

RADTEL RN15 Fast Operate Manual

Section I: How To Connect VR-N7500 With Cell-phone

1 , For Android user

Go to Google Play download ,Search "HT",
the icon as right photo.

Scan the QR code to download the HT APP
or visit the website:

<https://www.radtels.com/pages/software-download>



For IOS user

Search 'BS HT' in APPLE store to download

2 , Open the app, select-[BIND NEW DEVICE]. Turn-on the radio, then press **orange key** twice or open the [Pairing] in the menu to enter the pairing state , a 'BEEP' will be heard and red-green light flashing means the radio is now in pairing status

3 , Select the scanned device then bind it

4 , Some mobile phone Bluetooth pairing requires authorization, so **MUST** check the phone menu, select to confirm Bluetooth pairing can be paired successfully.

Warm:

Before starting to use the device, please be sure to install the antenna before turning it on
(the radio will be damaged if it is not connected to an antenna).

Function keys:



①Power and volume switch.

Turn the top knob clockwise to switch on. The volume increases clockwise, and decreases counterclockwise.

When using a wireless hand microphone or earphone, please note whether the Speaker setting in the HT App is Off or Auto, both settings will make the volume knob useless.

②BDS+GPS built-in antenna position. (Do not press, make the position is face to the open air when receiving BDS or GPS signal)

③P1 key (orange key). (Custom functions can be set in the APP)

- 1. [Double-click the top button] It is used when pairing external devices such as mobile phones, Bluetooth headsets, wireless PTTs, wireless hand microphones, etc. The "ding-dong" prompt sound enters the external pairing state, waiting for pairing with the external device. You can also directly open the [Pairing] in the menu to enter the pairing state.
- 2. [Short press] to turn on or off the radio, and coordinate with the up and down keys on the keyboard for radio tuning. Press the up button to search the radio frequency up, and press the key to search down the radio frequency.
- 3. [Long press] emergency alarm key.
- ④PTT key
Press and hold the PTT transmitter button, and then speak in normal voice. Release the PPT button to receive the signal.
- ⑤ P2 key. (Custom functions can be set in the APP)
【Click】 Next channel (increment).
[Double-click] Direct frequency switching.
[Long press] Radio prohibition switch.
- ⑥P3 key. (Custom functions can be set in the APP)
【Click】 Previous channel (decreasing).
[Double click] T-Call (transmitting 1750 signaling).
[Long press] Switch between high and low power.
- ⑦ Shortcut keyboard.
Refer to the detailed explanation below for detailed key functions.
- ⑧Headphone jack:
Dedicated headphones can be connected.

Keypad Function keys:



- ①Up key.
Page up.
- ②OK/Enter key.
In the menu mode, press this key to enter the menu setting.
- ③Menu key.
Turn on the menu function.

④ Down key.
Page down.

⑤ Back/Change screen key.

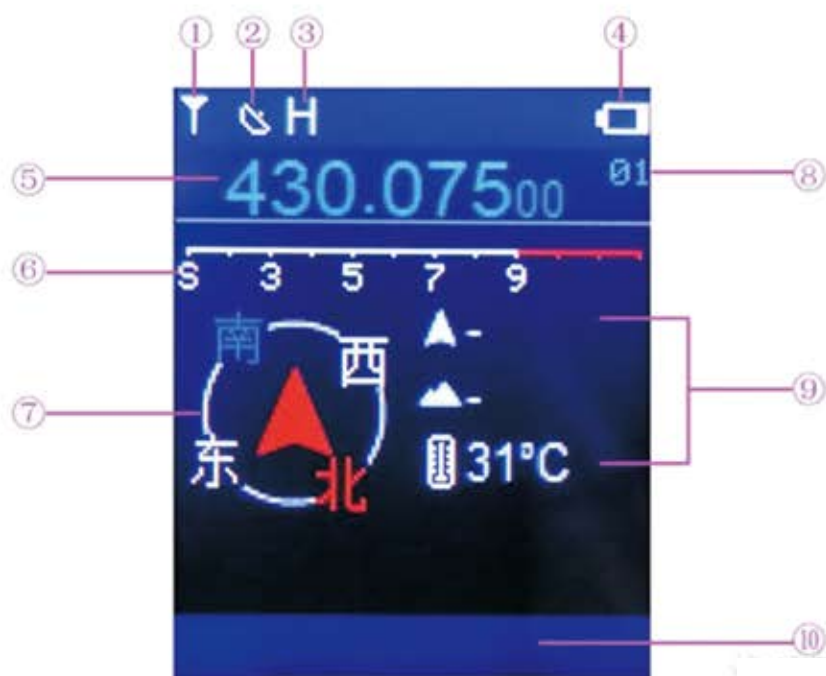
In the menu mode, it is the return key.

In the standby screen mode, it is the switch screen key. Press this key repeatedly to switch back and forth between the three screen modes.

⑥ Exit key.

Exit the current setting.

Icon function (1)



① Radio.

Represents the normal standby state of the radio.

② BDS/GPS satellite.

On behalf of the BDS/GPS function. BDS+GPS is turned on by default when powering on.

③ Power icon.

H stands for high power and L stands for low power.

④ Battery power.

Battery level display. (The specific battery percentage can be queried by entering [Status] in the menu)

⑤ Main band frequency.

Display the current frequency of the main segment.

⑥ Field strength table.

When receiving, display the receiving field strength indicator.

⑦ Electronic compass.

Display the electronic compass.

⑧ Channel:

The current channel of the current frequency.

⑨ Auxiliary data.

[Speed] The current speed when receiving the BDS/GPS.

[Altitude] The altitude when receiving the BDS/GPS.

【Temperature】 Current temperature

⑩ Status bar.

After receiving the BDS/GPS or connecting the mobile phone, the actual time and date of satellite time service or network time service will be displayed.

Electronic compass



① Sensor prompt icon.

The "=" icon in the middle of the electronic compass means that it is disturbed by the external environment. You need to enter the menu [Compass] and perform correction operations according to the on-screen instructions. At this time, after entering the menu [Compass], the screen will prompt "Please place the device on a level surface (screen facing up), and then press the [OK] button in the upper left corner of the keyboard.

② Sensor prompt icon.

The "8" icon in the middle of the electronic compass indicates that it is disturbed by the external environment. You need to enter the menu [Compass] and perform correction operations according to the screen prompts. At this time, after entering the menu [Compass], the screen will prompt "Please calibrate the sensor according to the figure 8 rotating device".

At this time, please hold the device and stretch it forward, and draw the figure eight (ie "∞") quickly and forcefully. It is better to complete one to eight characters in about 2 seconds.

Tips: Try to keep the device away from strong magnets, which will affect the device sensors.

If it is sometimes close to a strong magnet, the screen will prompt an icon, and the icon will be restored immediately after it is far away, and no correction is required at this time. If the electronic compass is found to be unresponsive during use, please enter the menu [Compass] to calibrate the sensor to avoid being misled by the strong external magnetism.

Icon function (2)

① Main band

After dual standby is turned on, the frequency of the main band will be red.

② Sub band

After the dual guard is turned on, the sub band frequency is blue.

③ Transmitting

The arrow up ^ means transmitting, and the arrow down v means receiving.

④ Scan.

It means the scanning function is on.

⑤ Direct frequency.

It means that the direct frequency function is on.

⑥ Connect to mobile phone.

The device is connected to the mobile phone.



⑦ Channel.

The channel corresponding to the primary and secondary segments.

⑧ Field strength:

The receiving field strength indication of the receiving frequency band.

⑨ Auxiliary data.

[Speed] What the current speed is when receiving BDS/GPS.


[Altitude] What the altitude is when receiving BDS/GPS.

【Temperature】 Current temperature.

⑩ Status bar.

After receiving the BDS/GPS or connecting the mobile phone, the actual time and date of satellite time service or network time service will be displayed.

Manual frequency setting



① → Refers to the next digit of the cursor. Press this key to move the cursor to the next digit.

② ↓ Refers to each choice of receiving and transmitting parameters, that is, selecting the item that needs to be adjusted. Pressing this key will move the cursor to the next item.

③ Cursor. Under the current cursor, you can use the up or down keys to select the specific value you need.

Split screen display



①

②

③

① The user's name or call sign can be displayed in single standby. (Pre-set via APP)

② Display the last contact information received. Such as the name or call sign of the other party, as well as location information and location direction.

③ Display a list of recently received contact information. Press the key to select the list of information to be viewed. And press [Enter] key to enter to view the detailed location information and location direction of the other party when communicating.

Note: In the standby mode, please press the [Back] key on the upper right corner of the keyboard to switch back and forth between the above three screens.

Section II:How To Connect to Bluetooth Accessories?

1 , Connect to Bluetooth PTT

Open the [Pairing] in the menu to enter the pairing state, a 'BEEP' will be heard. Long press the bluetooth PTT, red-green light flashing means the bluetooth PTT is now in pairing status

2 , Connect to Bluetooth speaker mic

Open the [Pairing] in the menu to enter the pairing state., a 'BEEP' will be heard. Turn on the bluetooth speaker mic, double press to enter pairing status.

Section III:How To Edit the frequency?

Turn on the APP, Long press the channel square, then select **【 Edit Channel 】** , When you edit the completion channel parameters ,click **【 save 】** to save the Channel Parameters.



Section IV : Create internet channel (For Android only)

1 , Turn on APP , select **【join network channel】** / **【create a new channel】**

2 , Create channel name and password. Free to join if no password

3 , Click **【SAVE】**

Section V: Bind network channel (For Android only)

1 , Long press ID image, select **【Login】** , select **【Register】** to Register the account.

2 , Select **【join network channel】** / **【join existing channel】** , click **【magnifier】** icon , type the channel name to join in. Enter the password if need.

3 , Long press on a channel square that you needed, select **【Bind network channel】** , then select the network channel you joined to bind

Section VI: Turn on Network repeater function (For Android only)

1. Under the network channel you are bound to, press and hold **【Relay Mode】** to realize network and analog communication. (Note: To achieve network-analog communication, you must have the administrator qualification of the network group. If not, then no allow to operate)

2. **【Sync radio config】** means 'synchronous radio configuration', this function can synchronize the analog frequency of the network channel bound to the network channel into the same parameters (with the consent of the members, please be cautious)

Section VII: Turn on/off signal TONE


If you want to share your GPS information with your peers,

ID signaling must all be turned on

Long press the ID photo to enter the following interface:

Click **【Identification Information】** to enable/disable signaling, if **【Location】** On, Signaling tone is coming with position Signal

Section VIII: Turn on audio relay

Open the APP, enter the frequency page, click setting icon , select  **【General Settings】** ,turn on **【Audio relay】** to implement the audio relay function (this function does not depend on the network)

