

USER' S MANUAL

SR-606U

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 | Earphone | 1 |
| 5 | User manual | 1 |
| 6 | lifting rope | 1 |

Function & Description:

| Function | Description | Remark |
|----------------|------------------------|------------------------|
| Channel | 22 | |
| CTCSS/DCS | 38 CTCSS+61CDCSS | |
| Volume | Receiving Volume | 1-8 |
| Battery saving | Extending standby time | About 60 standby hours |

LED icon



| Icon | Name | Description |
|------|--------------------------------|---|
| | Channel/CTCSS/Volume level etc | 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:

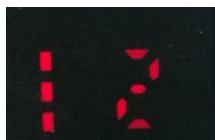


| No. | Name | Description |
|-----|------------------|---|
| 1 | Antenna | TX/RX wireless Signal |
| 2 | Power/Menu key | Turn On: Press the key for 2 seconds in power off mode. Turn Off: Press the key for 2 seconds in power on mode. |
| 3 | LED Panel | Displaying Channel/Volume/Battery Meter/TX RX status and Key locked status etc. |
| 4 | Up key Δ | In the setting mode, press the key to increase channel/volume parameter. Press Up & Down key at the same time for 2 seconds to Lock/Unlock the key While lock status led is lighted On/Off. |
| 5 | Down ▽ | In the setting mode, press the key to decrease channel or volume parameter. Press Up & Down key at the same time for 2 seconds to Lock/Unlock the key While lock status led is lighted On/Off. |
| 6 | TYPE C Interface | Earphone or Charge & PC program interface |

Operation Guide

1、Power On/Off

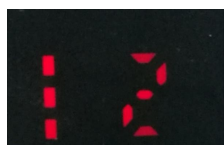
Keep pressing Power key about 2 seconds, “Di-“will be sounded in the Earphone and LED will be lighted on, the walkie talkie will enter in standby mode, Such as the following illustration:



In standby mode, Keep pressing Power key about 2 seconds, “Di-“will be sounded in the Earphone and LED will be lighted off, and the walkie talkie enters power off mode.

2、Channel Setting

In Standby mode, Press “M” key shortly, The led will display “CH” about 1 second, then the digit “2”(current channel NO.) will Blink, Press “+” /”-“key repeatedly to adjust to desired channel, Press “M” key to setup next one or Press “PTT” key to save the information and exit.



3、CTCSS/DCS setting


In Standby mode, Press “M” key shortly for two times, The led will display “Ct” about 1 second, then the digit “2”(current CTCSS/DCS NO.) will Blink, Press “+” /”-“key repeatedly to adjust to desired CTCSS/DCS, Press “M” key to setup next one or Press “PTT” key to save the information and exit.

4、Volume Setting

In Standby mode, Press “M” key shortly for 3 times, The led will display “VL” about 1 second, then the digit “5”(current Volume 1-8) will Blink, Press “+” /”-“key repeatedly to adjust to desired volume(Min:1,Max:8), Press “M”key or “PTT” key to save the information and exit.



5、Key lock setting

In standby mode, Press Up & Down key at the same time for 2 seconds to Lock/Unlock the key While lock status led “” is lighted On/Off.

CTCSS Table (Hz)

| Silent code | FREQ | Silent code | FREQ | Silent code | FREQ | Silent code | FREQ |
|-------------|------|-------------|-------|-------------|-------|-------------|-------|
| 1 | 67.0 | 11 | 97.4 | 21 | 136.5 | 31 | 192.8 |
| 2 | 71.9 | 12 | 100 | 22 | 141.3 | 32 | 203.5 |
| 3 | 74.4 | 13 | 103.5 | 23 | 146.2 | 33 | 210.7 |
| 4 | 77.0 | 14 | 107.2 | 24 | 151.4 | 34 | 218.1 |
| 5 | 79.7 | 15 | 110.9 | 25 | 156.7 | 35 | 225.7 |
| 6 | 82.5 | 16 | 114.8 | 26 | 162.2 | 36 | 233.6 |
| 7 | 85.4 | 17 | 118.8 | 27 | 167.9 | 37 | 241.8 |
| 8 | 88.5 | 18 | 123 | 28 | 173.8 | 38 | 250.3 |
| 9 | 91.5 | 19 | 127.3 | 29 | 179.9 | | |
| 10 | 94.8 | 20 | 131.8 | 30 | 186.2 | | |

DCS Table

| Silent code | DCS CODE | Silent code | DCS CODE | Silent code | DCS CODE | Silent code | DCS CODE |
|-------------|----------|-------------|----------|-------------|----------|-------------|----------|
| 38 | 023D | 57 | 134D | 76 | 251D | 95 | 371D |
| 39 | 025D | 58 | 143D | 77 | 252D | 96 | 411D |
| 40 | 026D | 59 | 152D | 78 | 255D | 97 | 412D |
| 41 | 031D | 60 | 155D | 79 | 261D | 98 | 413D |
| 42 | 032D | 61 | 156D | 80 | 263D | 99 | 423D |
| 43 | 043D | 62 | 162D | 81 | 265D | | |
| 44 | 051D | 63 | 165D | 82 | 266D | | |
| 45 | 054D | 64 | 172D | 83 | 271D | | |
| 46 | 065D | 65 | 174D | 84 | 274D | | |
| 47 | 071D | 66 | 205D | 85 | 306D | | |
| 48 | 072D | 67 | 172D | 86 | 311D | | |
| 49 | 073D | 68 | 174D | 87 | 315D | | |
| 50 | 074D | 69 | 205D | 88 | 325D | | |
| 51 | 114D | 70 | 212D | 89 | 331D | | |
| 52 | 115D | 71 | 223D | 90 | 332D | | |
| 53 | 116D | 72 | 225D | 91 | 343D | | |
| 54 | 125D | 73 | 226D | 92 | 346D | | |
| 55 | 131D | 74 | 243D | 93 | 351D | | |
| 56 | 132D | 75 | 244D | 94 | 356D | | |

Specification

Overall

| | |
|---------------------|------------------------|
| Channel | 22 |
| Working tempeature: | — 20~ + 60℃ |
| Standard Voltage: | DC 3.7V |
| Capacity of Battery | 640 mAh |
| Channel Spacing | 12.5 K |
| Outline Size | 66mmx30mmx11mm |
| Weight | 35g(Earphone excluded) |
| Antenna Impedance | 50 Ω |

Transmitting Part:

| | |
|------------------|--------------------|
| Freq Stability | $\leq \pm 2.5$ ppm |
| RF power | ≤ 23.5 dBm |
| Modulation | F3E |
| Residual | ≤ -35 dB |
| Audio distortion | $\leq 5\%$ |

Receiving Part:

| | |
|----------------------|-----------------|
| Sensitivity | ≤ -120 dBm |
| Adjacent selection: | ≥ 60 dB |
| modulaion Rejection: | ≥ 60 dB |
| SNR | ≥ 48 dB |
| Audio Distortion: | $\leq 5\%$ |

operating FREQ

| channel | Center frequency (MHz) | channel | Center frequency (MHz) |
|---------|------------------------|---------|------------------------|
| 1 | 462.5625 | 12 | 467.6625 |
| 2 | 462.5875 | 13 | 467.6875 |
| 3 | 462.6125 | 14 | 467.7125 |
| 4 | 462.6375 | 15 | 462.5500 |
| 5 | 462.6625 | 16 | 462.5750 |
| 6 | 462.6875 | 17 | 462.6000 |
| 7 | 462.7125 | 18 | 462.6250 |
| 8 | 467.5625 | 19 | 462.6500 |
| 10 | 467.6125 | 21 | 462.7000 |
| 11 | 467.6375 | 22 | 462.7250 |

FCC Caution:

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

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.

IMPORTANT NOTE:

Note: 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.

FCC Radiation Exposure Statement:

The device has been tested and comply with FCC SAR limits. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Transmit no more than the rated duty factor of 50% of the time. To transmit (talk), push the Push- To-Talk (PTT) key.

To receive calls, release the PTT key. Transmitting 50% of the time or less, is important because the radio generates measurable RF energy only when transmitting (in terms of measuring for standard compliance).

Use of non-approved antennas, batteries, and accessories causes the radio to exceed the FCC RF exposure guidelines.

Contact your local dealer for the optional accessories of the product.