



Shenzhen Anysecu Technology Co., Ltd.

We are very grateful for your Choose our Anysecu two-way radios ,We believe Anysecu two-way radio, which always incorporates the latest technology, can bring great convenience to your life and work.

We also believe that the quality and function of Anysecu two-way radio can meet your demands for reliable communication.

HD300

UHF & WCDMA Dual Mode Radio





◆ Important Information

◆ Copyright

Anysecu authorized partners own the intellectual property of all the parts of this product (include accessories). Any design and materials may not be modified, copied, extracted or translated without the authorization of us or its authorized parties.

Due to the update or modification of the product, Anysecu owns the right to change the specifications of software and hardware described in this manual without further notice. Specifications and information contained in this manual are for reference only.

◆ Safety Information

Compliance with RF Exposure Standards

Your radio is designed and tested to comply with a number of national and international standards and guidelines (listed below) regarding human exposure to radio frequency electromagnetic energy. This radio complies with the IEEE and ICNIRP exposure limits for occupational/controlled RF exposure environment at operating duty factors of up to 50% transmitting. In terms of measuring RF energy for compliance with the IEEE and ICNIRP exposure limits, your radio radiates measurable RF energy only while it is transmitting (during talking), not when it is receiving (listening) or in standby mode.

Your radio complies with the following of RF energy exposure standards and guidelines

Institute of Electrical and Electronic Engineers (IEEE) C95.1-1992

Institute of Electrical and Electronic Engineers (IEEE) C95.1-1999 Edition

International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998

◆ Operating Instructions to control RF Exposure

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

1. Transmit no more than the rated duty factor of 50% of the time. To transmit, press the PTT button, and to receive the call, release the PTT button.
2. Keep your radio in a vertical position in front of the face with the microphone 5cm away from your mouth while transmit.
3. When worn on your body, keep the antenna 2.5cm away from you body while transmit.
4. Do not transmit when the radio is not equipped with an antenna. Transmitting without an antenna may damage the product and result RF discomfort.

◆ Using the designated accessories

Use the antenna, battery, adapter or charger supplied or sold by us only, or otherwise it causes damage to the product.

If you want to purchase or replace the accessories, please contact your local dealer.



◆ Area restrictions

1. To avoid of the problems caused by electromagnetic interference or electromagnetic compatibility, turn off the radio in any facilities where posted notices instruct you to do so, such as hospital and other health care facilities. Turn off the radio when on board an aircraft, if instructed to do so.
2. In the vehicle with an air bag, do not place the radio in the area over an air bag or in the air bag deployment area.
3. Turn off the radio before entering any area with a potentially explosive atmosphere or blasting caps.
4. Do not operate the radio, disassemble or charge the battery in the potentially flammable and explosive atmosphere (such as gas station, coal gas station, etc.).
5. Do not place the radio under the direct sunlight or near the area with heating devices.
6. Do not place the radio in the area with great dust, moisture or drips, or on the unstable surface.

◆ Operating Attentions

Antenna

Do not use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

Maintenance

Do not disassemble the radio by yourself. This product can only be maintained by the professional technicians. Contact us or your local dealer for help if you want to re-develop or modify the radio.

◆ Device Model: HD300


◆ Function interpretation



◆ Real PTT Platform Function Instruction








(please apply for account ID and password from the our partner(Real PTT) in advance or buy account from ANYSECU.)

Firstly insert SIM card into the device HD300,


Turn on(power on) the device model HD300: screw top  key to power on the radios.connect radio to PC to write real ptt account.

◆ Basic operate

Side Key
PTT 1 for GSM Walkie Talkie
PTT 2 for Analogue(UHF VHF) Walkie Talkie
SK1: Switch 3 display interface
SK2: Switch between channel1 and channel 2


Keypad
Press Left  Key, to enter Menu (Confirmation/MENU Key).
Press Right  Key (Exit Key) to exit.
Press  Green Key, to dialing.
Press  Red Key, to hung up.
Press  ◀ Key, to enter Group Selection.
Press  ▶ Key, to enter Member Selection.
Press  ▲ and ▼ Key, to switch frequency or channel number.
Press Number Key, to input the frequency or channel number or telephone number.

MENU

Press  Left Key (Confirmation/MENU Key), to enter Menu, the screen will display as follows:



Press  Key, to select the feature required.

Press  Left Key, to enter the Menu.

Press  Right Key, to exit.

RADIO INFORMATION

No.	Display	Sub-menu	Notes
1	Account Information	Abcde or abcde+1234	Display GSM account information of this radio.
2	Version Information	Ver: 2.0 2017-08-03	Display the version information.
3	GPS/Locate Information	Latit: Longi: Speed:	Display the version information.
4	Embedded Information		Display embedded information.
5	Last Programming time	Year-Month-Day 2017-08-04	Display the last programming time.

SYSTEM PARAMETER

Press confirmation key (left ) to select  then set following function:

No.	Display	Sub-menu	Sub-Menu setting notes
1	Backlight	Off	As long as operate the device(radio), the backlight will working for a while. Otherwise it is not on.
		On	The backlight will be working always.
		Auto 5s, 10s, 20s, 30s,60s	The backlight will be shut off after 5 seconds (10s,20s,30s and 60s).
2	Key Lock Mode	Manu(Manually lock the keypad or unlock)	Manually long-press # key to lock or unlock the keypad.
		Auto 5s ..30s	The keypad will be locked after 5s...30s. But re-start the device, the keypad is still locked.
		Auto 5s-S	The keypad will be locked after 5s...30s. But re-start the device, the keypad is still locked.
3	Power on Tone	Off Tone-1..5	Reminding Tone for Powering on.
4	Dual Standby Switch	Off	shut off Waiting Setting
		Only GSM network	Only switch on the function for GSM network
		GSM network + A channel + B channel	Switch on GSM network + A channel + B channel
		GSM network + A channel (or B channel)	Switch on GSM network + A channel (or B channel)
		Both A channel and B channel	Switch Both A channel and B channel
		Only A channel or B channel	Switch A channel or B channel
5	Prefer to receive	Analog mode	Prefer to receive analog signal
		GSM network mode	Prefer to receive GSM signal
6	Beep	On/Off	Switch on /switch off
7	Voice	Off Chinese Voice English Voice	Switch off voice prompt Voice prompt in Chinese Voice prompt in English
8	Transfer	Off On	Switch off the function for transferring Switch on the function for transferring
9	Launguage	Chinese/English	Select Chinese or English
10	Standby light	Off/On	Switch on the standby light Switch on the standby light
11	Headset transmit	GSM/analog	When use headset, select GSM/ analog two way radio to transmit.

ANALOGUE SETTING










Click  to press confirm key to enter to set it.

No.	Display Info	Secondary Menu	Secondary Menu Setting Instructions
1	Step-Channel Spacing	2.5K,5K,6.25K, 10K,12.5K,20K, 25K, 3K,50K,100K,500K	Choose the channel spacing among 2.5KHz/.../500KHz
2	SQL-Squelch Level	Level 0,1-10	Adjusting squelch level among 0-10 level, Higher Level, deeper Squelch
3	Roger-end tone	OFF/ON	Switch on/off the end tone
4	TOT: time-out timer	15S/.../270S	If Transmitting time is longer than the setting time of Time-out, the device as analog two way radio will automatically stop transmitting.
5	Scan		After switch on Scan function, it doesn't scan until at least 2 channels must be working in the frequency mode (VFO),
6	Scan Switch	Scan add/scan delete	Delete channel scanned Add scanning channel
7	Reset	config reset	Initialize the default frequency in the frequency mode .
		full rest	Initialize all setting, the password:000000
8	Priority Emission	Off	No priority emission channel,transmit the specified channel.
		Auto	Automaticall select channel to transmit
		Group A	Select channel-A to transmit
		Group B	Select channel-B to transmit

CHANNEL SET

Press  key to select  , to press confirm key to enter.

No.	Function	Sub-menu	Menu notes
1	TX Power	Low power/High power	Transmit in low power/ high power
2	Band Width	Narrow/Wide band	Screen display N or W if you select narrow/wide
3	Sft-direction of shifting frequency	Off	Emission frequency = receiving frequency
		-shifting frequency	Emission frequency = current frequency - shifting frequency
		+shifting frequency	Emission frequency = current frequency + shifting frequency
4	Offset-Shifting frequency	0.000-119.995MHz	The difference = emission frequency - receiving frequency

No.	Function	Sub-menu	Menu notes
5	CTCSS/DCS decode	Off CTCSS (67.0...254.1)	Press * key to select CTCSS or DCSN or DCSl. Press * key to turn off it. Press # key to switch between DSCN and DCSl.
		DCS (D023N...D754N)	
6	CTCSS/DCS encode	Off CTCSS (67.0...254.1)	Press [▲] / [▼] key to select the CTCSS/DCS required. Press number key (0-9) to input the CTCSS required .
		DCS (D023N...D754N)	
7	Reverse frequency	Off/On	Press left  to select  , then select Rev(reverse), enter to select Off/On .
8	Channel save		Press left  to select  , then select Channel Save, and then press [▲] / [▼] key to change the channel number (001,002..010...), then press left  again to confirm to save it.
9	Channel delete		Press left  to select  to enter, then select Channel delete, then press left  again to enter, then select the channel number (001, or 002) which you will delete. Finally press left  to confirm to delete it.

Groups list Selection

1. Enter Groups list

Press left  , to select  (groups list) .

2. Select Group required

Press [▲] Key,to switch to previous group.

Press [▼] Key,to switch to next group.

Press quickly,to skip other groups.




No operation within 10 Seconds, to auto-exit Group Selection.

If no group, there will prompt no group information.

3. Press Left Key, to enter the group you selected

4. Press Right Key, to exit group

Members/Friends Selection

Press left  , to select  (members list), or  (friends list) .

1. Enter Members list/Friends list Selection.

2. Select Members/Friends.

Press [▲] Key,to switch to next member/friend.

Press [▼] Key,to switch to last member/friend.



It will automatically exit members list/friends list mode without any operation within 10 seconds.

The screen will display “no members” or “no friends” if there is no members/no friends online.

3. Press left to select the member who you required to talk with, and enter temporary group. And then press to exit .

4. Press right to exit members list/friends list .

Network config : Press left  to select  to enter .

No.	Screen Display	Sub-menu	Menu notes
1	Single time-single calling time	Off/30s,60s...240s	It will automatically exit the single calling status in specified time (30s...240s).
2	Emission Tone	Off/On	Switch on/off emission confirm tone
3	Digit signal  31	Off/On	Digit signal strength(0,1...31), "31" means signal is best ( 31). "0 or 1" means signal is weakest .

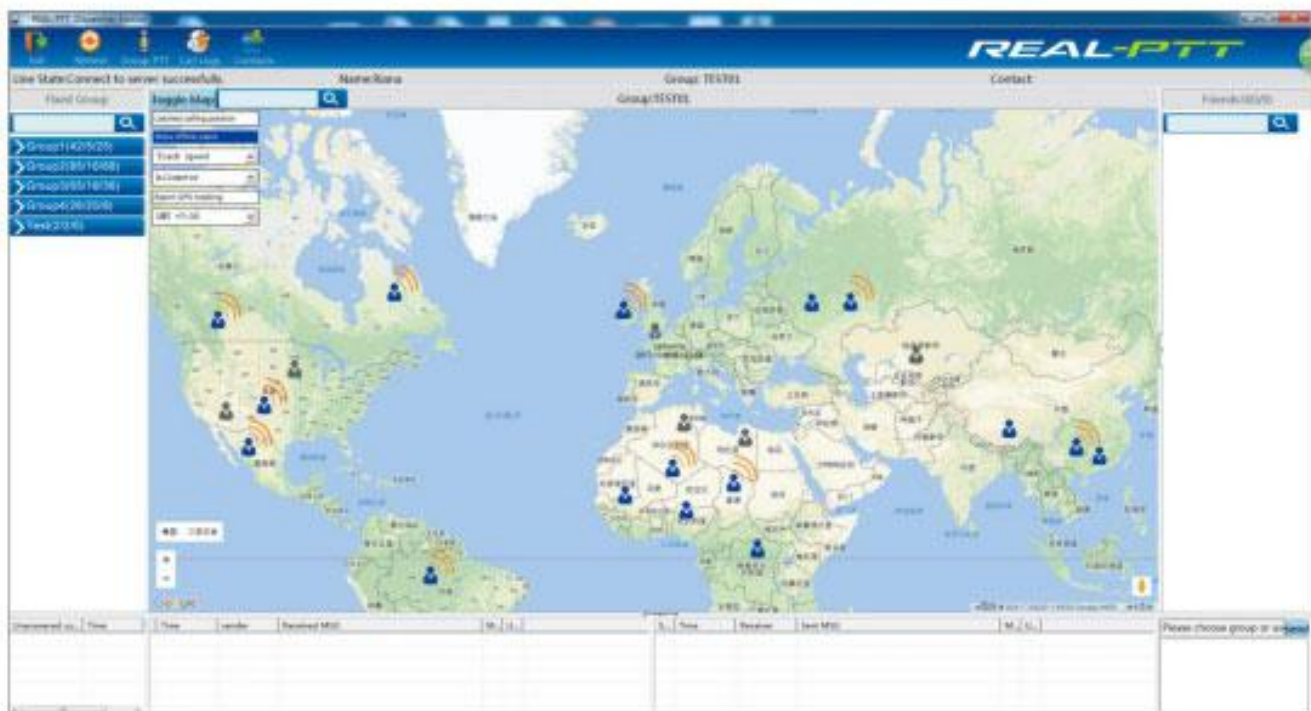
◆ the dispatch of Real PTT

Download Real PTT dispatch or smart phone app by scan the QR code or visit <http://www.szanysecu.com/Products/Products/HD6900IPRADIO> roll to the end



Login real ptt ,enter dispatch as follow, press “space”key to make call

More advanced Functions: About PC dispatch



Main Function Introduce

1. Icons:
 -  off line users
 -  on line & Talking
 -  on line users
 - 2.Fixed Group:Users can be in many group, Users talk to Group Users
 - 3.Meaning of the Numbers of Group(x:total users/x:on line users/x:talking users)
 - 4.About Toggle Map: Switch to Google Map display mode or Users Display Mode
 - 5.Group PTT: Making Call to now in Group Users
 - 6.SOS: users send SOS to you
 - 7.Local Audio/Network Audio: Talk recorders
 - 8.Make call on PC Dispatch: press "Space"Key on keyboard
 - 9.Send Message to Users:Choose Users and send Message.
- PS:As the functions is easy to understand, no more details here

For Software
PC Dispatch



Main parameter

Frequency Range	GSM(2g) 850/1800MHz UMTS(3g/WCDMA) 900/2100MHz GSM(2g) 850/1900MHz UMTS(3g/WCDMA) 850/1900MHz
Platform	REAL PTT (SMART PTT)
SIM type	Standard sim card 3V SIM/1.8V SIM
Analog frequency	400-480MHz
Analog channel	128
Analog transmit power	<5W
Dimension	140x65x45 mm (excluding antenna)
Weight	347 g

Trouble shooting

No.	Problem	Causes and Solutions
1	The radio prompt: Insert Sim card properly	SIM card not insert SIM card data not on SIM card slot have dust or break
2	Network failed	please check the account write correctly; Please check URL correctly; Please check if APN are required; Please check antenna installed correctly Please check SIM Card data is on Please make sure account is valid; Real PTT Server problem