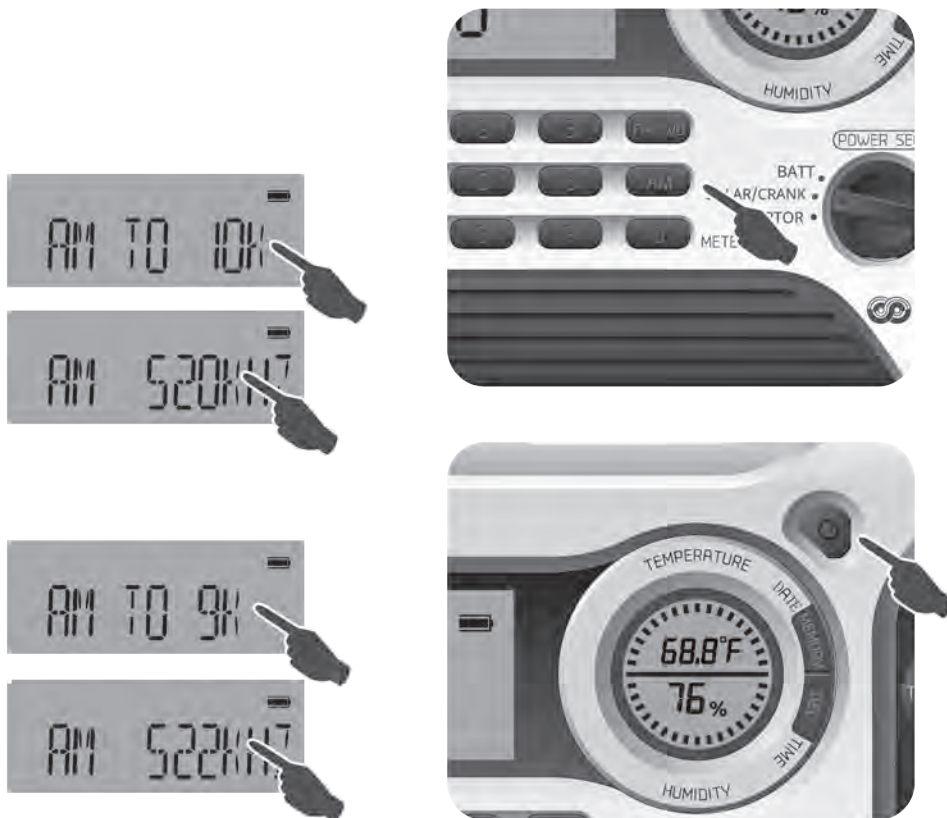


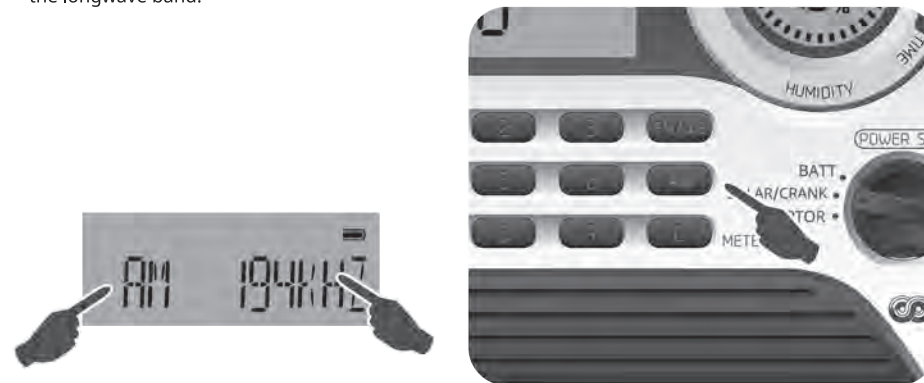
In the off mode, press and hold the **AM, Shortwave (Meter band) and Longwave band select button 10**, then long press the **power switch 1** button. After a few seconds, the LCD screen will display the adjusted AM band frequency step value. Release this **AM, Shortwave (Meter band) and Longwave band select button 10** to complete this function adjustment.



The step value of this display will be the tuning step value of the AM band after the next power-on. Correspondingly, the frequency range of the AM band will also change synchronously. By undoing the same operation, you can easily switch between different tuning frequency step values and frequency ranges in the AM band to suit different regions and AM broadcast.

Longwave Band Operation

When the radio is on, press the **AM, Shortwave (Meter band) and Longwave band select button 10** continuously. When the LCD screen displays a frequency between 194 kHz and 521 kHz, the radio enters the longwave band.



When the radio is in Longwave mode, use the ferrite bar antenna built into the radio body, eliminating the need for a straight pull antenna on the top of the radio. Change the position and angle of the radio for better reception.

Then use the custom tuning method (see previous sections) to search for the desired station. until you find the remote radio station you expect.

To achieve your desired volume level, use the **sound volume control knob 4** for volume adjustment.



WARNINGS!

When attempting to tune in radio stations, stay away from electrical equipment and AC power disturbances. Optimize the use of antenna to improve signal reception. When tuning the radio indoors, stay near the windows for better reception. The AC current can interfere with the radio reception, please use batteries to power the radio while tuning.

Shortwave (Meter Band) Band Operation

When the radio is on, press the **AM, Shortwave (Meter band) and Longwave band select button 10** continuously.

When the radio's LCD screen displays a frequency higher than 2300 kHz, indicates that the radio enters the shortwave (Meter band) band.

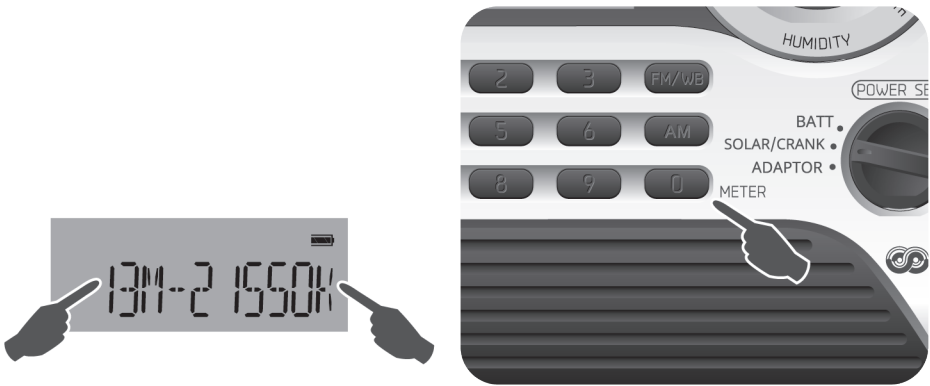


On the left side of the LCD screen, the range of the Meter wave band is displayed.

When the radio is in Shortwave (Meter band) band, extend the **straight pull antenna 23**, then use the custom tuning method (see previous sections) to search for the desired station. until you find the remote Shortwave radio station you expect.

When used in this band, the LCD screen will display the Meter band range sign at the same time.

By pressing the **Meter band select and number 0 button 11** continuously, the user can quickly and successively switch between different Meter wave of range in the Shortwave band.



When the frequency tuning range is not in the Meter wave band, the Shortwave band display returns to the normal state, and the 'AM' sign will appear on the left side of the LCD screen.



In any case, selecting and combining different tuning frequency modes helps the user to quickly search for the desired broadcast station.

To achieve your desired volume level, use the **sound volume control knob 4** for volume adjustment.



When attempting to tune in radio stations, stay away from electrical equipment and AC power disturbances. Optimize the use of antenna to improve signal reception. When tuning the radio indoors, stay near the windows for better reception. The AC current can interfere with the radio reception, please use batteries to power the radio while tuning.

 Meter Band Frequencies Range Table

Meter Band (m)	Frequencies Range (kHz)	Meter Band (m)	Frequencies Range (kHz)
120 m	2300 - 2550 kHz	25 m	11400 - 12000 kHz
90 m	3150 - 3450 kHz	22 m	13500 - 13900 kHz
75 m	3850 - 4050 kHz	19 m	15000 - 15800 kHz
60 m	4700 - 5100 kHz	16 m	17450 - 17950 kHz
49 m	5700 - 6500 kHz	15 m	18850 - 19100 kHz
41 m	7100 - 7700 kHz	13 m	21450 - 21950 kHz
31 m	9200 - 10000 kHz		

LCD Backlit

This radio has 2 LCD screens, a primary LCD screen in the middle section as the main display, and a secondary round screen for displaying ambient temperature and humidity. Both are enabled with automatic back light. While the radio is in use, pressing a button or turning a knob or a switch will activate the back light.



The duration of the backlit illumination depends on the time of the last operation. After the backlit is activated for 15 seconds, the LCD screen backlight will automatically turn off.



WARNINGS!

When the batteries used by the radio are almost exhausted, the backlit function will be disabled.

Digital Clock

When the radio is used for the first time, after the battery is installed, the digital clock function will be activated and the LCD screen will automatically start timing from 12:00 until the user resets.



While the radio is off, long press the **delete and time setting function button 6** on the front panel of the radio to start setting the digital clock display to local time.



When the time setting function is triggered, the hour value displayed on the LCD Screen will start to flash, indicating that the hour value of the clock is setting.



Then use the radio's **digital tuning and adjust dial knob 2** in the right side of the radio to adjust it to the local current hour value.



Press the **delete and time setting function button 6** again, the minute value displayed on the LCD screen will start to flash, indicating that the minute value of the clock is in the setting state. Use the radio the **delete and time setting function button 2** again to adjust it to the local current minute value.



Press the **delete and time setting function button 6** again to save the current local time value and exit. The radio will return to the off state.

If all the operations are not completed in the clock setting, the radio will automatically return to the previous running time display.



CAUTIONS!

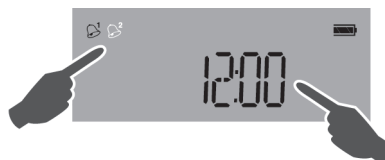
The clock display mode of this radio uses a 12-hour format. When the radio is turned on, the LCD screen will automatically enter the clock display mode about 10 seconds after the user's operation is completed.

Alarm Clock

This radio has two independent alarm clock settings available.

While the radio is off, long press either **alarm clock 1 38** or **alarm clock 2 37** buttons to initiate alarm set up, the corresponding alarm clock icon will flash at the upper left corner of the display.

While the icon is flashing, repeat the procedures for setting the clock to set up the alarm time.



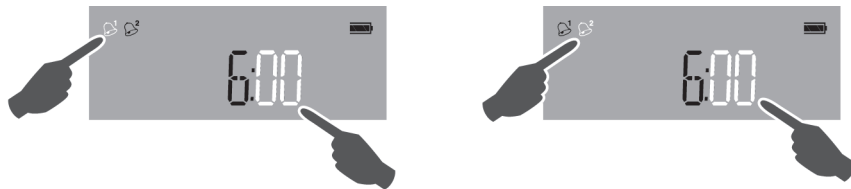
Before the first use, the default setting time of each set of alarm clocks is 12:00, users can adjust them according to their own needs.

While the radio is off, long press these **alarm clock 1 38** or **alarm clock 2 37** buttons respectively to enter their time setting mode. Their respective icons and hour values will begin to flash.



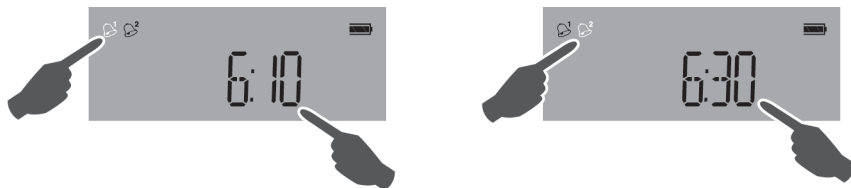
Then use the radio's **digital tuning and adjust dial knob 2** in the right side of the radio to adjust them to the hour values of the alarm time that the user expects.





When the hour value of the alarm is set, continue to press these **alarm clock 1 38** or **alarm clock 2 37** buttons of the alarm clocks to set the minute value of the alarms separately. The minute value of the alarm clocks will begin to flash.

Next use the radio's **digital tuning and adjust dial knob 2** in the right side of the radio to adjust them to the minute values of the alarm time that the user expects.



When the minute value of the alarm is set separately, next press these **alarm clock 1 38** or **alarm clock 2 37** buttons again to settings the time values when the respective alarms turn on the radio.

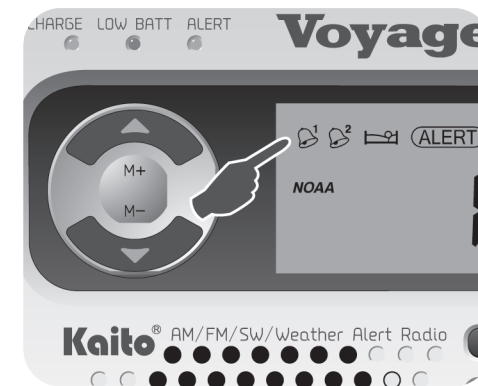


The time for each alarm clock function to turn on the radio can be set from 1 to 99 minutes. When the respective alarm function activates the radio, the radio will automatically turn off when it reaches this delay time setting values.

Next use the radio's **digital tuning and adjust dial knob 2** in the right side of the radio to adjust them to the delay time values of the alarms function that the user expects.

When the delay time value of the alarm is set separately, next press these **alarm clock 1 38** or **alarm clock 2 37** buttons again to save the respective settings and exit.

When the time reaches the alarm clocks setting values, the two sets of alarm clocks will automatically turn on the radio and play the user-set radio station. The alarm clock icons on the LCD screen will also begin to flash separately to alert the user.



WARNINGS!

Make sure the radio has enough battery power to power up the alarm to set the time.

Set the volume of the radio to your desired output level. Avoid low volume, which can cause the alarm function to fail.

Sleep Timer

Regardless of the radio's operational status, press the **sleep timer button 35** will immediately enter the sleep timer function setting. The sleep timer  icon and the 90-minute timer shutdown time will be displayed on the upper of the LCD Screen.



By press this **sleep timer button 35** continuously, this sleep timer time value can be setting as 90, 60, 30, 10 or 5 minutes.



After the user selects a sleep timer time value among the 5 setting values, pause any operation and wait for the radio to save the settings and return to or turn on the radio.



When the radio is turned on and the sleep timer  icon is displayed on the LCD screen, it indicates that the radio's timer shutdown function has been activated. If there is no manual intervention, the radio will automatically turn off when the set time of the sleep timer comes.

During the setting of the sleep timer, the user can also directly return or turn on the radio by continuously press the **sleep timer button 35** without selecting any of the set values.

When the sleep timer function is running, the user can also observe the remaining time of the sleep timer by press only the **sleep timer button 35** once.



WARNINGS!

The sleep timer function will be cancelled each time the radio is turned off until the next time it is activated again.

Snooze Function

When the radio function is activated by the alarm clock function, pressing the **snooze and key lock functions button 34** immediately turns off the radio for 5 minutes, and then activates the radio function again by the alarm. At the same time, the  icon of the snooze function will be displayed above the LCD screen. When the snooze function ends, it will also disappear on the LCD screen.

It can be reused in the alarm clock function.



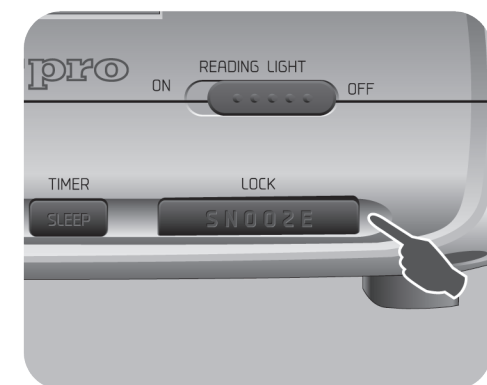
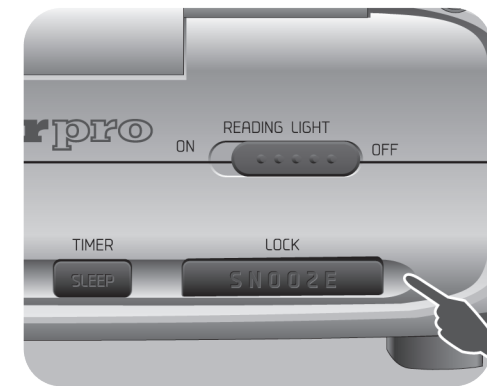
CAUTIONS!

This snooze feature is only available in the alarm clock function.

Key Lock Function

This radio has a key lock function that allow the user to preserve the current setting by temporarily disabling all the keys, buttons, and knobs.

In any working state, long press this **snooze and key lock functions button 34**, the  icon will appear above the LCD screen, indicating that the key lock function has been activated.



When the radio's key lock function is activated, almost all buttons and tuning functions will be locked, including the power switch. Until you long press this **snooze and key lock functions button 34** again, the key lock function is disabled. The  icon on the top of the LCD screen will also disappear.

Line-in Function

The radio has an audio Line-in function to be used as an active loudspeaker by connecting it to another external audio device such as a laptop, computer, cellphone or other audio player with an line-in connect cable.

Plug one end of the line-in connect cable (not included) to the audio output jack or earphone jack of the media device, and then other end plugs into the **ø3.5mm Line-in audio input jack 26** on the rear of the radio.

Then power on the radio, the 'LINE IN' symbol will show on the LCD screen, and then play the audio in the media device, the radio's built-in speakers will amplify the sound.



To turn off this Line-in function, remove the line-in connect cable directly from the **ø3.5mm Line-in audio input jack 26**.



When using this Line-in function, all other running functions will stop immediately.

Earphone Jack

The radio is equipped with a Ø3.5mm stereo earphone jack on the input and output functions dock of the rear side, which supports headphones for private listening.



Do not listen to the radio with the headphones for a long time. Do not use excessively high volume when listening to the radio with headphones.



Important Safety Information



Please read the user's manual before first use of the radio.

If the radio is not used for a long period of time, remove all the AA batteries to prevent potential damage due to possible battery leakage.

Do not keep the radio in an environment with a temperature over 140°F because characteristics of the internal parts may be adversely affected by heat, especially never leave the radio in a car and exposed to direct sunlight for a long period of time. The radio's shell may become deformed and may result in deterioration of the performance.

Do not use benzene thinner or any abrasive powder to clean the radio's shell. Wipe it with a soft cloth moistened with a mild soap and water solution.

To prevent electric shock, do not open the radio's case. Only qualified personnel may carry out repairs.

Do not placed the radio in water, or close to fire.

Please do not allow children access to the radio.

Since a strong magnet is used for the speaker, keep magnetized commuter passes, credit cards, recorded tapes, watches etc. away from the radio. The speaker magnet in the radio may damage them.

Do not place the radio near strong magnets such as those used in amplifier, television set, speaker boxes etc. as these may cause the frequency to drift.

Do not drop or give the radio a strong shock, because the product is composed of precise parts.

When listening in a train, car or building, use the radio near a windows to obtain the best possible reception. Reception may be difficult in a tunnel or subway. Also note that operating the radio on a metal object may adversely affect reception.

Specifications

Frequency Range:

FM Band: 87.0 MHz - 108.0 MHz

AM Band: 520 kHz - 1710 kHz @ 10 kHz Step

522 kHz - 1710 kHz @ 9 kHz Step

SW Band: 2300 kHz - 23000 kHz

LW Band: 149 kHz - 521 kHz

Meter Band: 120 m|90 m|75 m|60 m|49 m|41 m|31 m|25 m|22 m|19 m|16 m|15 m|13 m

Weather Band: 162.400 MHz

162.425 MHz

162.450 MHz

162.475 MHz

162.500 MHz

162.525 MHz

162.550 MHz

Noise Limit Sensitivity:

FM $\leq 10 \mu\text{V}$

AM $\leq 1 \text{ mV/m}$

LM $\leq 1 \text{ mV/m}$

SW $\leq 30 \mu\text{V}$

Earphone Jack: Ø3.5 mm

Line-in Jack: Ø3.5 mm

Speaker: Ø2½ inches

Power Source: Built-in Rechargeable Ni-MH Battery 3.6V

AA Batteries 1.5V x 3 (Not Include)

External Adapter DC 6V|200mA (Optional)

Dimensions(Approx): 9½ (L) x 2½ (W) x 6 (H) inches

Weight(Approx): 1 lbs (Included Built-in Rechargeable Ni-MH Battery)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.