MINI Radio Introduction

On/off operation

In the off state, long press the [PWR] button for about 3s, and the green indicator light will indicate that the boot is successful;
In the power on state, press and hold the [PWR] button for 3 seconds, and the orange indicator flashes three times to talk to the device.

Channel switching

In the standby, press the [PWR] key once, the voice broadcasts the current channel number, indicating that the channel switching mode is entered. Press the [UP]/[DOWN] key to increase/decrease the loop adjustment channel. During the adjustment process, the voice broadcasts the current time. Adjusted channel number. After the adjustment is completed, press the [PWR] key again to exit the channel adjustment mode.。

In channel adjustment mode, if the channel is not adjusted for more than 10s, the channel adjustment mode will be automatically exited.

Volume adjustment

This unit supports volume levels 1 to 8 levels.

Press the [UP] key momentarily to increase the volume level; short press the [DOWN] key to decrease the volume level.

VOX control function

VOX function turned on by the frequency writing software, and the level is set, in the standby mode, the voice-activated transmission is started against the MIC speech; when the voice-activated transmission is performed, the voice is not spoken for a period of time (set by the writing frequency software: the voice-controlled delay time) is automatically quit. Launch, return to standby.

Power saving function

The power saving mode is turned on/off by the frequency writing software to improve the battery life.

Automatic power off function

Set the automatic power off time by the frequency writing software. When the device does not have any and any call event within the set time, the device will automatically power off.

Time out timer function

Set TOT time by software. When the device emits the time beyond the emission limit, it will automatically exit the transmission to avoid occupying the channel for a long time.。

Frequency hopping function

This unit supports one-button frequency hopping, set frequency hopping mode on/off by frequency writing software, one-button enable and disable frequency hopping mode, no need to set every channel.

Voice Prompt function

This unit supports high-definition voice broadcast prompts, real-time broadcast channel number, low battery level, etc.。

Tone function

This unit supports button operation sounds and is turned on/off by the program software setting.

Appendix B. - Technical Specifications

General	
Frequency Range	462.5625-462.7125Mhz/467.5625 - 467.7125Mhz
Memory Channel	14 Channels
Operation Voltage	DC 3.7V ±10%
Battery Capacity	450mAh (Li-Ion)
Frequency Stability	±2.5ppm
Operating Temperature	0℃ to +40℃
Mode of Operation	Simplex
Antenna Impedance	50ohm
Transmitter Part	
RF Output Power	≤2W
FM Modulation	11K0F3E@12.5KHz
Adjacent Channel Power	60dB @ 12.5KHz
Transmission current	≤1000mA
Receiver Part	
Receive Sensitivity	0.25μV (12dB SINAD)
Adjacent Channel Selectivity	≥55dB@12.5KHz
Inter Modulation and Rejection	≥55dB@12.5KHz
Conducted Spurious Emission	≤-57dB@12.5KHz
Rated Audio Power Output	1W @16 ohms
Receive current	≤380mA
Rated Audio Distortion	≤5%
NOTE: All specifications may be modified without prior notice or liability. Thank you.	

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.

RF Exposure Statement:

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 an available for sale to the public, it must be tested and certified to the FCC that is 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.

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.

WARNING: MODIFICATION OF THIS DEVICE TO RECEIVE CELLULAR RADIOTELEPHONE SERVICE SIGNALS IS PROHIBITED UNDER FCC RULES AND FEDERAL LAW.