

# **Ushining**

## **Walkie talkie DJ02 User's manual**

Please read the instruction manual carefully before using this product  
The instruction manual is for reference only, the actual operation shall prevail.

# Overview



1	Antenna	The antenna
2	Torch	Torch light
3	PTT key/Save key	Push To Talk key
4	Up key	Press it to adjust channel / volume
5	Channel monitoring	Press and hold the key to enhance the receiving signal strength when you nearly lost connection with others
6	Lamp key	Press to turn on / off the torch Press for 4s to scan the channels
7	Down key	Press it to adjust channel / volume
8	Scan / VOX indicator	It show the status of Scanning or voice controlling
9	Volume level	It show the current volume level
10	Battery level	It show the battery

		level
11	Rubber(USB-C port)	There is USB-C port under the rubber for charging
12	Microphone	The Microphone
13	Call key/ Lock key	Press to call the other companion Press 3s to lock the keypad
14	Power key /Menu key	Press 3s to power on/off the device Press to enter menu to change settings
15	Speaker	The speaker
16	Channel No.	It show the channel number or setting number
17	Sub channel No.	It show sub-channel number or sub-setting number
18	RX / TX indicator	It show the status of receiving or transmitting

## Walkie-talkie operation instruction

1. Press the power key for 3S to turn on / off the walkie-talkie.
2. Uncover the rubber in the right side then connect with a USB-C cable to charge.
3. Menu key settings

3.1 Press the menu key for the 1<sup>st</sup> time to set the channel number (1-16 for Europe or 1-22 for USA), press Up / Down key to adjust it, press PTT to save.



3.2 Press the menu key for the 2<sup>nd</sup> time to set the Sub-channel number (off, 1-99), press Up / Down key to adjust it, press PTT to save.



**Note:** it need to set for the same channel and sub-channel for two or more walkie-talkie, then it can be connected in the same talking group.

3.3 Press the menu key for the 3<sup>rd</sup> time to set VOX (Voice Operation Transmission), 'OF' mean turn off the function, '1, 2, 3' for the sensitivity option for the function. Press Up / Down key to adjust it, press PTT to save.



3.4 Press the menu key for the 4<sup>th</sup> time to set the calling ringtone (1-10), press Up/Down key to select one ringtone, press PTT to save.



3.5 Press the menu key for the 5<sup>th</sup> time to set the keypad sound on or off.



3.6 Press the menu key for the 6<sup>th</sup> time to set the PTT ending sound on or off.



4. PTT (Push To Talk) key: Press and hold the PTT key and speak, release the PTT key to listen.

**Note:** talk to the device in the distance of about 5 cm away from mouth; do not block off the MIC hole.

5. Call / Lock key: Press this key to call the same group companion; Press and hold the key for 3s to lock the keypad, press it for 3s again to unlock.

6. MON key: Press and hold the key to enhance the receiving signal strength when you nearly lost connection with others

7. LAMP/Z key: Press the key to turn on / off the torch; Press and hold the key for 3s to scan the working channels, when finding a channel you need, press PTT key to save it.

## **Safety and precautions**

1. If you bring any kind of personal body medical equipment, please consult your doctor before use.
2. In order to avoid the risk of burns, if the antenna was damaged in any form, do not use the device.
3. Do not use the device near a radio station to avoid interference.
4. Make the device or antenna at least 5 cm away from your mouth.
5. The device cannot be used for emergency services.



## **Technical specifications**

Channel: 8/16/20/22

Sub-code: CTCSS 38 + DCS 61

Battery: Lithium battery 600mAH

Range: up to 3 kilometers (in open field)

Transmission power: 500mW

Modulation type: FMF 3E

Channel spacing: 12.5 / 25 KHZ

## **FCC WARNING**

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.

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

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.

**Specific Absorption Rate (SAR) information:** This Walkie talkie meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

**FCC RF Exposure Information and Statement.** The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. This device was tested for typical body-worn operations with the back of the Walkie talkie kept 0cm from away the body as well as the front of the Walkie talkie kept 2.5cm from away the face of human. To maintain compliance with FCC RF exposure requirements, use accessories that maintain more than a 0cm separation distance between the user's body and the back of the Walkie talkie. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

**Body-worn Operation** This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of more than 0 cm must be maintained between the user's body and the Walkie talkie, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.