

Instruction of Mobile Network Radio W2plus

■Safety Warning before use

Input DC 10-24V, please **Do NOT connect to 220V/110V** power supply, which may cause burn to the Radio.

Do not use the mobile radio in the explosive environments (such as gas , dust , steam , etc .)

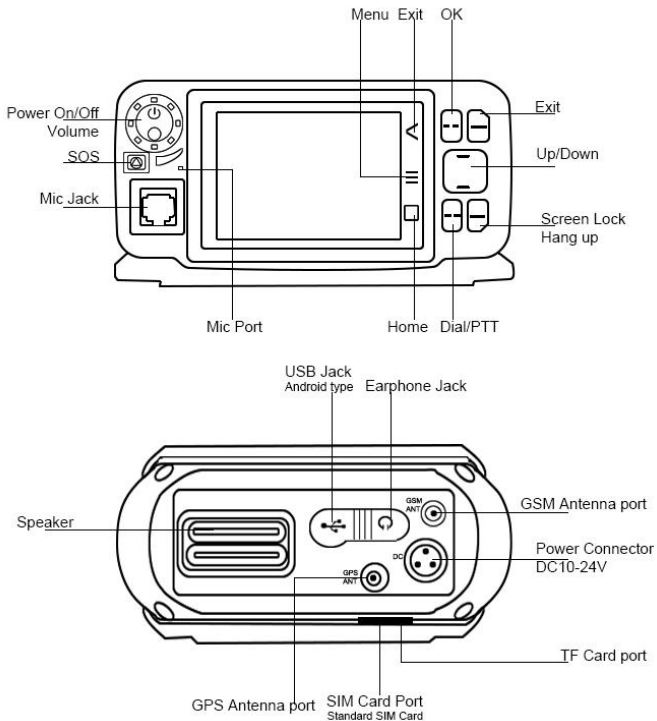
The machine can not be modified or adjusted for any reason.



Please don't let the mobile radio stand in sunlight directly for a long time , or put it near by the heating appliances.

Do not place mobile radio in extremely dusty ,moisture and water splashing places , and do not put in uneven surface.

Maintenance can only be carried out by professional and technical personnel.

■Get familiar to your Radio



Power /Volume	*Long press to On/Off the Radio (only for without acc cable) *short press for lock screen *Turn clockwise to volume+, Turn counterclockwise volume-
 SOS Key	*for talking app, Short press SOS key to send SOS message to Dispatcher, selected group or group members
< 	*Exit back to last Interface
Menu	*Shortcut to enter to the setting of the current page or function
Home	*Shortcut to home interface
OK	*Enter/ yes/ type message change line
Exit	*Exit current page or interface
Up/Down	*Up or Down direction control to choose
Screen lock/Hang up	*Hang up a call or close screen
Dial /PTT	*Talking app as PTT, shortcut to talking app /phone call dial interface

■Get started

First of all, you have to prepare a sim card (standard size) with data flow function activated for your network radio.

1.1 Connect ACC power cable to your Radio

Ex-work cable is with automatically power on function, for home power supply, red is positive, black is negative, blue is acc cable, please refer to the label on cable.

For install to car, connect acc cable will automatically power on when you start your car.

1.2 Install GPS & GSM Antenna to the radio

Please Install Antenna to the radio before use or there maybe no signal.

1.3 **Install SIM CARD:** bottom of the Radio is Sim card port (standard size), Open dust cover, insert the SIM card, and close the dust cover.

(How to choose SIM card?)

1.check radio frequency as data chart show; 2.Standard SIM size; 3.With economic data flow to save the cost; Choose the service provider stable signal)

1.4 Connect internet by wifi or data:

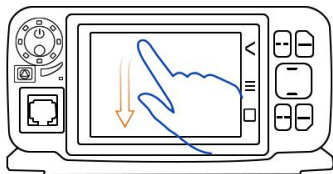
Download app

There are several method of download app.

2.1.Download the app from “Play Store”

2.2Search on “Browser” to download the app

2.3.Download from computer: Settings-->about phone-->Build number, click”Build number” 4 times: ”you are now a developer!” ,back-->”developer options”-->USB debugging ✓, then connect USB cable with radio (Android type), go to home page in the Notifications shade, which pulls down from the top of the screen.”connected as USB storage”-->”Media device(MTP)” ,choose it.



Now in computer Keep apk in file fold “my PC”-->”W2plus”-->phone storage--download

find this APK on the same path on your radio, tick it to install

2.4.Download to micro TF card, then install from TF card to the radio

Flash or Root right please refer to your agency as we highly require professional to operate.

Talking Platform Introduce: About Real PTT

3.1 Login Account on Mobile radio by type (area depends on server area: choose your country or the nearest, account **cost yearly fee**, need buy from radio supplier or local agency to get it)

3.2 Login PC Platform (dispatcher) to Manage your Radio and for more function
Download Real-PTT and login in your account, On PC Press "Space key" to Talk, and the other functions you can use your mouse to control.

3.3 Login Smart phone to talk



Download RealPTT APP and Same operate as you login on the mobile Radio.

There are more apps you can choose to talk: such as Zello, Echolink, walkiefleet. For more please contact us freely about the key value match issue

Standard Package

		
Mobile Radio*1	Microphone*1	GPS antenna*1
		
Network Antenna*1	ACC Cable*1	Bracket *1

Optional Accessories

	
Car Charger	AC adaptor

General Specification

CPU	MT6737M Quad core processor 64bit
RAM+ROM	1GB+8GB

OS	Android 7.0	
Screen Size	4.5 inches, 480x320mm	
Language	Multi languages	
Frequency band	EU version TDD-LTE: Band38/40/41 FDD-LTE: Band1/3/5/7/8/20 WCDMA: Band 1/2/5/8 GSM/GPRS/EDGE: Band2/3/5/8	US version FDD-LTE:Band1/2/4/5/7/12/13/17/ 28a/28b WCDMA: Band 1/2/4/5 GSM/GPRS/EDGE: Band2/5
Antenna	1)WCDMA/GSM with external antenna 2)GPS antenna with external antenna 3) BT/WIFI antenna is built-in FPC antenna	
GPS	GPS/AGPS	
USB	USB 2.0	
SIM Type	Standard sim card	
Dimension	170x80x85mm	
Weight	380g	
Working Voltage	DC 10-24V	
Working Temperature	-30°C to +75°C	
Platform Tested	RealPTT, Zello	
Talk Range	Limitless in WCDMA/GSM Coverage	
RF Parameter		
Maximum Output Power	WCDMA 2100/1900/900/850MHz: Power class 3 (+24dBm +2.5/-1.5dBm) GSM/GPRS 850MHz/900MHz: Power class 4 (+33dBm +2.5/-0.5dBm) GSM/GPRS 1800MHz/1900MHz: Power class 1 (+30dBm +2.5/-0.5dBm)	
Receiving Sensitivity	WCDMA 2100: ≤-108dBm WCDMA1900: ≤-109dBm WCDMA900: ≤-109dBm WCDMA850: ≤-109dBm GSM850/900/1800/1900: ≤-107dBm	
GPS		
GPS	GPS Positioning, Support A-GPS function,1.57542GHz;	
Sensitivity	Catch -144dBm, Track -159dBm	
Technical Sensitivity		
Data Speed Rate	GSM CS: UL 9.6kpbs/ DL 9.6kpbs GPRS: Multi-slot Class 10 EDGE: Multi-slot Class 12 WCDMA CS: UL 64kpbs/ DL 64kpbs WCDMA PS: UL 384kpbs/ DL 394kpbs	
Protocol	HSDPA/WCDMA/EDGE/GPRS/GSM	

we endeavors to achieve the accuracy and completeness of this manual, but it is still not perfect for any possible omissions or printing errors. All the above functions and design are subject to be updated without prior notice due to continuous development.