或装着它的对讲机从充电器上拿下。

- 充电器在完全充电后不会自动关断。

从交流电源输出插座上拿下交流电源转换器。

注：对另购的KNB-14电池组完全充电约需6个小时。

- Transceiver will stay in a channel having signals, 15 seconds after the signals disappear, it will continue scanning next channels.
- When there are less than 2 scannable channels, it can not scan.
- On channel 16, press PTT switch and Moni Key to turn on the transceiver, if the scan is ON, it will switch into OFF; if the scan is OFF, it will switch into ON.
- The scan function is ineffective when transceiver is on radio.

### Speech switch/speech selector

- Speech function turns off, transceiver will not give speech annunciation.
- Speech function turns on, transceiver will give speech annunciation when you rotate the channels. Either Chinese or English speech can be selected.
- On channel 10, press PTT and Moni key together to switch on transceiver, speech function will be converted. If Speech function is ON, it will switch to OFF, But if Speech function is OFF, it will change into ON.
- On channel 15, press PTT and Moni key together to switch on transceiver, if the speech is Chinese, it will change to English, if the speech is English, it will switch to Chinese.

### Vox Transmission

When a transceiver is set by programmable software to be VOX on, you can set the Vox Gain level and speech volume to transmit.

- Vox function only work when it is turned on.
- Vox Gain level: when the sound level higher than the pre-determined Vox Gain level, VOX will automatically transmits. The Gain level is adjustable from level 1 to 5.
- VOX Ban when receiving the call: The Vox is banned while receiving the call even if the sound level is higher than the pre-determined gain level.
- On channels 1 to 5, press PTT and Moni key together to switch on transceiver, if VOX function is ON, it will turn to OFF. If the VOX function is OFF, it will turn to ON, and you can set the vox gain levels on different channels.

## Moni key

Its function can be defined by programmable software.

Defining the Moni key function: four modes

- a. Off: Moni key is ineffective
- b. Immediate Monitor: Press the Moni key defined with immediate monitoring function to turn off CTCSS or DCS and the squelch turns on. Release to exit.
- c. High/Low Power convertible  
Press the Moni key, it sounds "i, Di" to enter High power mode while sounding "Di" to become Low Power mode.
- d. Emergency Alarm  
Press and then release, the radio will enter the alarm mode, and alarm call rings. Press and then release again, or press PTT key, the emergency alarm exits and stopps ringing. Press Moni key continuously to send alarm signals in the current channel, LED will blink red. When the other party receives the alarm signals, alarm call rings. Release the Moni key to exit the emergency alarm.

## Squelch Level

Squelch level is an analogue level used to set the interior squelch threshold in the CPU of transceiver. You can pre-program the squelch level. When transceiver is in use, the squelch level is adjustable: 10 levels: from 0 (switch on) to 9 (deep)

## Time-Out Timer (TOT)

The purpose of the Time-Out Timer is to prevent any caller from using a channel for an extended period of time. If you continuously transmit beyond the limited time (set up by programmable software), the transceiver will stop transmitting and an alert tone will sound. To stop the tone, release the PTT switch. You can press the PTT switch again to resume transmitting

## Scanning switch

When a transceiver is set by programmable software as scannable, rotate the channel-selecting knob to channel 16, the transceiver will automatically detect the activities of scannable channels from 1 to 15, (programmable software can define different channels to be scannable or unscannable). When a scanned channel has signals, transceiver will automatically stay in this channel for talking.

## 装/卸电池组

随带的 Li-ion 电池组的平均使用时间为8个小时。平均使用的时间以5%发射时间、5%接收时间和90%备用时间进行计算的。



注意

- ◆ 请勿短路电池端子或将电池丢弃于火中。
- ◆ 切勿擅自拆卸电池组的外壳。

