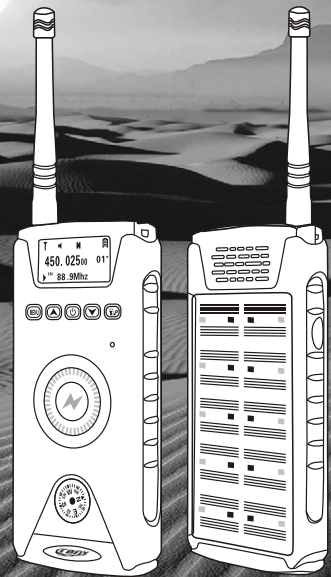




MULTI-OUTDOOR WALKIE TALKIE

PERFECT COMMUNICATION
HIGH CAPACITY POWERBANK

USER'S MANUAL



POWER TALKIE

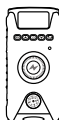
Using note items

This is an excellent design and advanced technology radio. Below advises will better help you to following the duties of in terms of repair, will better know the safety of using radio;

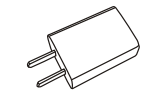
1. Please keep the radio and accessories in where is the children can not touch them;
2. Please do not disassembly radio, it will cause radio broken when non professional staff handle it;
3. Please use the standard battery and charger, avoid to damage the radio;
4. Do not keeping the radio under the sunshine with long time, or keeping it into the superheat place;
5. Do not keep the radio into where is full with the dust and damp;
6. Do not use Strong chemical products, cleaning agents or strong Lotion to cleaning the radio.
7. If it find that radio have the peculiar smell or smoke, please turn off the supply power of radio promptly, and contact with supplier about this case;
8. Do not put the power radio into fire.

Supplied accessories table

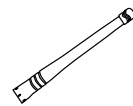
Project	Quantity
Radio	1
AC Adapter	1
Antenna	1
Intercom rope	1
Charging Cable	1
User's Manual	1



Radio



AC Adapter



Antenna



Intercom rope



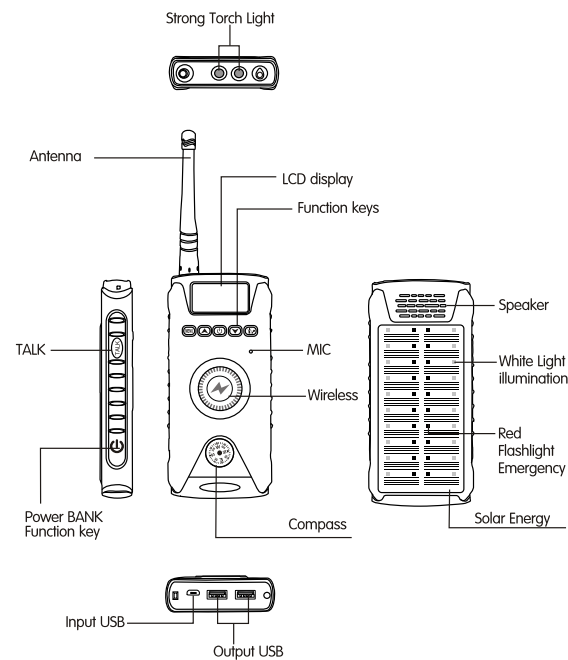
Charging Cable



User's Manual

- Power walkie-talkie is not fully charged before leaving the factory, please charge the mobile power before use.

Basic introduction of the radio



Function symbol description

The LCD display symbols of this unit are follows:

TX Indicates that it is transmitting.

RX Indicates that it is receiving.

Indicates that the transmission is in low power.

Indicates that the transmission is in high power.

Indicates that the beep switch is ON.

Indicates that there is currently an analog sub audio.

Indicates that there is currently a digital sub audio.

W/N Indicates the bandwidth of the two-way radio.

S Indicates that the power save switch is ON.

Indicates the battery status.

FM Indicates the FM radio frequency.

Basic operation

Turn on/off the radio

Press and hold the until you hear a “welcome” sound, and turn on the radio. Press and hold again until you hear a “beep” sound and turn off the radio.

Volume adjustment

Press + , the unit displays the current volume level, press or , increase or decrease the volume level.

Channel selection

The radio is in channel mode, press or key to select the channel.

Transmitting

Press and hold the button, the LCD will display , speak in normal tone. After the call is finished, release the button, the unit will switch to standby. When the transceiver receives the signal, the LCD will display . Please keep your mouth 3-5cm away from the microphone port when speaking.





Operating mode





Press **[MENU]**, then press **[▲]**, enter the menu navigation map. Press **[▲]** or **[▼]** to choose **[FM]**, press **[MENU]** and **[▲]** or **[▼]** to set work mode, Press **[MENU]** and **[▲]** or **[▼]** to select the parameter, press **[MENU]** to storage and exit.

Basic function settings

- [MENU]** + **[▲]**, Enter menu function navigation map
- [MENU]** + **[⏻]**, Enter volume level setting, press **[▲]** or **[▼]** to select the volume level.
- [MENU]** + **[▼]**, Set the frequency in full frequency mode, In the frequency mode: short press the **[MENU]** button + press the button to enter the frequency programming, short press the **[MENU]** button to enter the next digit, long press the **[MENU]** button to determine the frequency.
- [MENU]**, enter basic function operation. Press **[⏻]** to exit.
- [⏻]**, short press to switch the two-way radio and FM radio working status. Long press this key to turn on or turn off the radio.
- [▲]** or **[▼]** Used to select parameters.
- Short press **[⏻]** to Turn on the flashlight. Long press **[⏻]** to lock button.

Menu function operation

1. 		
Setting content	Optional	Operation metho
word mode	CH、 MEMORY、 VFO	Press [▲] or [▼] to choose
step	5K, 6.25K, 10K, 12.5K, 25K, 50K, 100K	Press [▲] or [▼] to choose
power	Low、 High	Press [▲] or [▼] to choose
SQL	0-9	Press [▲] or [▼] to choose
Bandwidth	Wide、 Narrow	Press [▲] or [▼] to choose
TOT	Off、 30S、 60S、 90S、 120S、 150S、 180S、 210S、 240S、 270S	Press [▲] or [▼] to choose
BCLO	Off、 On	Press [▲] or [▼] to choose
2. 		
Setting content	Optional	Operation metho
C-CTC/DCS	Off、 CTC、 DCS	Press [⏻] to switch, press [▲] or [▼] to choose
R-CTC/DCS	Off、 CTC、 DCS	Press [⏻] to switch, press [▲] or [▼] to choose
T-CTC/DCS	Off、 CTC、 DCS	Press [⏻] to switch, press [▲] or [▼] to choose
Scrambler	Off、 1-8	press [▲] or [▼] to choose
Compander	Off、 On	press [▲] or [▼] to choose
3. 		
Setting content	Optional	Operation metho
Store Channel		Press [▲] or [▼] to choose channel NO
Del Channel		Press [▲] or [▼] to choose channel NO
4. 		
Setting content	Optional	Operation metho
Scan		Press MENU to scan or Radio tuning

5.  (Optional function)		
Setting content	Optional	Operation metho
GPS		press MENU and LCD shows current location
6. 		
Setting content	Optional	Operation metho
Back Light	OFF、 ON、 5S、 10S、 15S	Press [▲] or [▼] to choose
Voice	CH、 EN、 Off	Press [▲] or [▼] to choose
Key Beep	On、 Off	Press [▲] or [▼] to choose
Language	English、 Chinese	Press [▲] or [▼] to choose
Key Lock	On、 Off	Press [▲] or [▼] to choose
Batt.Saver	On、 Off	Press [▲] or [▼] to choose
Offset	00.000-99.975	Press [▲] or [▼] to choose
SFT-D	Off、 +、 -	Press [▲] or [▼] to choose
LAMP Set	On、 30min、 1hour	Press [▲] or [▼] to choose
7. 		
Setting content	Optional	Operation metho
VOX Gain	Off、 1、 2、 3、 4、 5	press [▲] or [▼] to choose
VOX Delay	0S、 1S、 2S、 3S	press [▲] or [▼] to choose
8. 		
Setting content	Optional	Operation metho
Work Mode		
FM-R Watch	On、 Off	press [▲] or [▼] to choose
Store Channel		press [▲] or [▼] to choose channel NO
Del Channel		press [▲] or [▼] to choose channel NO

The QT Frequency Form

50 groups CTCSS frequency					
1	67.0	18	118.8	35	183.5
2	69.3	19	123.0	36	186.2
3	71.9	20	127.3	37	189.9
4	74.4	21	131.8	38	192.8
5	77.0	22	136.5	39	196.6
6	79.7	23	141.3	40	199.5
7	82.5	24	146.2	41	203.5
8	85.4	25	151.4	42	206.5
9	88.5	26	156.7	43	210.7
10	91.5	27	159.8	44	218.1
11	94.8	28	162.2	45	225.7
12	97.4	29	165.5	46	229.1
13	100.0	30	167.9	47	233.6
14	103.5	31	171.3	48	241.8
15	107.2	32	173.8	49	250.3
16	110.9	33	177.3	50	254.1
17	114.8	34	179.9		

The DQT Frequency Form

105 groups DCS code									
023	065	132	205	255	331	413	465	612	723
025	071	134	212	261	332	423	466	624	731
026	072	143	223	263	343	431	503	627	732
031	073	145	225	265	346	432	506	631	734
032	074	152	226	266	351	445	516	632	743
036	114	155	243	271	356	446	523	645	754
043	115	156	244	274	364	452	526	654	
047	116	162	245	306	365	454	532	662	
051	122	165	246	311	371	455	546	664	
053	125	172	251	315	411	462	565	703	
054	131	174	252	325	412	464	606	712	

SPECIFICATIONS

GENERAL	
Frequency Range	400-470MHz/136-174MHz
Rated Voltage	DC3.6V(Rechargeable Li-ion battery)
Memory Channel	22 channels
Antenna Impedance	50Ω
Working Manner	Same frequency single operation or different frequency single operation
Dimension	163x75x23mm(without antenna)
TRANSMITTER	
Output Power	≤5W
Modulation Mode(wide/narrow bandwidth)	16K φ F3E, 11K φ F3E
Maximum Frequency Deviation (wide/narrow bandwidth)	<5K/2.5KHz
Remanent Radiation	<7uW
Pre-emphasis Character	Per fold frequency patch 6dB
Emission Current	≤2.8A
CTCSS/DCS(wide/narrow band width)	0.75KHz 50Hz, 0.37KHz 30Hz
Modulation Sensitivity	12mV
Modulation Distortion	≤5%
RECEIVER	
Sensitivity	-122dBm (12dB SINAD)
Modulation Receiver Bandwidth	5KHz
Audio Power	1W
Audio Distortion	10%
Blocking	≥85dB
Intermodulation	≥60dB ≥55dB
Adjacent Channel Selectivity	≥65dB ≥60dB
Spurious Rejection	≥65dB

- Specifications are subject to change for improvements without notice.

Mobile power button operation instructions:

Press the **[⏻]** button to check the battery level.

Long press the **[⏻]** button: long press the **[⏻]** button for the first time, the solar panel white light is on, press **[⏻]** again to darken, then press the **[⏻]** white light off.

Long press the **[⏻]** button: long press the **[⏻]** button for the second time, the solar panel red light flashes, press **[⏻]** again to flash quickly, then press the **[⏻]** red light again.

The solar panel indicator lights are operated by buttons, switching between different states and cycling mode.

The D5 traffic light is a wireless charging status indicator.

Press the **[⏻]** button to check the power and turn on the wireless charger. The green and red lights flash alternately, and the red light is always on, indicating that the wireless charging is turned on. When load access is detected, turn The green light is always on, indicating that the wireless charging is working, and the removal load is turned red. When a foreign object is detected, the green light flashes quickly.

Prompt foreign object alarm for 5 seconds. Remove foreign objects and turn red light. It takes about 40 seconds to enter the sleep standby state.