

# SR-610B Ear-hung Walkie-Talkie

## USER MANUAL

### CAUTION:

This Walkie-Talkie is the product with excellent design and advanced technology. The following suggestions will help you fulfill your obligations under warranty terms and understand the safety knowledge of using walkie-talkie.

1. Don't try to disassemble the walkie-talkie. Unauthorized disassemble may cause damage to the walkie-talkie.
2. This machine can use universal qualified mobile phone charger(5V).
3. Don't expose the machine to sun for a long time or put it on a overheated place.
4. Don't place it in a dusty or damp place.
5. Don't use strong chemicals, cleaning agents or strong lotions to clean walkie-talkie.
6. If it is found to emit peculiar smell or smoke, place it on the open ground to avoid injury, and contact the distributor in time.
7. Don't use the machine inflammable, explosive or other place where walkie-talkie is prohibited.
8. In order to obtain the best communication performance, it is recommended that least distance between walkie-talkies is 2 meters.
9. Please abide the local wireless management regulations, Contact with the distributor if you have any questions.

### Checklist:

**Open the package carefully, check the product and accessories according to the following list:**

**Please conduct your distributor immediately if any damaged or missing happened!**

NO.	Item	QTY
1	Walkie-talkie	1
2	Charger	1
3	Charging line	1
4	Earphoe(Antenna)	1
5	User manual	1

## Function & Description:

Function	Description	Remark
Channel	Up to 25 channels	customerized
CTCSS/DCS	Normal: 38 CTCSS+61CDCSS Professional: 50CTCSS+105CDCSS	Can be adjusted in normal mode only. Professional is default mode.
Volume	Receiving vlume	1-8
Battery saving	Extending standby time	

## LED icon



Icon	Name	Description
	Channel//Volume level	Displaying channel while Transmitting/Receiving
	Battery meter	The more lattice there are, the more electricity there is.
	Transmitting/Receiving led	The Green led is lighted on while receiving signal. The Red led is lighted on while transmitting signal.
	Lock indicator	The light is on while key is locked up.

## Part Description:

No.	Name	Description
1	Power	Turn On: Press the key for 3 seconds in power off mode. Turn Off: Press the key for 3 seconds in power on mode.
2	P key	Press P key for 3 seconds to release the key lock.
3	+ (UP key)	1. Please lock off the key first, then press the key shortly to enter the setting mode to change the channel, Press the key longly to enter the setting mode to change the volume.  2.In the setting mode, press the key to increase

		channel/volume.
4	— (DOWN key)	1 Please lock off the key first, then press the key shortly to enter the setting mode to change the channel, Press the key longly to enter the setting mode to change the volume.  2.In the setting mode, press the key to decrease channel/volume.
5	TYPE-C Socket	Multi-function interface, charge, Earphone and program.
6	PTT	Push to Talk key
7	Microphone	Built in Microphone

## Operation Guide

### 1、 Power On/Off

Keep pressing Power key about 2 seconds, “Di-“will be sounded and LED will be lighted on, the machine entered in standby mode. Such as the following illustration:



Keep pressing Power key about 2 seconds, “Di-“will be sounded and LED will be lighted off, and the machine enters power off mode.

### 2、 Channel Setting

In Standby mode, Press “+”/“-“ key shortly, . The led will display “CH” about 1 second, then the digit (“2”) will Blink, Press “+” /“-“key repeatedly to adjust to desired channel, Press “PTT” key to save the information and exit..



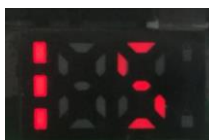
### 3、 CTCSS/DCS setting

In order to prevent misoperation, the CTCSS/DCS of each channel is set to 67 Hz when the walkie talkie is manufactured. The CTCSS/DCS menu operation is

no longer displayed on the equipment. If the CTCSS/DCS needs to be changed,

#### 4、 Volume Setting

In Standby mode, Press “+”/“-“ key longly, . The led will display “VL” about 1 second, then the digit (“5”) will Blink, Press “+” /“-“key repeatedly to adjust to desired volume, Press “PTT” key to save the information and exit..



#### 5、 Key lock setting

**Auto Lock: The key will be locked automatically when no key is pressed for about 38 seconds.**

**Lock key: Press “P” key about 3 seconds and  icon will be turned on, the other keys are ignored except power key and PTT.**



**Lock off: Press “P” key about 3 seconds and  icon will be turned off, the keys are back to active.**

#### 6、 PTT prohibited while Signal recieved

This function was set to on/off by PC programming.

If this function is active,we cannot transmitting voice while receiving the signals.

If the channel is free,we can send the voice normally and “Di-” tone will heard.

If the channel is busy,we cannot send the voice normally and “Di-Di-“ tone will be heard, then wait a moment and try again.

#### 7、 Normal/Professional mode setting(Default mode:Professional)

The computer can be programmed to set the machine to normal / professional mode

CTCSS/DCS can be set to 1-99 group by keys in normal mode.

**Battery Information:****■ Charge note**

Please charge the walkie talkie when battery low.

Battery meter will roll while charging. The rolling meter will be stopped when the battery is full.

## Specification

### Overall

Channel	up to 25 (as custermerized)
Working tempeature:	— 20~ + 60°C
Standard Voltage:	DC 3.7V
Capacity of Battery	> 280 mAh
Channel Spacing	12.5 K / 25KHz
Outline Size	53x21.5x15mm
Weight	17g(Earphone excluded)
Antenna Impedance	50 $\Omega$

### Transmitting Part:

Freq Stability	$\leq \pm 2.5$ ppm
RF power	< 0.5W
Modulation	F3E
Residual	$\leq -35$ dB
Audio distortion	$\leq 3\%$

### Receiving Part:

Sensitivity	$\leq -120$ dBm
Adjacent selection:	$\geq 60$ dB
modulaion Rejection:	$\geq 60$ dB
SNR	$\geq 48$ dB
Audio Distortion:	$\leq 3\%$

## **FCC Warning**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.