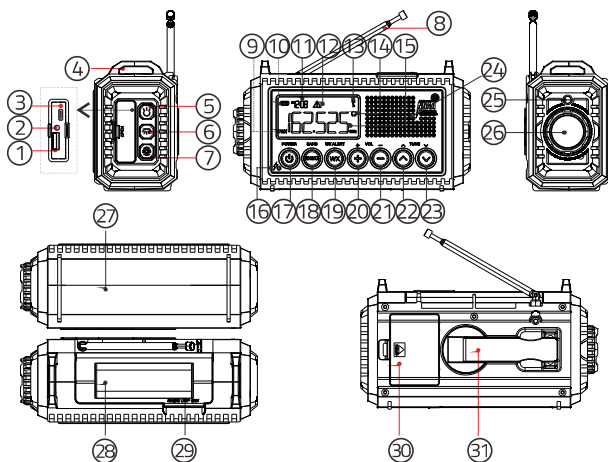


CR1009 Ultra meets the NWS evaluation criteria for NWR All Hazards logo use

CR1009 Ultra Emergency Alert Radio with AM/FM/SW/NOAA Weather/Solar/Hand Crank

Chapter 1 LOCATION OF CONTROLS



- | | | |
|------------------------------|-------------------------|-------------------------------|
| 1. USB Output Charging Port | 2. 3.5mm Headphone Jack | 3. Type-C Input Charging Port |
| 4. Carry Strap Holder | 5. Flashlight Button | 6. Reading Lamp Button |
| 7. SOS Control Button | 8. Telescopic Antenna | 9. Band Indicator |
| 10. Battery Indicator | 11. Time Display | 12. Weather Alert Indicator |
| 13. Lock Indicator | 14. Headphone Indicator | 15. Frequency Indicator |
| 16. Power Indicator | 17. Power/Lock Button | 18. Band button |
| 19. WX Alert/Set Time Button | 20. Vol+ / Backlight | 21. Vol- Button |
| 22. Tune+ / Previous Button | 23. Tune- / Next Button | 24. Speaker |
| 25. Red Alert Light | 26. Flashlight | 27. Rechargeable Battery |
| 28. Solar Panel | 29. Reading Lamp | 30. AAA Battery Compartment |
| 31. Crank Handle | | |

	Working / Fully Charged		Battery Charging
	Low Battery Power		Button Lock Indicator
	Weather Alert Indicator		Headphone Indicator
	Rechargeable Battery Indicator		AAA Battery Indicator

FCC Statement

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

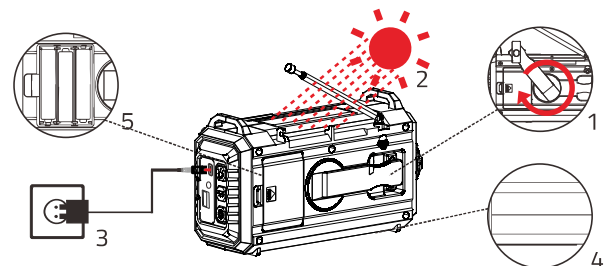
- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help
- This device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

FCC ID. 2A6CL-CR1009ULTRA



Version 1.3

Chapter 2 POWER SUPPLY MODE



5 ways to power the radio:

1. Hand Crank Power

- (1) Unfold the crank handle from the backside and rotate it in either direction.
- (2) Rotate the crank handle, it will generate 300-350mA electricity to charge the build-in Rechargeable Battery.

Note: Rotate the crank handle at the speed of 2 laps per second. It will generate 300-350mA electricity.

2. Solar Power

- (1) Expose the solar panel to sunlight, don't charge indoors.
- (2) It will generate 30-50mA electricity to charge the build-in battery.

Note: Solar panel will generate 30-50mA electricity when exposed to sunlight.

The power is difficult to fully charge the rechargeable lithium polymer battery, which is mostly used for battery maintenance.

3. AC Adapter Power Supply

Connect the power plug (5V / 2A) with the included Type-C cable, then plug into a 110V-220V standard outlet.

Note: AC adapter is not included in the package. The recommended specification is: AC 100-240V 50/60Hz input, DC 5V=2A output.

4. Rechargeable 12000mAh Battery

The radio contains a Rechargeable Battery.

5. AAA Batteries

- (1) Open the battery compartment on the back of the unit and insert 3 AAA batteries (not included). Make sure the polarity is correct.
- (2) When the built-in rechargeable battery power is low, the power source will switch to AAA batteries power mode automatically.

Charging Method	Charging 12000mAh Battery			
	30% capacity	50% capacity	80% capacity	100% capacity
Hand Crank Power	10 hours	17.5 hours	28 hours	35 hours
Solar Power	84 hours	140 hours	224 hours	280 hours
Adapter Power Supply	5 hours	8 hours	13 hours	16 hours

Battery life under various working conditions

Time \ Mode	POWER OFF	Standby	WX Alert	FM	AM	SW	WB	LAMP	FLASHLIGHT
Hour	8640	200	130	60	60	60	60	40	25

Chapter 3 POWER SWITCH

The radio has automatic power switch function between the rechargeable battery and AAA batteries. When one doesn't have power, it will switch to the other one automatically. If both are low, the radio will turn off.

Chapter 4 CHARGING PHONE or PORTABLE DIGITAL DEVICE

Connect your phone charging cable with the USB output port at the right side of the radio. If the radio has no power, you can rotate the crank handle for 10-15 minutes. Then your phone will get enough power to start up.

Chapter 5 READING LAMP

- Flip up the solar panel by 90 degrees to be a table lamp.
- Press Reading Lamp Button and the lamp will be turned to Brightness Level 1.
- Press the button one more time, the lamp will be turned to Brightness Level 2.
- Press the button again, the lamp will be turned off.

Chapter 11 RADIO OPERATION

1. Turn on the radio

Press **POWER** button, the radio will be turned on and enter standby mode. Press again the radio will be turned off.

2. Band

Repeatedly press **BAND** button to choose from FM, AM, shortwave, weather band or standby mode.

Weather Band: Receives all 7 weather band from NOAA, the U.S. National Weather Service which broadcasts in all 50 states, Puerto Rico and the U.S. Virgin Islands.
162.400/162.425/162.450/162.475/162.500/162.525/162.550MHz

AM Band: Receives all local AM stations from 520KHz to 1710 KHz.

FM band: Receives all local FM stations from 87.5MHz – 108MHz.

SW Band: Receives all Shortwave bands from 2.3MHz- 23MHz

Standby mode: Device will exit radio mode, display only shows time.

3. Volume Control

Repeatedly press **VOL+** or **VOL-** button to adjust the sound volume.

4. Manual Tuning Channel

Repeatedly press **TUNE+** or **TUNE-** button to tune to the desired channel. Each press **TUNE+** button, FM frequency will tune up by 0.1. Each press **TUNE-** button, FM frequency will tune down by 0.1.

5. Auto Scanning Radio Channel

Hold press **TUNE+** or **TUNE-** button for more than 2 seconds to start auto scanning.

Scanning will stop automatically once it receives an available channel.

6. Weather Band

Repeatedly press **BAND** button to select WB band, then repeatedly press **TUNE+** or **TUNE-** button to choose one of the WB bands which is for your local weather station.

Chapter 6 FLASHLIGHT

- Press Flashlight Button, the light will be turned on and switched to Brightness Level 1.
- Press the button again, the light will switch to Brightness Level 2.
- Press the button one more time, the light will be turned off.

Chapter 7 SOS ALERT

In emergency, you can turn on the Alert light and Alert sound.

- Long press SOS Button to turn on the SOS alert.
- Short press SOS Button again, the SOS alert will be turned off.

Chapter 8 TIME SETTING

- To enter time setting, hold press **WX ALAERT** button for more than 2 seconds.
- HOURL digit will flash, press **TUNE+** or **TUNE-** button to adjust hour setting, press **WX ALAERT** button to confirm.
- MINUTE digit will flash, press **TUNE+** or **TUNE-** button to adjust minute setting, press **WX ALAERT** button to confirm.

Chapter 9 LCD BACKLIGHT SETTING


There are 2 backlight settings: Default/OFF


Default: Backlight will be active for 15 seconds when any button is pressed.

Hold press **VOL+** button to switch to OFF setting, hold press again to switch to Default setting.

Chapter 10 LOCK BUTTON FUNCTION


During your journey, in order to avoid pressing buttons accidentally, you can use the lock button function.

Hold press **POWER** button, radio will lock all buttons, the  icon on LCD will appear.

Hold press **POWER** button again, radio will unlock, the  icon on LCD will disappear.

7. Weather Alert Function



Manual Setting Mode

- To enable all 7 NOAA weather stations for receiving alert, press **WX ALAERT** button once.
- When the NOAA Weather Alert function is enabled, the **WX** and  icon will show on the LCD display, the red alert light will flash.
- Press **TUNE+** or **TUNE-** button to set time for weather alert, include 4H, 6H, 8H, 12H, 16H, 20H, 24H or ON.




The default setting is ON, which means that the weather alert function will always keep effective until batteries run out. You can also set other time as needed, such as 8 hours.

ATTENTION: According to the NOAA NWS standard, in order to ensure the sensitivity of WB signal reception, the working current of the radio should be no less than 50mA. When the built-in battery is fully charged, the radio can maintain the Weather Alert Function up to 130 hours.

- Press **WX ALAERT** button or wait 5 seconds to confirm the setting. In this case, even you press **POWER** button to turn off the radio, the Weather Alert function will still keep effective. But when the Weather Alert timer ends up, the radio will shut down automatically.
- When a weather alert is received, there will be an audible siren, the red alert light, the **WX**,  icon and the backlight on the LCD display will flash.
- After a weather alert is received, press any button, the audible siren, the red alert light and the backlight will be turned off, the **WX** and  icon on the LCD will disappear. Radio will switch to the weather channel which sends weather alert automatically.

Standby Mode

Under standby mode, radio can also receive weather alert. When it receives, an audible siren sounds, the red alert light, the **WX**,  icon and the backlight on the LCD display will flash.