

Emergency Weather Alert Radio



FCC Statement

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.

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

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

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-CR 1030PRO

CR 1030Pro

Emergency Alert Radio
with S.A.M.E. Localized Programming

CE FC RoHS



Made in China

Version 1.0

Chapter 1 Parts & Controls

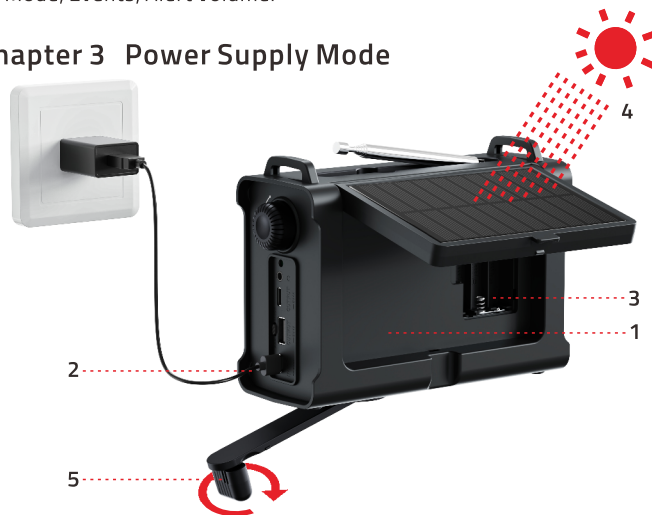


1. DC 5V2A USB-C Charging Port
2. Charging Indicator
3. AAA and LI-ION Battery Switch
4. USB-A Output Charging Port
5. USB-C Output Charging Port
6. 3.5mm Headphone Jack
7. Volume Knob/Navigate up / down
8. Power ON/OFF & Switch
9. Left
10. Right
11. Up
12. Down
13. SOS Siren/ Flashlight
14. Enable/Disable WX ALERT
15. Menu / Back / Quickly Check Alert Info
16. OK/ Auto SCAN FM Radio
17. Telescopic Antenna
18. Display Screen
19. Solar Panel
20. Speaker
21. Crank Handle
22. Reading Lamp
23. Reading Lamp Switch
24. Dry Batteries (AAA)
25. LED Flashlight
26. SOS/WX Alert Indicator Light

Chapter 2 Quick Start

- **Charging:** Use the included USB-C cable. Fully charge before first use.
- **Power ON/OFF:** Press and hold **MODE**  (for 2 seconds).
- **Switching Modes:** Press **MODE**  to cycle: WB (Weather) - FM - Clock.
- **System Settings:** Press and hold  and  or  to select "System settings", then use    to set Sleep Timer, Alarm, Date&Time, Backlight.
Language (English/Español/Français)
- **SAME Settings:** Press and hold  and  or  to select "SAME Settings", then use    to set Channel(1-7), Location, Alert Mode, Events, Alert Volume.

Chapter 3 Power Supply Mode



This radio can be powered in five ways:

1. Rechargeable 12000mAh Battery

Switch the power selector to LI-ION to use the built-in rechargeable battery.

2. AC Adapter Power Supply

Connect the USB-C end of the cable to the radio's USB-C charging port. Connect the USB-A end to a USB power adapter, then plug the adapter into a wall outlet.

Note: AC adapter is not included. Recommended adapter: AC 100–240V, 50/60Hz input; DC 5V/2A output.

3. AAA Batteries

Open the battery compartment on the back of the unit and insert 3 AAA batteries. Ensuring the polarity is correct. Switch the power selector to AAA.

Note: Since AAA batteries provide less current than the built-in rechargeable battery, the alert volume will be lower in AAA battery mode. AAA batteries are not included in the package.

4. Solar Power

Expose the solar panel to direct sunlight outdoors. Solar charging is less effective indoors.

The solar panel generates 350mA of electricity to charge the built-in rechargeable battery.

Note: The power is primarily used for battery maintenance.

5. Hand Crank Power

Unfold the crank handle from the bottom and rotate it in either direction. Rotate the crank handle at a speed of 2 laps per second. It will generate 650mA of electricity to charge the built-in rechargeable battery.

Chapter 4 Charging External Devices

Connect your phone or small USB device to the USB-A or USB-C output port. This radio can charge two devices at the same time.

Note: Intended for emergency backup charging only. This is not a fast-charging power bank.



Chapter 5 Weather Radio

1. Listening to Weather Radio, select your local NOAA channel (CH 1-7).
Volume Adjustment: Rotate the volume knob to turn up/down the volume.
2. Weather Alert Monitoring: While in WB mode, if an emergency alert is received, the screen will display the corresponding alert information, and the speaker will sound an alarm.
3. Muting Alerts: Press any button to silence the current alert.



Chapter 6 S.A.M.E. Settings

S.A.M.E. allows the radio to receive alerts for specific counties or selected areas, helping reduce alerts from locations that are not relevant to you.

6.1 Channel Settings

1. Press and hold the  for 2 seconds to enter the menu settings.
2. Press the  to cycle through the options, select "SAME Settings", and press the  to confirm.
3. Press the  to select "Select Channel", and press the  to confirm.
4. Press the  to choose your desired channel (Channel 1–7), then press the  to save and exit. Press the  or  to turn back to the original display.

CH 1: 162.400 MHz

CH 2: 162.425 MHz

CH 3: 162.450 MHz

CH 4: 162.475 MHz

CH 5: 162.500 MHz

CH 6: 162.525 MHz

CH 7: 162.550 MHz

6.2 Location Settings

After entering SAME Settings, press  to select "Select Location", then press  to confirm.

1. **All Location:** When you want to listen to alerts from all regions, press  to confirm.

2. Single Location setting

• Regional input method

Press  to select "Single Location", then press  to confirm.
Press  to select "Location", then press  to confirm.
Press  to select your country (USA or CANADA), then press  to confirm.

Press  to select your State/Federal District/Island, then press  to confirm.

Press  to select your desired county or area, then press  to save and exit.

• Code input method

Press  to select "Single Location", then press  to confirm.

Press  to select "SAME Code", then press  to confirm.

Press  to select the "SAME Code Length" from 5 Digits to 7 Digits of your country or area (Default six digit code), then press  to confirm.

Press  to move position, press  to select 0–9), then press  to confirm.

3. Multiple Locations setting

Press  to select "Multiple Locations", then press  to confirm.

Press  to choose and edit a location slot (Location 1–25), then press  to confirm. To set the location, please refer to the above Single Location setting.

4. Modifying or Deleting a Saved Location

Press  to select the desired Location slot (1–25).

Press  buttons to choose one of the following options: "ON", "Edit", "Delete", or "OFF", then press  to confirm.

6.3 Alert Mode

1. Setting:

Press  to select "Alert Mode", and press  to confirm.

Press  to choose your preferred alert type: "Voice Alert", "Display Only", "Tone Alert", press  to confirm.

2. Alert Type Descriptions

Alert Type	Description
Voice Alert	The screen displays the alert. A warning tone sounds for 8 seconds, then the weather broadcast plays for 3 minutes.
Display Only	The screen displays the alert and plays the weather broadcast for 3 minutes without a warning tone.
Tone Alert	The screen displays the alert and the warning tone sounds for up to 3 minutes.

Notes:
When the event is set to OFF, if the alert type is set to Voice Alert or Tone Alert, the alert mode will automatically switch to Display Only mode when an alert is received.

6.4 Alert Events

1. Setting:

Press   to select "Alert Events", and press  to confirm.
Press   to choose your preferred alert type: "Enable All", "Disable All", "Default Events", "Edit Events", press  to confirm.

2. Edit Events:

Press   to select "Edit Events", then press  to confirm.
Press   to select the desired alert type / event.
Press   to choose ON or OFF to enable or disable the event, and press  to confirm and exit.

Option	Description
Enable ALL	Enables voice alerts for all applicable alerts.
Disable ALL	Disables voice alerts for all applicable alerts. The weather audio broadcast will still play for 3 minutes.
Default Events	Restores all alert settings back to factory defaults.
Edit Events	Custom mode: Allows you to individually enable or disable specific alerts.

Note:
1. Events marked with * are enabled by default and cannot be disabled. There is no OFF option for these events. This is not a device malfunction but normal events preset.
2. For details on the 86 alert events, please refer to the detailed table on the last page of this manual.

6.5 Alert Volume

Press   to select "Alert Volume", and press  to confirm.
Press   to choose your preferred alert volume: "Low", "Medium", "High", the speaker will play a test alarm tone. Press  to confirm.
Press any button or wait 5 seconds without operation to exit the alert volume.

Chapter 7 Standby Weather Alert Function

1. Turning Alert On

When the alert function is off, press on the  will turn it on (the alert icon will appear on the screen).

Turning Alert Off

When the alert function is on, a long press on the  will turn it off (the alert icon will disappear).

2. Receiving Alerts

When the alert function is enabled, the radio can receive weather alerts in Standby or FM mode. Alert behavior follows the settings configured in SAME Settings.

3. When an Alert is Received

The screen will display the corresponding alert information, and/or the speaker will sound the alarm according to the selected alert type.

4. Silencing an Alert

During an active alert, press any button to stop the current alert. The device will automatically return to alert reception mode for the next alert.

Chapter 8 Viewing Recent Alert Information

1. In any mode, press  to enter the alert information list.

Up to 10 recent alerts can be stored and displayed.

2. If there are no alerts, the screen will show "NO MESSAGE".

3. While viewing alerts:

> Press   to browse through the alert messages.

> Press  ,  or wait 120 seconds without operation to exit the alert viewing mode.

4. To delete alerts:

> Press   to enter the delete menu.

> Press   again to select Delete Single (current alert) or Delete All alerts.

> Press  to confirm.

Chapter 9. FM Radio

Press  to select FM Radio mode. Extend the telescopic antenna and rotate it to the clearest reception angle/position.

1. Listen to FM Radio:

Press   to manually tune to a station. Press and hold   for 2 seconds to quickly search for stations and stop automatically when a station is found.

2. Auto Scan and Store Stations:

Press  to auto-scan and save available stations (up to 40 stations).

3. Recall Presets:

Press  or  to view preset stations, then press   to select the desired station. Press  to confirm and play.

4. Save to Preset:

Press and hold  for 2 seconds to enter FM RADIO settings. Press   to select "Save to Preset", then press   to select a preset station 1-40, press  to save.

Rotate the volume knob to adjust the radio volume.

Chapter 10 System Settings

Press and hold  for 2 seconds to enter the menu settings.

Press   to select System Settings, then press  to confirm and enter. Press  to return to the previous menu.

1. Sleep Timer (in FM/WB mode)

Press     to cycle through : Off - 15 - 30 - 45 - 60 - 90 - 120 min Off. The broadcast or music will stop automatically after the timer ends and the radio will auto enter clock mode.

2. Date / Time Settings

Set Date / Time: press   to select the Month, press   to move from Month to Date until the exact time is set, then press  to confirm.

Set Time Format: 12H or 24H (Default 12H).

3. Alarm Settings (Alarm 1 & 2)

Choose Alarm Off / On by pressing the .

Alarm: On (the alarm icon will appear on the screen and show the alarm time when in clock mode)

Alarm: Off (Default Off: the alarm icon will disappear from the screen)

Repeat: Once / Weekdays / Weekends / Daily (Default Daily)

Wake Up Time: AL1 default 6:00 AM, AL2 default 7:00 AM

Sound Source: Buzzer / FM (when FM is selected, you can choose a preset station or the last listened station)

Alarm Duration: 5 - 10 - 15 - 30 - 60 - 120 minutes (Default 60)

Snooze Duration: 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 minutes (Default 10)

Alarm Volume: Level 1 - 16 (Default 12)

4. Backlight Settings

Timeout: Select how long the backlight will dim after no action. (Off - 10 - 20 - 30 - 45 - 60 - 90 - 120 seconds (Default 30s)

Brightness: Set the digits brightness to Low / Medium / High (Default High)

Dim Brightness: Set the screen brightness to Low / Medium / High (Default High).

5. Language Settings

Select your desired language: English/Español/Français

6. Factory Reset:

This operation will erase all saved stations, time/date, and other personal settings.

Chapter 11 SOS Siren

Press and hold  for 2 seconds (whether the radio is on or off) to activate SOS mode. Once activated, the speaker emits a loud alarm sound and the side SOS indicator flashes. Short press any button to turn off the SOS function.

Chapter 12 LED Flashlight

Press  to turn on the flashlight. It turns on at high brightness by default.

Press  again to cycle through flashlight modes: High - Low - Off.

Chapter 13 Reading Lamp

Flip up the reading lamp at the rear of the radio, press  to turn on the reading lamp. It turns on at high brightness by default. Press  again to cycle through reading lamp modes: High - Low - Off.

Chapter 14 Troubleshooting

Problem / Possible Solution

- **No weather broadcast**
Extend the antenna, move near a window, and try CH1–CH7.
- **No local alerts received**
Make sure WX Alert is ON, the correct channel is selected, and the correct S.A.M.E. location is saved.
- **Alerts are too loud or too quiet**
Go to S.A.M.E. Settings > Alert Volume and choose Low / Medium / High.
- **Phone charges slowly**
For emergency backup charging only. Not fast charging. USB-A and USB-C can charge two devices at the same time when needed.
- **Solar charging is slow**
Solar charging depends on direct sunlight and is mainly for emergency battery maintenance.
- **AAA mode volume is lower**
AAA batteries provide less current than the built-in Li-ion battery.
- **FM reception is poor**
Extend and rotate the antenna; move away from electronics or metal walls.
- **Screen turns off too quickly**
Adjust Backlight Timeout in System Settings.

Appendix: Details of the 86 Alert Events

No.	Event Code	Event Code / Description	Default	Alert Level
1	ADR	Administrative Message	Off	Advisory
2	AVA	Avalanche Watch	On	Watch
3	AVW	Avalanche Warning	On	Warning
4	BHW	Biological Hazard Warning	On*	Warning
5	BZW	Blizzard Warning	On	Warning
6	BLU	Blue Alert	On*	Warning
7	BWW	Boil Water Warning	On	Warning
8	CHW	Chemical Hazard Warning	On*	Warning
9	CAE	Child Abduction Emergency	On	Advisory
10	CDW	Civil Danger Warning	On*	Warning
11	CEM	Civil Emergency Message	On*	Warning
12	CFA	Coastal Flood Watch	On	Watch
13	CFW	Coastal Flood Warning	On	Warning

No.	Event Code	Event Code / Description	Default	Alert Level
14	DEW	Contagious Disease Warning	On	Warning
15	CWW	Contaminated Water Warning	On*	Warning
16	DBA	Dam Watch	On	Watch
17	DBW	Dam Break Warning	On	Warning
18	DSW	Dust Storm Warning	On	Warning
19	EQW	Earthquake Warning	On*	Warning
20	EAN	Emergency Action Notification	On*	Warning
21	EAT	Emergency Action Termination	On*	Advisory
22	EVA	Evacuation Watch	On	Watch
23	EVI	Evacuation Immediate	On*	Warning
24	EWV	Extreme Wind Warning	On*	Warning
25	FRW	Fire Warning	On	Warning
26	FFS	Flash Flood Statement	On	Advisory
27	FFA	Flash Flood Watch	On	Watch

No.	Event Code	Event Code / Description	Default	Alert Level
28	FFW	Flash Flood Warning	On	Warning
29	FSW	Flash Freeze Warning	On	Warning
30	FLS	Flood Statement	On	Advisory
31	FLA	Flood Watch	On	Watch
32	FLW	Flood Warning	On	Warning
33	FCW	Food Contamination Warning	On*	Warning
34	FZW	Freeze Warning	On	Warning
35	HMW	Hazardous Materials Warning	On*	Warning
36	HWA	High Wind Watch	On	Watch
37	HWW	High Wind Warning	On	Warning
38	HLS	Hurricane Statement	On	Advisory
39	HUA	Hurricane Watch	On	Watch
40	HUW	Hurricane Warning	On*	Warning
41	IBW	Iceberg Warning	On	Warning

No.	Event Code	Event Code / Description	Default	Alert Level
42	IFW	Industrial Fire Warning	On*	Warning
43	LSW	Land Slide Warning	On*	Warning
44	LEW	Law Enforcement Warning	On*	Warning
45	LAE	Local Area Emergency	On*	Advisory
46	NAT	National Audible Test	Off	Advisory
47	NIC	National Information Centre	Off	Advisory
48	NPT	National Periodic Test	Off	Advisory
49	NST	National Silent Test	Off	Advisory
50	NMN	Network notification message	Off	Advisory
51	NUW	Nuclear Power Plant Warning	On*	Warning
52	POS	Power outage statement	On	Advisory
53	DMO	Practice/Demo	Off	Advisory
54	RHW	Radiological Hazard Warning	On*	Warning
55	RMT	Required Monthly Test	Off	Advisory

No.	Event Code	Event Code / Description	Default	Alert Level
56	RWT	Required Weekly Test	Off	Advisory
57	SVS	Severe Weather Statement	On	Advisory
58	SVA	Severe Thunderstorm Watch	On	Watch
59	SVR	Severe Thunderstorm Warning	On	Warning
60	SPW	Shelter in Place Warning	On*	Warning
61	SQW	Snow Squall Warning	On*	Warning
62	SMW	Special Marine Warning	On	Warning
63	SPS	Special Weather Statement	On	Advisory
64	SSA	Storm Surge Watch	On*	Watch
65	SSW	Storm Surge Warning	On*	Warning
66	TXB	Transmitter Backup On	Off	Advisory
67	TXF	Transmitter Carrier Off	Off	Advisory
68	TXO	Transmitter Carrier On	Off	Advisory
69	TXP	Transmitter Primary On	Off	Advisory

No.	Event Code	Event Code / Description	Default	Alert Level
70	TOA	Tornado Watch	On	Watch
71	TOR	Tornado Warning	On*	Warning
72	TRA	Tropical Storm Watch	On	Watch
73	TRW	Tropical Storm Warning	On*	Warning
74	TSA	Tsunami Watch	On*	Watch
75	TSW	Tsunami Warning	On*	Warning
76	VOW	Volcano Warning	On*	Warning
77	WFA	Wild fire Watch	On	Watch
78	WFW	Wild fire Warning	On*	Warning
79	WSA	Winter Storm Watch	On	Watch
80	WSW	Winter Storm Warning	On*	Warning
81	TOE	911 Telephone Outage Emergency	On	Advisory
82	??E	Unrecognized Emergency	On	Advisory
83	??M	Unrecognized Message	On	Advisory

No.	Event Code	Event Code / Description	Default	Alert Level
84	??S	Unrecognized Statement	On	Advisory
85	??A	Unrecognized Watch	On	Watch
86	??W	Unrecognized Warning	On*	Warning