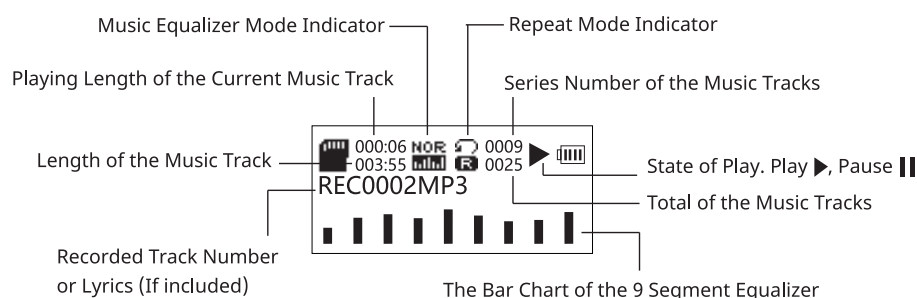


Listening to the Recorded Files

Select the [Music] mode in Main Menu and enter the MP3 Player function, all recorded files and current music track of numbers can be displayed on the LCD screen.

Use the Tuning dial knob or the [+] and [-] buttons to select your desired recorded files and playback. You can also enter the series number of the music track through the numeric buttons to directly select the track you wish to play. For more operation information refer the Music Play chapter.



Music Play

When inserted with a Micro-SD card, you can use the radio's music player to playback audio tracks such as MP3, WAV or WMA format files.

Select the [Music] function in the main menu mode, press the [MENU] button to enter the music play mode. The LCD screen will show the information of the music tracks.

In the radio play or other mode, press the [Radio|MP3] button to switch to the music play mode.

Play or Pause functions

When entering the music play mode, the current music track will be played automatically.

Adjust the radio's volume to an appropriate level. Press the [►||] button to repeat select the state of play such as play or pause.

When the music track is played, press the [►||] button will pause the music playback, press the [►||] button again to resume the music playback.

Choose the Music Tracks

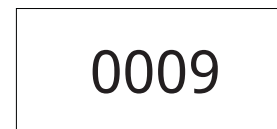
In the music play mode, above the LCD screen are four sets of numbers that indicate the total number of music tracks, the series number of the currently playing music track, the length of the currently playing music track, and the progress of the currently playing music track.

Use the Tuning dial knob or the [◀◀] and [▶▶] buttons to select the desired music track file and playback. When making your choice, watch for changes in the serial number of the currently selected music track at the top right of the LCD screen.

You can also enter the series number of the music track through the numeric buttons to directly select the playback you wish to play. Enter the serial number of the 4-digit music track directly using the numeric buttons, and the music player will play the music track of your choice.

For example:

If you 'd like to select the music serial number 0009 to play, type the 0,0,0 and 9 four figures with the numeric buttons, as shown in the figure. After a brief pause, the music player will start playing your choice of music tracks.



CAUTIONS!

If there are less than 4 keyed in numbers or if the keys are not entered continuously in a timely fashion, this feature will not be completed automatically.

This radio can manage as many as 9999 music track files and up to 32G of storage space.

Fast Forward and Backward Functions

When playing the music tracks, press the [◀◀] or [▶▶] buttons to select the previous or next music track.

When playing a music track, press and hold the [◀◀] or [▶▶] buttons to fast backward or fast forward within the current music track playback. The time length of the currently playing music track at the top left of the LCD screen will change rapidly.

▶ Music Loop Playback Mode

When playing the music tracks, repeatedly press the [↺] button to choose the loop playback mode as follows:



Repeat All



Repeat Folder



Random



Repeat One

Repeat All Mode: This loop playback mode arranges all the music tracks on the Micro-SD card in numerical order, and plays all music tracks in a single loop.

Repeat Folder Mode: This loop playback mode arranges all the music folders in the Micro-SD card in numerical order and plays all the tracks in a single loop.

Repeat One: This loop playback mode will repeatedly play the single music track of your choice.

Random: This loop playback mode will randomly play all music tracks on the Micro-SD card.

▶ Sound Equalizer

When the music is playing, repeatedly press the [EQ] button to select the sound equalizer mode from one of the below:



Normal



Pop



Rock



Jazz



Classic



Soft

This sound equalizer can only be used in the music play mode, choose a different equalizer for different sound effects of your choice.

Bluetooth Connection

In any work mode, press the [Bluetooth] button to enter the Bluetooth play mode.

In the Bluetooth play mode, the Bluetooth symbol always displayed on the LCD screen. Open the your mobile device's Bluetooth connection function to search the radio's Bluetooth identification mark "Kaito" and choose it to connect.

After the connection is successful, you can play the music or music applications on your cellphones or Bluetooth mobile device through the radio's stereo speakers.

You can also use the tuning dial knob or the [+] or [-] buttons to choose the music tracks on your Bluetooth enabled devices.



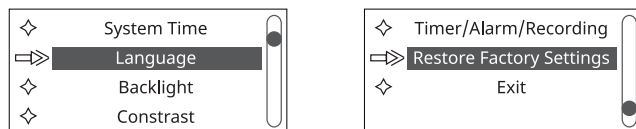
CAUTIONS!



In the Bluetooth play mode, some button functions will be disabled.

System Settings

In the main menu mode, select and the [🔧] icon and press the [MENU] button to enter the system settings.



System Time: System date and time setup function

Backlight: LCD screen backlight timer setup function

Language: System language setup function

Contrast: LCD display contrast setup function

Timer/Alarm/Recording: Sleep timer, keypad tones, clock alarm and recording setup functions

Restore Factory Settings: Restore factory settings function

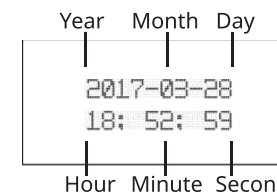
Exit: Exit the sub-menu and back to the main mene mode

Use the [MENU], [+], [-] or [ESC] buttons and the tuning dial knob to choose and set up those settings to your want.

System Time

Select the [System Time] submenu in system settings, press the [MENU] button to into the date and time settings.

Repeatedly press the [MENU] button to highlight the setting item by moving the cursor, then use the tuning dial knob or the [+] and [-] buttons to adjust them to match the current date and time, such as year, month, day, hours, minutes or seconds. Then use the [ESC] button to save and exit the system time setting submenu.



CAUTIONS!

If you do nothing during the setup process, it will automatically return to the previous menu after about 8 seconds.

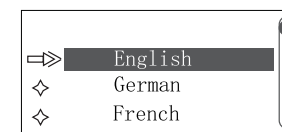
You can enter the Calendar function to confirm the settings are correct.

Language

Select the [Language] submenu in system settings, press the [MENU] button to enter the system language selection settings.

Use the tuning dial knob or the [+] and [-] buttons to choose a system language of your preference, and then press the [MENU] button to save and exit the settings submenu.

This system language settings contain 3 commonly used languages, including English, German and French.



**CAUTIONS!**

When a language is selected in settings, the radio may not support other languages in some work modes.

When you mistakenly choose another language, follow the diagrams above to switch back to your normal setting.

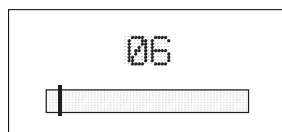
Backlight

Select the [Backlight] submenu in system settings, press the [MENU] button to enter the backlight timer settings.

Use the tuning dial knob or the [+] and [-] buttons to adjust the backlight timer settings. Its function is to set up the LCD screen backlight timer's time between 3 and 240 seconds with each adjustment step being 3 seconds. And then press the [MENU] to confirm and exit.

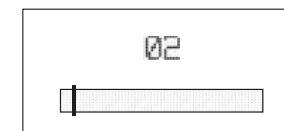
For example:

When your setting value is '5', its indication the LCD screen backlight will shut down within 5 seconds after any operation.

**Contrast**

Select the [Contrast] submenu in system settings, press the [MENU] button to enter the contrast settings.

Use the tuning dial knob or the [+] and [-] buttons to adjust the contrast value of the LCD screen between 0 and 16. And then press the [MENU] to confirm and exit.

**CAUTIONS!**

If the contrast setting value is too low, it may affect the operation of the radio.

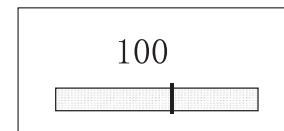
Sleep Timer

Select the [Timer/Alarm/Recording] submenu in system settings, press the [MENU] button to enter the next submenu, and then choose the [Sleep Timer] submenu, press the [MENU] button to enter the sleep timer settings.

Use the tuning dial knob or the [+] and [-] buttons to adjust the sleep timer settings. Its function is to set up the sleep timer's time of the radio between 0 and 180 minutes. And then press the [MENU] to confirm and exit.

For example:

When your sleep timer setting value is '100', its indication is that the radio will shut down 100 minutes after switching on.

**CAUTIONS!**

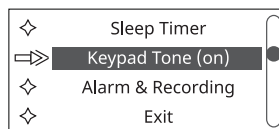
If the sleep timer is set to '0', the function will be automatically disabled.

Keypad Tone

Select the [Timer/Alarm/Recording] submenu in system settings, press the [MENU] button to enter the next submenu, and then to choose the [Keypad Tone (off)] submenu, press the [MENU] button to set up the keypad tone on or off.

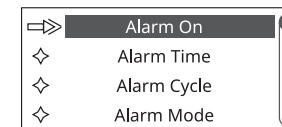
Press the [MENU] button to turn on the keypad tone, and [Keypad Tones (on)] shows on the display. While [Keypad tones (on)] displays, select it and press the [MENU] button to turn off the keypad tone.

The volume of the keypad tone depends on the system volume.



Alarm & Recording

Select the [Timer/Alarm/Recording] submenu in system settings, press the [MENU] button to enter the next submenu, and then to choose the [Alarm & Recording] submenu, press the [MENU] button to enter the alarm clock submenu settings.



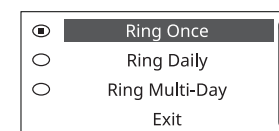
Alarm On

Use the tuning dial knob or the [+] and [-] buttons to choose the alarm on or off settings. Repeat press the [MENU] button to choose the alarm on or alarm off in the submenu. Its function is to set up the alarm clock to be on or off.



Alarm Time

Select the alarm time submenu and press the [MENU] button to enter the settings. Use the [MENU] button to select the hours or minutes in the setting, and then use the tuning dial knob or the [+] and [-] buttons to set them as the alarm clock's set-off time.



Alarm Cycle

Select the alarm cycle submenu and press the [MENU] button to into the settings. Use the tuning dial knob or the [+] and [-] buttons to choose the ring once mode, and then press the [MENU] button to enter the date settings, to setup the alarm clock to run only on one day of your choice.

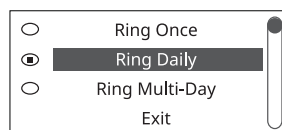


In the settings, press the [MENU] button to select the year, month or day respectively and use the tuning dial knob or the [+] and [-] buttons to set up the date, and then press the

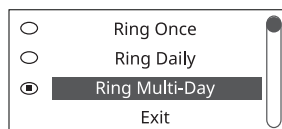
[ESC] button to save and exit the settings.

In the alarm cycle settings, select the ring daily submenu and press the [MENU] button to set up the alarm cycle mode of the alarm clock function. And then press the [ESC] button to save and exit the settings.

When the ring daily alarm mode is enabled, the radio will use the alarm clock function to turn it on at the specified time every day.



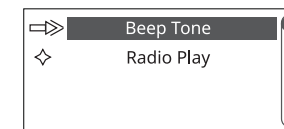
In the alarm cycle settings, to select the ring multi-day submenu and press the [MENU] button to set up the alarm cycle mode of the alarm clock function, and then enter the settings.



In the multi-day settings, use the tuning dial knob or the [+] or [-] buttons to select one day or several days of the week as the alarm cycle of the alarm clock function to suit your own needs. On the days that are not selected, the alarm clock function will not work.

Alarm Mode

Select and enter the alarm mode settings, use the tuning dial knob and the [+] or [-] buttons to select once, and then press the [MENU] button to confirm or access the lower level menu.



When the beep tone is selected as the alarm clock mode, the radio will beep continuously when the alarm is on.



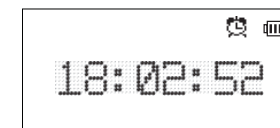
If the radio play function is selected as the alarm clock mode, this machine will automatically play the last played station when the alarm clock is on.



CAUTIONS!

When the alarm clock function is activated, the [🔔] symbol will appear on the LCD screen in the time display mode, the radio will go off with the selected mode when reaching the pre-set time.

If the selected alarm clock mode is the beep tone, you can press any button to turn off the ringtone when the alarm goes on.

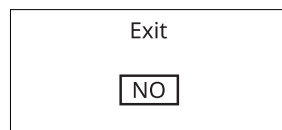


Restore Factory Settings

Select the restore factory settings function in the system settings, press the [MENU] button to enter the submenu and notice the [NO] symbol shows on the LCD screen.

Use the tuning dial knob or the [+] and the [-] to select the [NO] or [YES] symbol.

Select [YES] symbol and press the [MENU] button to confirm and execute the restore factory settings.



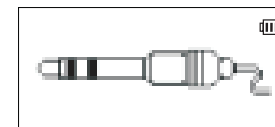
CAUTIONS!

Executing the restore factory settings function will cause all of your personal settings to be lost in the radio.

Line-in Function

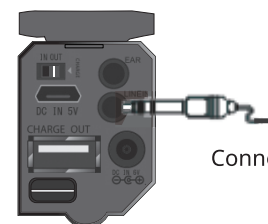
The radio has an audio Line-in function to be used as an active loudspeaker by connecting it to another external audio device such as a laptop, computer, cellphone or other audio player with an optional line-in connect cable.

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 jack on the rear of the radio. The  symbol will show on the LCD screen, and then play the audio in the media device, the radio's built-in dual speakers will amplify the sound. To turn off this Line-in function, long press the [⏻] to turn off the radio, or remove the line-in connect cable directly from the Ø3.5mm input jack.



CAUTIONS!

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



Connect to the Audio Devices

Ø3.5mm Line-in Input Jack



WARNING!

Warning: If the Line-in is connected to the radio. You cannot turn on the radio. Unplug the Line-in Cable. Try again to turn on the radio.

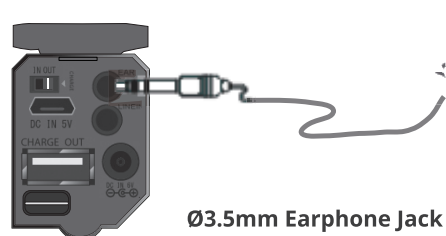
Earphone Jack

The radio is equipped with a Ø3.5mm earphone jack on the rear of the machine, which supports headphones for private listening.



WARNING!

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.

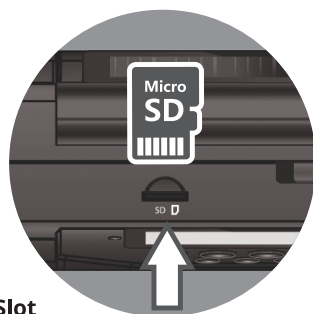


Ø3.5mm Earphone Jack

Use the Micro-SD Card (Not Included)

This radio uses the Micro-SD cards for some operations, such as playing music, recording audio, storing radio stations, browsing text e-books, and more. Insert a Micro-SD card in slot on the top of the radio correctly.

Gently press the Micro-SD card in the slot to eject it and remove it. Some features will not be performed when the micro-sd card is removed from the radio.



Micro-SD Card Slot

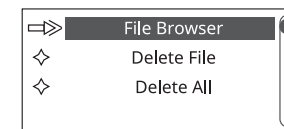


CAUTIONS!

This radio uses the Micro-SD card to support music playback in MP3, WMA or WAV format. This radio supports and manages up to 32G of memory and up to 9999 music tracks or text files. This radio can use a text browser to view the .txt format text files on the Micro-SD card. This radio uses MP3 format and ordered filenames when recording music tracks on Micro-SD cards, from the REC00001MP3 to REC09999MP3.

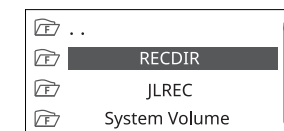
Manage the Music and Recorded Files

In order to manage your recorded or music files, please follow the steps below to playback. Go to the music play mode, press the [▶] to pause the music playback, press the [MENU] button, you will see 3 selections:



Use the tuning dial knob or press the [+] and [-] buttons to select the file browser submenu, and then press the [MENU] button to enter the music list.

Use the tuning dial knob or press the [+] and [-] buttons to select in the file browser again, you will see the [JLREC] folder name here, select and press the [JLREC] submenu by the [MENU] button to enter recorded list.



Press the [+] or [-] button or use the tuning dial knob to select the one you recorded and play it by pressing the [MENU] button.

All music tracks on the Micro-SD card can also be located and played through this file browser.

Lyrics Display

This radio supports lyrics display in multiple languages.

The lyrics must be in .lrc format, use the same name as the song and location in the same folder. Due to many language versions on the market, you may have some unreadable characters.

Important Safety Instructions

**WARNING!****CAUTIONS!**

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

Troubleshooting

**CAUTIONS!**

1. Cannot turn on the radio.

Possibly the battery is drained. Please charge the battery.

2. Speaker does not produce sound.

Check the volume level; if too low, turn it up.

3. Cannot play audio from the Micro-SD card

Check to see if the Micro-SD card has poor compatibility by trying another card, or the files are damaged or with incorrect format, delete the file and try again.

4. Cannot charge the radio.

Check to see if the external adapter or the USB charge cable is connected correctly.

Check to see if the adapter or USB charge cable is damaged.

5. How to reset the radio.

Some misuse may lead to errors in the radio, remove the built-in rechargeable battery for a few minutes and reload. But your previous settings will be lost.

6. I don't understand the displayed language.

Please refer to Language chapter to set the language of your preference.

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

Specifications

Memory Supports: Micro-SD Card | 64 MB – 32 GB Max.

Music Format Supports: MP3 | WMA | WAV

Access Rate: MP3: 16 kbps – 320 kbps

WMA: 8 kbps – 384 kbps

Frequency Range:

FM Band: 64.0 MHz – 108.0 MHz

76.0 MHz – 90.0 MHz

87.0 MHz – 108.0 MHz

AM Band: 520 kHz – 1710 kHz

SW Band: 3.000 MHz – 23.000 MHz @ SW01 – SW12

Weather Band: CH1 162.400 MHz

CH2 162.425 MHz

CH3 162.450 MHz

CH4 162.475 MHz

CH5 162.500 MHz

CH6 162.525 MHz

CH7 162.550 MHz

Earphone Output: ≤ 10 mW

Stereo Speakers: 0.125 inches x 2 @ 500 mW (Max. Output.)

Max Current Consumption: About 500 mA

Power Source: 18650 Rechargeable Lithium Battery 3.7 V

External Adaptor DC 6 V | 500 mA (Optional)

Universal USB Charger DC 5V (Not Included)

Power Consumption: MP3 Mode About 10 hours

Radio Mode About 10 hours

Charging Time: 5 – 8 hours

Bluetooth Version: 4.1

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

Weight (Approx.): 1.63 lbs (Battery Included)

Package Information

KA900 Voyager MAX Emergency Radio	*1
T1 FM Shortwave Band Antenna (Optional)	*1
Quick Operation Guide	*1
User's Manual	*1
Product Registration Form	*1
Micro-USB Charge Cable	*1

**For service and questions, please visit our website: www.kaito.us,
Or email us at info@kaito.us**

Register this Radio for Warranty

You can find the Series Number inside the battery compartment, you can register it online:
www.kaito.us/product-registration
Or scan the QR code to get the link for registration.

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