

INSTRUCTION

RFinder-B1

Water Ingress caused by improper operation and willful damage to LCD are not covered by warranty!

Failure to follow the safety instructions below may result in unnecessary injuries to the user or damage to the device. Please read the information carefully prior to use it.

Traffic safety

Do not use the device while you are driving.

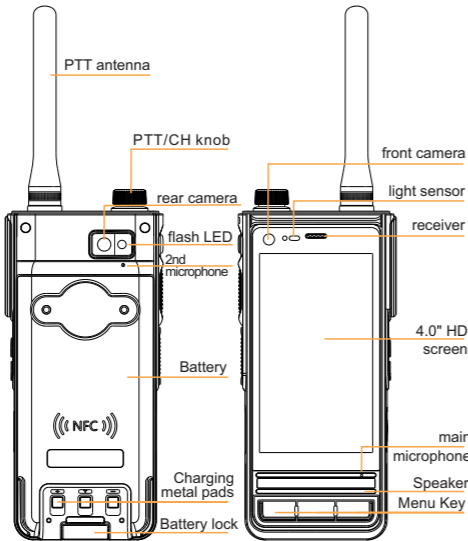
Switch on safety

Do not switch the device on when wireless connection is prohibited or it may cause radio interference.

Accessories and battery

Only original spare parts and battery can be used in this device.

Part Name



In hospital
Please turn off the device if it is forbidden for use near some medical instruments.

On the plane

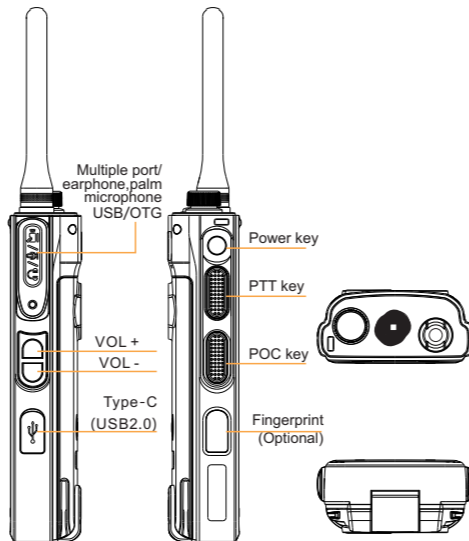
Please turn off the device when you are on a plane because wireless device may interfere with the radio communication system.

Gas station

Do not use the device near gasoline station or in hazardous environment.

Qualified service engineers

Only qualified engineers are allowed to replace and repair the device.



Part Name

Power on/off

Turn on the device by pressing the Power button till the screen is on.

Removing the Battery Pack



Install Micro-SIM/TF Card



Unlock the battery lock and open the rubber cover, put SIM card and T-flash card accordingly.

Airplane mode

Setting--More--Airplane mode

Restore factory settings

Setting--Reset--Restore factory settings

Join RFinder Android Radio Group on Facebook

Every owner is on the design team...join us in the group to get the latest tips and tricks, beta builds, help, etc. If you do not have a FB ID, create one you do not have to share anything just use it to log in.

Getting Support

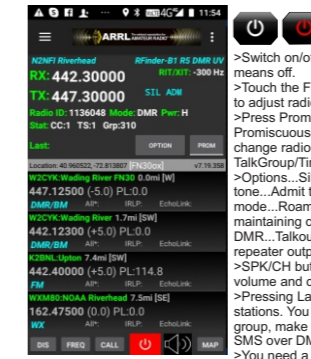
Have a look in the Facebook group, post questions. You can also message with one of our admins! Our support line is +1.631.610.9635.

How To Set Up/Use Radio Properly

Prior to set up the radio, you should install the antenna properly

Open the RFinder app

1. Often check Play Store for a newer version. Set Auto-Update if possible.
2. Touch the Frequency display at the top. Change to DMR and enter your DMR ID. Press Send to Radio. Press Close. Press the radio power button to shut off and turn on again.
3. On list display you can pull out the menu by sliding your finger from the left of the screen to the middle. In the menu choose **BM Hotspot Mode** and press **Refresh Groups**. Open the menu again and choose **Continental Preload** and choose your Continent. Open the menu again and choose **Advanced Settings** and set the offset to -300. This can be adjusted to your environment but -300 is a good baseline. This shifts the center Frequency to accommodate other radio brands and hotspots. Open the menu once more and choose **Load DMR User DB**. This can be done as

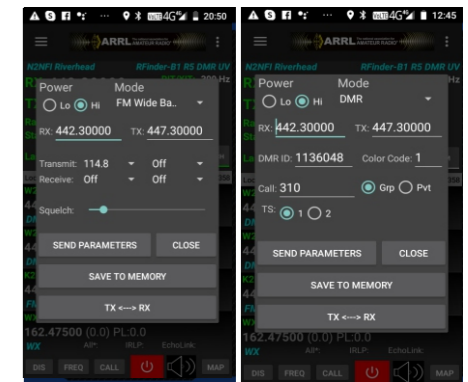


>Switch on/off button. Red means on, gray means off.
>Options... Silent turns on/off TX tone... Admit turns on/off DMR Repeater mode... Roam lets you change F while maintaining current TS/TG in DMR... Talkout puts you simplex on repeater output F.
>SPK/CH button swaps the knob between volume and channel.
>Pressing Last: label shows the last heard stations. You can choose to switch to the group, make a private call and in the future SMS over DMR to the operator!
>You need a subscription. If you need to renew Menu-Subscription info.

How to set up channel

Use the Menu-Memories function. To add a memory preset, Enter the VFO screen by touching the FDA. Adjust your settings and pres **Save to Memory**. Virtually unlimited memories in virtually unlimited zones.

How To Set Up/Use Radio Properly



Properly setting up for analog radio
Prior to setting, you should know radio or repeater's transmit frequency, reception frequency, TX CTCSS and RX CTCSS etc

Tx frequency
136-174mHz or 400-470mHz.

Rx frequency
136-174mHz or 400-470mHz..

Tx CTCSS
Tx CTCSS consists of 0 to 265 levels, 0 means Tx CTCSS is mute.

Reception frequency
The range of receive frequency is same as the range of transmission frequencies, if the TX=RX frequencies, DMR uses DMO, if TX<RX radio uses Repeater Mode.

Rx Ctcss

Indicates RX CTCSS, RX CTCSS range is same as TX CTCSS

Sensitivity

SQ sensitivity have 4 levels, open/loose/normal/tight. we suggest to select normal. Generally set this to level 1

How To Set Up/Use Radio Properly

DMR

Call ID

For Ham, obtain DMR ID from radioid.net. Enter ID, **Send to Radio, power radio off/on**

Tx frequency

Frequency range same as FM

Rx frequency

Frequency range same as FM

Color code

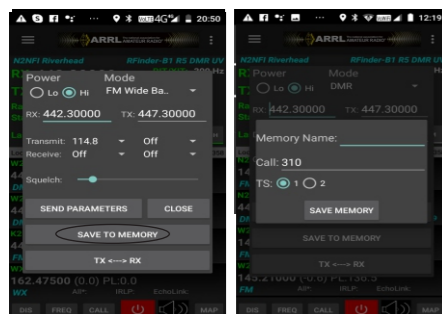
select range 0-15.it should be same color code between the talking devices.

repeater slot

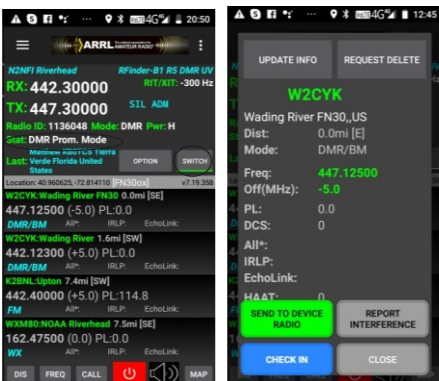
slot 1/2,

Contacts

Ham users, Update contacts using **Menu-Load DMR User DB** as often as you wish, even during reception! Pro users update their Organization's contacts automatically



How To Set Up/Use Radio Properly



Press a repeater listing and then choose the green button on the next page. Choose the TG you want to communicate on. The TG and TS will generally be available for Ham DMR/Marc repeaters. For BradMeister, you can choose any TG on any TS. Use the **Prom** button to listen to all Talk Groups on all Time Slots on BrandMeister to find an slot that is not busy. Options:**Silent** toggles the courtesy tone on/off. **Admit Mode** toggles between Repeater and Direct modes on DMR. **DMR Roam** changes Frequency without modifying TG/TS. **Talkout** puts the radio on simplex on the repeater output in Direct mode.The speaker icon to the right of radio power toggles the knob between volume and channel (on the currently chosen Zone in **Menu-Memories**.

Warranty

Notice:

▶ The warranty policy shall in essence abide by the rules and regulations of local authorities, and may vary from country to country.
▶ Please do ask you local supplier for detailed explanation of the warranty policy. However, for your information, we normally cover one year warranty service for radio from the date of invoice, and 90 days for battery and accessories.

1 To the fullest extent permitted by law, warranty service may only be performed by supplier or authorized service centers.

2 May conduct diagnostic tests on customers' products to identify the causes of failures/defects. Before returning any unit for service, customer should back up data and remove any confidential and/or personal information from the product. Supplier is not responsible for damage or loss of any program, data, or removable storage media.

3 Prior to contacting a service agent, please ensure the following information is at hand: model, serial number, and IMEI number if available, customer's full address and contact information, purchase Order number, a copy of the original invoice/receipt.

4 This warranty does not cover the following cases.

- 1 If the product serial number, IMEI number or warranty seal is illegible or has been removed, erased, defaced, altered, and/or tampered. If any accessory or external part of the product is missing.
- 2 If any damage occurred in/on the outer surface of the product, including but not limited to cracks, dents or scratches on the exterior cases, screens, camera lenses, buttons and other attachments.
- 3 General maintenance, password reset assistance, cleaning, application update/installation, product demonstration, or any other service other than repair/replacement.
- 4 Deterioration of the product caused by normal wear and tear, including but not limited to rust or stains.
- 5 Any other circumstances that are contradictory to or not in compliance with business ethics.

Warranty

5 Supplier will determine whether a product is "Out of Warranty" according to the standards listed below.

6 Repair of Out of Warranty products shall be separately quoted by the service center and respective service shall be provided upon a service fee payment.

7 Violation of the warranty terms, invalidate warranty, expired warranty, or other reason are not guaranteed.

8 During the warranty period, a violation is defined as: customer induced damage, such as self-repairs, exposure to water, damage caused by misuse, alternation, failure to comply with product manual, etc.

The Failure Table of Device

Name	Performance Failures
Mobile body	The specification listed invalid
	No display screen
	Can not boot, log in or communicate
	No ringing
	Dialing errors
	Abnormal shutdown
	SIM card contact failure
Adapter	Button is off control
	No sound, one-way silent or abnormal volume
	It does not work or work improperly
Mobile terminal card	can not charged by using specified charger
	work improperly
	work improperly
External wired headset	work improperly
Data card	work improperly

The Failure Table of Mobile Phones

Maintenance records

The first maintenance record _____
Name of Maintenance Agency _____
Date of Maintenance _____
Malfunction _____
The reason of Malfunction _____
The solution of Malfunction _____
The proof of return or replacement _____
Date of inspection _____
The original IMEI _____
The new IMEI _____
Maintenance personnel signature _____
Service agent stamp _____

The second maintenance record

Name of Maintenance Agency _____
Date of Maintenance _____
Malfunction _____
The reason of Malfunction _____
The solution of Malfunction _____
The proof of return or replacement _____
Date of inspection _____
The original IMEI _____
The new IMEI _____
Maintenance personnel signature _____
Service agent stamp _____

Rugged Phone & Two Way Radio

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