

Walkie talkie operation instructions

Basic operation T1

Switching power supply:

1.POWER ON: Turn the "Power / Volume Switch" control knob in the clockwise direction to open the intercom power and hear the sound of "D a", Then hear a string of pleasing prompt, and then broadcast the current corresponding channel,

2.Power OFF: Turn the "Power / Volume Switch" control knob in the counterclockwise direction until "D a" is heard, indicating that the Walkie Talkie power is turned off

Volume adjustment:

Turn the "Power / Volume Switch" control knob clockwise to increase the volume; the "Power / Volume Switch" control knob is reduced in the counterclockwise direction to reduce the volume.

Side key function description:

1.Press and hold the [PTT] transmit signal, loosen [PTT] to end the transmit signal

2.Side key [Up key]:

Short press: channel +

(Note: Press the current channel in the lock state, press the current channel and unlock, then press the channel +)

Long press: Monitor

3.Side key [Down key]

Short press: channel -

(Note: In the lock state, press the presentation of the current channel and unlock, then press the channel -)

Long press: battery remaining broadcast

Note: The machine is not operated for 6 seconds, It will be automatically locked: if you switch the channel, the unit will use the voice to broadcast the corresponding channel with the voice broadcast.

Speaking:

Press and hold the [PTT] key to transmit the indicator light, and speak in a normal tone, let the [PTT] key after the call is completed, the unit will turn to receive. Keep your mouth and walkie-talkie distance from 3 to 8cm when speaking.

Turn on the function of voice reporting, close, and English switching:

This machine has a voice report function that quickly knows the current channel where you use the intercom point when you operate at night or in a dark, This feature can be implemented by computer programming software

Low battery warning:

Low power warnings appears when the battery needs to be charged or replaced. When the battery is insufficient, use the intercom, every 15 seconds will sound "Please charge", English voice prompt "please change er", if the voice number function is turned off, "DI, DI" three sounds, and LED instructions The lamp flashes red, prompting the user to change the battery pack or charge it.

Scan function:

This machine has a scan function, so that the user searches for calls on other channels The specific operation is: Turning the scan in the optional function, cutting the unit to the 16th channel, will issue "beep" and enter the scan mode, the unit will be scanned at the current channel, when receiving a useful signal The unit will work with the current scanned channel, confiscated signals or not pressing the [PTT] button in 5 seconds, will continue to start scanning, the green light will flash when the machine is scanned, prompting the user to be in scanning work at the time Mode; if you have a 16 channel, the unit will issue "Dudu", indicating that the channel switch is running, and the channel switch is entered.

Sound control function

This machine has a sound control function, and when the voice is detected, the walkie-talkie automatically switches to the transmit mode.

The specific operation is as follows: This feature is implemented by computer programming software. When the prospective function indicates sound control, no hook sound control function indicates that the sound control, the gain level of the VOX, and the VOX voice delay time need to be adjusted by computer programming software.

Note: The higher the VOX gain level, the lower the volume required, the lower the volume required (the gain level of VOX can be 1-9 selection)*The greater the VOX sound latency, the longer the voice exit (VOX sound delay time can be 0.5/1/1.5/2/2.5/3s)

Scramble/pressure expansion

Each channel can set an optional feature scramble /pressure-expand, scrambled.

Scrambling functions enable voice encryption, so that users do not have this function will not be able to receive your true voice, so that your communication is confidential, two walkie - talkies need to encrypt the call, optional function selection frequency, disturbance level i.e.

The pressure-expand function can effectively compress the transmitted portion to the other end and then transmit it to the other end, and the receiving end signal is expanded, and the system signal to noise ratio is increased, which greatly reduces the environment background noise and improves the receiving end. Sound quality.

Frequency hopping function

Each channel can set the hopping / off, Converse encryption can be implemented so that other models cannot receive your intercom, making your communication confidential.

(Note: If the "Sweugue" column is selected "Open", the other party needs to set the "open" party to the same manner).(Note: "CTCSS / DCS Encoding" "CTCSS / DCS Decoding" is analogy sub-audio / digital sub- no, as long as the "hopping"column selection "open" means the frequency hopping function is enabled)

Power saving mode:

If the dealer launches this feature, the battery power saving function can reduce the power consumption when the signal is not received or not operated (no button is pressed, there is no channel switch).

When the channel is not busy, the battery power saves power is turned on.

When a signal or operation is received, the battery power saves power is turned off.

(QT//DOT):

This walkie-talkie can be selected from 50 sets of standard to simulate dumb audio modules, and add non-standard bumpers and 105 sets of digital dumb audio, which can be used (60.0 ~ 260 Hz).Also adding non-standard digital mattes (D000-D777) that can be entered with the numeric keypad can be set via computer programming software).

Some channels may have a preset OT / DOT signal code. The O'T / DOT signal is a secondary audible signal sound, which allows you to ignore the call of the third party using the same channel.*

You will not hear this signal when you receive a OT / DOT signal different from your intercom. Similarly, the signal you launch can only be listened by the OT / DOT signal in the same manner that the QT / DOT signal set by your walkie-talkie is.

Note: Although signals with QT / DOT sub-audio allow you to avoid calls that you don't want to hear, it doesn't mean that your call is secret.

Software encryption function:

This machine has a write-frequency encrypted function, which protects your frequency and Yape Frequency data from others, and can also protect you and customer information, and specific settings can be set by program software.

Technical Specifications:

SPECIFICATION	
Frequency Range	462.5500-462.7250MHz 467.5625-467.7125MHz
Supply Power	DC 3.7V
Operation Temperature	-30℃-60℃
Memory Channel	16
Antenna Impedance	50 Ω
Work Mode	Simplex
Size	150*60*34.6mm
Maximum Output Power:	462.5500-462.7250MHz: 31.93dBm, 467.5625-467.7125MHz: 26.85dBm
TRANSMITTER	
Voltage FM	DC 3.7V
Modulation	FM
Max.Frequency Deviation	<2.5kHz
Spurious Radiation	≤-60dB
Modulation Character	6dB
Emission Current	<1000mA
RECEIVER	
Sensitivity	<0.16uV(12dB SINAD)
Squelch Sensitivity	<0.2uV
Inter modulation Interference Resistance	50dB
Audio Power	>300mW
Receiving Current	<100mA
Standby Current	<20mA

FCC Statement:

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.

SAR tests are conducted using standard operating positions accepted by FCC with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each product are performed in positions and locations as required by the FCC.

For body worn operation, this device has been tested and meets the FCC RF exposure guidelines when used with and accessory designated for this product or when used with and accessory that contains no metal.

To maintain compliance with FCC RF exposure guidelines hold the transmitter and antenna at least 1 inch (2.5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away from the face.

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to comply with the FCC RF exposure requirement, the antenna installation must comply with following:

Users must be fully aware of the hazards of the exposure and able to exercise control over their RF exposure to qualify for the higher Exposure limits.

Your wireless hand-held portable transceiver contains a low power transmitter. This product sends out radio frequency (RF) signals when the Push-to-Talk(PTT) button is pressed.

The device is authorized to operate at a duty factor not to exceed 50%.

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.