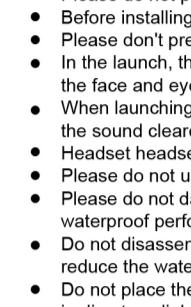




CE FCC ECO ISO9001:2008

Digital wireless interphone



AT	BE	CY	CZ	DK	EE	FI
FR	DE	EL	HU	IE	IT	LV
LT	LU	MT	NL	PL	PT	SK
SI	ES	SE	UK	BG	RO	HR

IMPORTANT ITEMS

Please read the instructions carefully before using.

Please keep this manual.

The direct mode, transfer mode, a cluster mode of operation, please consult your dealer.

Precautions for battery use:

- Please do not disassemble or refill batteries.
- There is a protective circuit inside the battery, disassembly or modification of the battery will lead to damage to the protection circuit, the battery may produce smoke, rupture or fire.
- Do not short-circuit the battery.
- Do not use any metal to connect the battery "+" pole and "-" pole, do not use metal object container to store and store battery. If the battery is short-circuited, it will produce too large current, the battery will heat, smoke, break or fire.
- Please do not place the battery near the fire, stove or other heater. Please do not burn or heat the battery.
- Batteries can produce heat, fireworks, breaks, or fires.
- Do not expose the battery to rain, snow, sea water or any other liquid.
- Do not charge or use wet batteries. If the battery gets wet, it must be dried before use.

Precautions for charger:

- Please do not plug the vent of the charger, otherwise it may cause internal parts damage and cause electric shock or fire.
- Please don't let the charger close to the radiator or heat source; please don't pad the paper under the charger.
- Please do not put the charger in a closed container and on the bed, sofa or carpet.
- Please do not place the charger in the bathtub, the pool, the swimming pool or the wet basement.
- Please do not press the power supply to bend or twist the pins.
- Please do not allow the charger to have stains, dust, water traces or food.
- Please do not put the charger in high temperature or exposure to the sun.

Notice of using device :

- Walkie talkie and battery do not charge when wet.
- Please do not place the interphone on the unstable surface.
- Before installing options, be sure to turn off the walkie talkie power supply.
- Please don't press the PTT key when you don't want to talk.
- In the laundry, the walkie talkie is not too close to or contact with the exposed parts of the body (especially the head and neck), please keep 2 centimeters away from the body.
- When breathing, the distance between the mouth and the microphone is 5 to 10 centimeters, which makes the sound clearer and reduces the electromagnetic radiation.
- Headset/earpiece connected to intercom, please reduce the volume of interphone.
- Please do not use the option which is not made by our company.
- Please do not damage the walkie talkie and the label on the back of the battery, otherwise it will reduce the waterproof performance of the walkie talkie.
- Do not disassemble the walkie talkie without permission, which may cause walkie talkie failure, and will reduce the waterproof performance of walkie talkie.
- Do not replace the radio at places where the ambient temperature is below -30 or above +60 centigrade or in direct sunlight.

Please do not use this device on the following occasions:

- Near explosive sites.
- On the plane.
- Near the gas station.

3 equipment assembly

Technical indicators

General specification	
frequency range (MHz)	400-470MHz
Working voltage	6.2V-8.4V
working current	DC 7.4V
Channel interval	12.5kHz
working temperature	-30°C~+50 °C
Max Antenna Gain	2.15dBi

Receive	
frequency range (MHz)	400-470MHz
Frequency stability	±1.0ppm
Simulation sensitivity	-120dBm(12 dB SINAD)
Digital sensitivity	-119dBm(BER 5%)
Intermodulation	TAIA003C: ≥50dB ETSI: 55dB
Adjacent channel selectivity	TAIA003C: ≥60dB ETSI: ≥12.5kHz
Receive stray radiation	<45dBm(1 GHz), ≥47dBm(10 GHz)
Block	≥84dB
Rated audio power	1W
Audio response	+1dB ~ -3dB
Rated audio distortion	≤3%

-1-

Launch

Launch	
frequency range (MHz)	400-470MHz
Frequency stability	±1.0ppm
Emissive power	Low: 1.0W, High: 5 W
Emission current	Low: <1.0A, High: <1.70A
Emission current	Low: <1.0A, High: <1.70A
Emission and stray radiation	-30dBm@1GHz...-30dBm@1GHz
Adjacent channel power	<60dB@12.5kHz
FM modulation mode	12.5kHz@12.5kHz
4FSK digital modulation mode	12.5kHz@data rate only; 7K60F1D 12.5kHz@data + voice; 7K60F1E
Modulation limitation	≤2.5kHz@12.5kHz
idle time slot power	<=57dB
Audio output	+1dB ~ -3dB
Rated audio distortion	<3%
Digital protocol	ETSI TS 102 361-1, -2, -3
Digital speech codecs	AMBE +2™

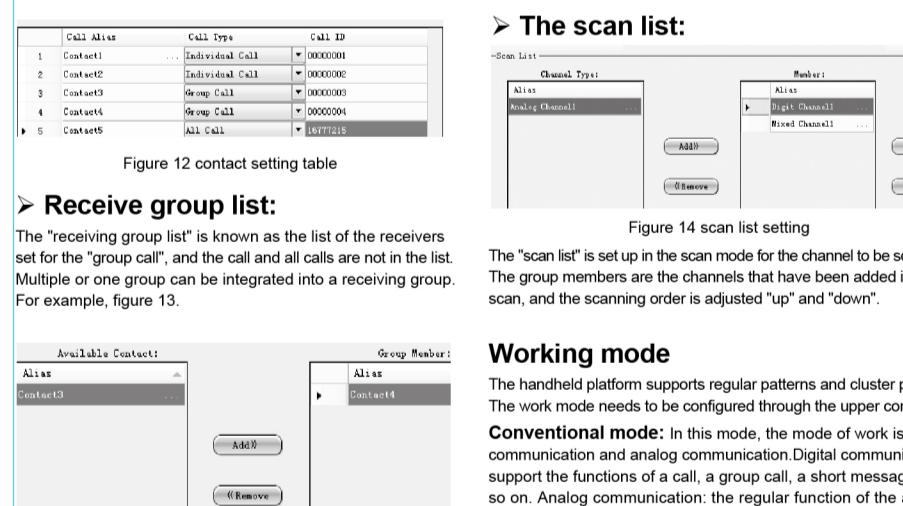
-1-

CONTENTS

1 Panel introduction	1-3
Button description	1
Shortcut key	2
Display function	3
Icon description	3
2 Basic operation	4-11
Powering on	4
Channel selection	4
Volume adjusting	4
Receive and launch	4
Menu description	5
Introduction of work pattern	5
The main functions of the conventional pattern	6-11
3 Equipment assembly	12-15
Battery installation and disassembly	12
Antenna installation and disassembly	12
The installation and disassembly of the belt clip	13
Side plug installation	13
Equipment accessories	14
Clean	14
Technical indicators	15

Introduction of the I panel

BUTTON DESCRIPTION



Equipment accessories

SERIAL NUMBER	PROJECT	NUMBER
1	Host	1
2	Battery	1
3	Antenna	1
4	Charger	1
5	Belt clamp	1
6	Instructions	1

Clean

- Please regularly use clean dry lint free or brush to wipe the dust on the surface of the product and the charging pole.
- The key, control knob and cabinet of this product are very dirty. Clean with neutral detergent and non-woven fabric. Don't use chemical agents such as detergent, alcohol, spray or petroleum preparation to avoid damage to the surface and shell. After cleaning, make sure that the product is completely dry, otherwise don't use it.

-14-

3 equipment assembly

Installation and disassembly of belt clip

- The belt clip card in accordance with the slot position and push down until you hear a "click" sound installation is complete.

Belt clip card

Side plug installation

- As follows, the right side cover is buckled from the upper end to reveal the headphone jack.
- When the headset is used, the headset two pins are inserted into the two holes.
- When using the write frequency line, the write frequency plug of 3.5mm is first inserted into the socket at the lower end, and then the machine is opened.

Antenna

FCC STATEMENT

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Compliance and Control Guidelines and Operating Instructions

To control your exposure and ensure compliance with the occupational/controlled environment exposure limits always adhere to the following procedures.

Guidelines:

- Do not remove the RF Exposure Label from the device.
- User awareness instructions should accompany device when transferred to other users.
- Do not use this device if the operational requirements described herein are not met.

Operating Instructions:

- Transmit no more than the rated duty factor of 50% of the time. To transmit (talk), push the Push-To-Talk (PTT) button. To receive calls, release the PTT button. Transmitting 50 % of the time, or less, is important because this radio generates measurable RF energy exposure only when transmitting (in terms of measuring for standards compliance).
- Hold the radio in a vertical position in front of face with the microphone (and the other parts of the radio, including the antenna) at least one inch (2.5 cm) away from the nose. Keeping the radio at the proper distance is important because RF exposures decrease with distance from the antenna. Antenna should be kept away from eyes.
- When worn on the body, always place the radio in a REDELL's approved clip, holder, holster, case, or body harness for this product. Using approved body-worn accessories is important because the use of REDELL's or other manufacturer's non-approved accessories may result in exposure levels, which exceed the FCC's occupational/controlled environment RF exposure limits.
- Use only manufacturer's name approved supplied or replacement antennas, batteries, and accessories. Use of non-manufacturer-name approved antennas, batteries, and accessories may exceed the FCC RF exposure guidelines.
- For a list of REDELL's approved accessories (see the user manual), or (The manufacturer should include the appropriate bracketed item(s) in the manual.)
- For a list of RDELL's approved accessories (see the user manual)