# RF28
# User Manual

## Safety Information

1. Always charge in a safe environment, never charge the radio near flammables. Only connect the charging cable to a reliable computer, or power adapter USB port!
2. Do not use the radio near water or in wet environments. Avoid splashing the radio with water or other liquids, never allow the radio to be immersed in any liquid!
3. Do not use this product where the temperature is over 104F (40°C)!
4. Dispose of properly, no not place the radio into a fire; rechargeable batteries carry a risk of explosion!

## Chapter 1 What Is In The Box

1 x FM Radio
1 x Charging Cable
1 x Audio Cable
1 x Battery
1 x User Manual

## Chapter 2 Charging Battery

(1) When the battery is low, the screen will flash, or the radio may have problems reading from the USB connection or the memory card; in this case, you need to recharge the battery by using the USB charging cable. Plug the micro USB connector into the charging port (DC 5V) on the radio and the other end in to a computer or USB power adapter. Charging time is 3-5 hours.
(2) While charging, the LED charging indicator will turn red. If the light does not come on, check the connections at the USB plugs and make sure that the computer or power adapter are plugged in or have power.
(3) Once the battery is fully charged, the red light will turn green.

## Chapter 3 Getting to Know RF28



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|---|---|
| 1 Volume Knob | 10 Play/Pause/Mute |
| 2 DC 5V Charging Port | 11 Next Track/Channel, Fast-forward |
| 3 USB Port | 12 Function (FM/USB/TF/AUX) |
| 4 LED Charging Indicator/Light | 13 Play Mode (Single/Folder/All) |
| 5 Audio Input | 14 Shutdown Timer |
| 6 Earphone Output Jack | 15 Channel Scan (Auto) |
| 7 TF Card Slot | 16 Save/Delete Channel |
| 8 Power ON/OFF | 17 LED Flashlight |
| 9 Previous Track/Channel, Rewind | 18 0-9 Number Keypad |

## Chapter 4 Function

▬ : Volume control. Adjusting the volume level, scrolling left to turn up the volume, scrolling right to turn down the volume.
**DC 5V:** 5V charging port to recharge the radio.
**USB:** This port allows for the connection of a USB Flash Drive - the radio will play music files (MP3/WMA) directly from the flash drive.
**LED:** LED charging indicator/LED flashlight.
**AUX:** Audio Input jack allows to plug in the 3.5mm audio cable (included), then the radio can be used as an external speaker for mobile phone, computer and so on.
∩ : Earphone output jack, allows to plug in the earphone, then the audio will transfer to the earphone, and the speaker will become mute.

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▭ : TF card slot. Plug in the TF card with MP3/WMA files and then the MP3/WMA files can be played. Please note the orientation of the card and never force it into the slot.
⏻ : Power ON/OFF switch, press and hold for 3 seconds to turn on or turn off the radio.
|◄◄ : In USB/TF mode, press momentarily to switch back to the previous MP3/WMA file; while press and hold for two seconds to rewind. In FM mode, press momentarily and back to the previous channel.
►|| : In USB/TF mode, press momentarily to play or pause the MP3/WMA file. In FM mode, press momentarily to mute the audio.
►►| : In USB/TF mode, press momentarily to advance to the next MP3/WMA file; press and hold for two seconds to fast-forward. In FM mode, press momentarily and switch to the next channel.
**MODE:** Function switch to select USB/TF/FM/AUX.
⇄ : Press once to show "ONE" on the screen, the radio will play the current MP3/WMA file once time; pressing twice will show "FOLDER" on the screen and the radio will loop through all MP3/WMA files in the current folder; pressing three times shows "ALL" on the screen and the radio will loop through all MP3/WMA files on the flash drive.
🕐 : Shutdown Timer. In FM/USB/TF mode, "Time·xx·min" should be the time in minutes that you want to elapse before the radio shuts down. For instance, the first press shows "Time-30-min", means the radio will automatically shut down after 30 minutes, likewise for 60, 120, 240 minutes; The last press shows "OFF", it indicates the radio turned off.
**SCAN:** In FM mode, press momentarily, then will automatically scan and memorize channels.
**Memory Delete** : With the radio in FM mode, enter your desired radio station (frequency) by pressing 0-9 number keypad directly, then momentarily press this button to save the channel, you will see the word "SAVE" on the screen; you can continue to enter and save stations, one after the other. To delete a channel from memory, go to that channel, then press and hold the Memory/Delete button for 3 seconds, you will see "DEL" on the screen, indicating that the station has been deleted.

🔦 : One press momentarily to turn on the LED flashlight, one more press to turn it off.
**0-9:**
**In USB/TF mode**
The number keys (0-9) can be used to select a specific MP3/WMA file- for example, press 1+6+8 to select the 168th MP3/WMA file. If you select a song/number that does not exists, the radio will return to playing the current selection.
**In FM radio mode**
A. Number keys 0-9 can be used to select one specific station from memory - for example, successively press keys 1+5 to select the 15th channel. If you select a station that is not in memory, the radio will return to the current station.
B. Number keys 0-9 can be used to input specific station frequency - for example, successively press key 8+9+8 to select 89.8 MHz.

## Chapter 5 FM Mode Operation

The radio will scan for, and remember all available channels for your location - the first time you use the radio, you should scan for channels as follows:
(1) Choose a good place to use the radio; near a window, a high location, or in an open area without interference.
(2) Completely extend the radio antenna, then press the "MODE" button to switch to the FM mode (first menu in default setting)
(3) Press the "SCAN" button momentarily, it will scan the frequencies and save all available channels, then the radio will automatically go to the first channel that was saved.
(4) After the scan is complete, you can press "|◄◄" or "►►|" to choose your desired channel.
(5) If all channels are deleted, you will need to rescan for channels.
*Here are some reasons that may cause no radio reception*
A. No stations have been scanned yet.
B. The radio has been moved to a new area, or the radio signal is affected by the obstruction of buildings, high mountains, or forest.
C. No radio stations are available in the area.
D. Interference by other radio frequency, electromagnetic waves, or when charging.

## Chapter 6 Save/Delete Channels

**A. Save Channels:**
a. Input your desired channel frequency by pressing the "0-9" number buttons, then save the channel by pressing the button "Memory Delete". For example, for the frequency "106.2MHz", you can press number buttons "1, 0, 6, 2" successively and then press the button "Memory Delete", a "SAVE" word will show on the screen, which means the channel has been saved.
b. When the channel list has been added, you can press the button "|◄◄" or "►►|" or press the "0-9" number buttons to choose the channel you want (For example, if one of your desired channels is saved as NO.1 channel, then you can press number button "1" to play this channel.)
**B. Delete Channels:**
Press the button "|◄◄" or "►►|" to choose the radio channels you do not want, then press and hold "Memory Delete" for 3 seconds, the screen will show "DEL", to indicate that the channel has been deleted

### Appendix A - Specification

Output Power: 3W (Max)
FM Radio Frequency: 87.5-108MHz
Frequency Response: 150Hz-18KHz
Input: DC5V⎓500mA