



 MENU OPERATION	 Functions Operation	 Functions Operation	 Functions Operation	 Technical Parameters																																				
<p>1. Short press ▲ ▼ keys to adjust the volume.</p> <p>2. Short press ■ key to switch to channel mode, then short press ▲ ▼ keys to adjust the channels.</p> <p>3. PTT: press this button whenever you wish to talk with the user of the other radio.</p>	<p> Scanning: It is convenient for the user to search for calls from other channels. When "Side Key 2" in the software is programmed to the scanning function, long press ■ key for two seconds to enter into the scanning mode, the transceiver will start to scan with the current channel. Operate it again to exit.</p> <p> Keyboard Lockout: Long press ■ key to lock all buttons, operate it again to unlock.</p> <p> Power Display: Short press power key to display the current battery level.</p> <p> Monitoring: Long press ■ key for two seconds to enter into the monitor mode, release it to exit.</p> <p> VOX: This function can be voice activated so the user doesn't have to press the PTT key. When "VOX level" in the software is selected, short press ■ key twice to enter into the VOX mode, then short press ■ key or ▲ key to turn on/off the VOX.</p>	<p> Chinese/English Voice Prompt: The transceiver has a manual switching function between the Chinese and the English. Switch to Channel 16, turn off the transceiver, then press both the power key and ■ key and meanwhile turn on the transceiver to switch between the Chinese and English.</p> <p> Time Out Timer(TOT): The purpose of the TOT is to prevent any single person from using a channel for an extended period of time. An alarm will sound if the transmission continues beyond the set time. The transceiver will stop transmission if this occurs. To stop the alarm, release the PTT key and the transceiver will return to standby.</p> <p> Busy Channel Lockout: The function can prevent interference from other transceivers using the same channel.</p> <p> High-Low Power: The transceiver has a high-low power selection, it can be programmed.</p>	<p> Battery Power Saving: If there is no signal or operation, the radio will reduce its power consumption. The battery power-saving function activates when the channel is unoccupied or has not been in operation.</p> <p> Low Battery Warning: If the battery power falls to the predetermined value during transmission, the transceiver will give out a voice prompt, please charge in time.</p> <p> Scrambling: It is a voice encryption mode which is different from sub audio.</p> <p> Companding: It is a function setting which prevents the inter-channel interference.</p> <p> CTCSS/DCS: The transceiver has 50 CTCSS and 208 DCS, also non-standard subaudio can be programmed!</p>	<p> SPECIFICATIONS</p> <table border="1"> <tbody> <tr> <td>Frequency Range</td> <td>462~467MHz</td> </tr> <tr> <td>Supply Power</td> <td>DC3.7V</td> </tr> <tr> <td>Memory Channel</td> <td>22</td> </tr> <tr> <td>Antenna Configuration</td> <td>Spring Antenna</td> </tr> <tr> <td>Work Mode</td> <td>Co/Differ-frequency Simplex Communication</td> </tr> <tr> <td>Ground Method</td> <td>Cathode</td> </tr> </tbody> </table> <p> TRANSMITTER</p> <table border="1"> <tbody> <tr> <td>Output Power</td> <td>30.16dBm</td> </tr> <tr> <td>Modulation Mode</td> <td>FM(F3E)</td> </tr> <tr> <td>Max. Frequency Deviation</td> <td>≤5KHz</td> </tr> <tr> <td>Sporadic Radiation</td> <td>≤7.5 μW</td> </tr> <tr> <td>Preamphasis Character</td> <td>Per Octave 6dB</td> </tr> <tr> <td>Emission Current</td> <td>≤1000mA</td> </tr> </tbody> </table> <p> RECEIVER</p> <table border="1"> <tbody> <tr> <td>Sensitivity</td> <td>< 0.16 μV (12dB SINAD)</td> </tr> <tr> <td>Audio Power</td> <td>≥300mW</td> </tr> <tr> <td>Audio Distortion</td> <td>< 5%</td> </tr> <tr> <td>Intermodulation</td> <td>≥60dB</td> </tr> <tr> <td>Interference Resistance</td> <td>≥300mA</td> </tr> <tr> <td>Receiving Current</td> <td>≤20mA</td> </tr> </tbody> </table> <p>▲ We May Change The Specifications For Technical Improvement Without Prior Notice.</p>	Frequency Range	462~467MHz	Supply Power	DC3.7V	Memory Channel	22	Antenna Configuration	Spring Antenna	Work Mode	Co/Differ-frequency Simplex Communication	Ground Method	Cathode	Output Power	30.16dBm	Modulation Mode	FM(F3E)	Max. Frequency Deviation	≤5KHz	Sporadic Radiation	≤7.5 μW	Preamphasis Character	Per Octave 6dB	Emission Current	≤1000mA	Sensitivity	< 0.16 μV (12dB SINAD)	Audio Power	≥300mW	Audio Distortion	< 5%	Intermodulation	≥60dB	Interference Resistance	≥300mA	Receiving Current	≤20mA
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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 Information (FCC SAR) :

RF Exposure Information (SAR) : The SAR limit of USA (FCC) is 1.6W/Kg averaged over one gram of tissue. Product Type: two way radio, model number: Power Talkie X-H2 (FCC ID: 2AV9PPOWERTALKIEXH2) has also been tested against this SAR limit. The device was test for typical body-worn operations and head face up operations keep the Tracker at least 25mm from the face.when worn on body must be correct back clip for this product, Use of non-approved accessories may result in exposure levels which exceed the uncontrolled environmental RF exposure limits.