

810-1461 FAQs

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Weather Radio Setup

Use battery power and/or A/C power for continuous operation.

1. Insert the included 6 volt AC cord into the wall outlet then into the weather radio.
2. Optional: Insert 3 new "AAA" batteries (not included) into the radio. Observe the correct polarity.
3. Press the **POWER** button once to turn on the radio. The radio will default to weather band and volume level 10.
4. Press the **TUNE** button to select a weather band channel.

ON/OFF Function

- ✓ Press and release the POWER button to turn the radio ON or OFF.

Radio Modes

The default mode is Weather Band (WB). While the radio is on, press the **AM/FM/NOAA** button to toggle between radio modes:

- WB radio

- FM radio
- AM radio

Weather Band Channels

The IC chip supports weather band reception from 162.4 to 162.55 MHz. The highly integrated IC chip meets NOAA specification, receives all seven NOAA specified frequencies, implements narrowband FM de-emphasis, and supports 1050 Hz alert tone detection. In addition, this IC chip provides advanced features not available on conventional radios, such as an AFC and a dynamic channel bandwidth filter

The weather alert radio can receive 7 weather band (WB) frequencies:

- Channel 1: 162.400MHz
- Channel 2: 162.425MHz
- Channel 3: 162.450MHz
- Channel 4: 162.475MHz
- Channel 5: 162.500MHz
- Channel 6: 162.525MHz
- Channel 7: 162.550MHz

In WB mode the radio will continually broadcasts weather radio.

Weather Band Standby

Standby silences the weather radio until an active alert sounds.

- ✓ From WB mode, hold the **AM/FM/NOAA** button for 2 seconds to enter Weather Standby.
- ✓ The blue-ARMED indicator flashes slowly (every **5** seconds).
- ✓ During a Weather Alert: the blue ARMED indicator will flash quickly (every **2** seconds).

Weather Alerts

The radio must be in WB mode to receive alerts automatically.

- ✓ The BLUE backlight will change to RED.
- ✓ The blue ARMED light and RED backlight will flash quickly (every 2 seconds) for 5 minutes.
- ✓ The volume will increase to level 16.
- ✓ Press the VOLUME button to adjust the volume as needed.
- ✓ Press the AM/FM/NOAA button to return to Stand By mode

Volume

1. In any radio mode, press and release the VOLUME UP or VOLUME DOWN button to adjust the volume to a comfortable level.
2. Press and hold either volume button to change faster.
3. Default volume is 6. Level 1-16 are available.

AM or FM Radio

AM Radio:

The highly integrated IC chip supports worldwide AM band reception from 520 to 1710 kHz using a digital low-IF architecture with a minimum number of external components and no manual alignment required. This digital low-IF architecture allows for high-precision filtering offering excellent selectivity and SNR with minimum variation across the AM band.

1. Fully extend the antenna
2. With the radio ON, press the **AM/FM/NOAA** button to select FM radio.
3. Press the **TUNE** button to increase or decrease the radio frequency.
4. Hold the **TUNE** button to quickly search for the next available station.

FM Radio:

The FM receiver is based on the proven FM tuner. The receiver uses a digital low-IF architecture allowing the elimination of external components and factory adjustments. The IC chip integrates a low noise amplifier (LNA) supporting the worldwide FM broadcast band (64 to 108 MHz).

1. Fully extend the antenna
2. With the radio ON, press the **AM/FM/NOAA** button to select FM radio.
3. Press the **TUNE** button to increase or decrease the radio frequency.
4. Hold the **TUNE** button to quickly search for the next available station.

Backlight-Blue or Red

- ✓ This radio has a high visibility BLUE color backlight for normal viewing.
- ✓ Backlight color changes to RED during a Weather Alert.
- ✓ Red backlight will flash every **2** seconds for 5 minutes during a weather alert.
- ✓ Blue backlight turns on for 10 seconds when any button is pressed.

White LED Light

- ✓ Press the **LIGHT** button on the side of the radio to operate the very bright LED flashlight.
- ✓ The super bright LED flashlight is a full 1/2 watt

Optional Earphones (not included)

- ✓ Plug in a set of 3.5mm earphones (not included) into the 3.5mm earphone jack to privately listen to the radio