

## Midland ER210

# Midland ER210 NOAA Emergency Weather Radio - Instruction Manual

Model: ER210

## 1. INTRODUCTION

The Midland ER210 is a versatile emergency weather radio designed to keep you informed and connected during severe weather events and power outages. It features multiple power sources, a powerful flashlight, and NOAA weather alert capabilities to ensure readiness in critical situations.

## 2. SAFETY INFORMATION

- Do not expose the unit to extreme temperatures, direct sunlight for prolonged periods, or high humidity.
- Keep the unit away from water and moisture.
- Do not attempt to disassemble or modify the unit. This may cause damage and void the warranty.
- Use only specified charging methods to prevent damage to the battery or unit.
- Keep out of reach of children.

## 3. PRODUCT OVERVIEW

The Midland ER210 is equipped with several features to enhance its utility in emergency situations:

- **Multiple Power Sources:** Includes a built-in solar panel, a hand crank, and a rechargeable 2200 mAh battery for flexible power options.
- **Emergency Flashlight:** A bright CREE LED flashlight (130 Lumens) with High, Low, and SOS Morse code flashing modes.
- **NOAA Weather Scan + Alert:** Automatically scans 7 weather (WX) band channels and alerts you to severe weather updates and AMBER alerts.
- **Device Charging:** Features a USB output port to charge external devices like smartphones.
- **Large LCD Display:** Backlit display shows radio station, time, and weather channels for easy information access.



Figure 1: Midland ER210 with key features labeled.

## 4. SETUP

### 4.1. Battery Installation and Initial Charge

1. The ER210 comes with a pre-installed Lithium Ion battery. Ensure it is securely in place.
2. For initial charging, connect the included USB charging cord to the radio's USB input port and a power source (e.g., wall adapter, computer USB port).
3. Alternatively, place the radio with the solar panel facing direct sunlight for passive charging.
4. For manual charging, extend the hand crank and rotate it clockwise or counter-clockwise for approximately 1 minute to provide power.

### 4.2. Antenna Extension

For optimal radio reception, fully extend the telescopic antenna located on the top of the unit.

## 5. OPERATING INSTRUCTIONS

### 5.1. Power On/Off

Press the **POWER** button to turn the radio on or off.

## 5.2. Radio Tuning (AM/FM/WX)

1. Press the **BAND** button to cycle through AM, FM, and WX (Weather Band) modes.
2. Use the **TUNE +/-** buttons to manually adjust the frequency.
3. For automatic scanning, press and hold the **TUNE +/-** buttons to seek the next available station.

## 5.3. Volume Control

Adjust the volume using the **VOL +/-** buttons.

## 5.4. NOAA Weather Alert

In WX mode, the radio will automatically scan for the strongest weather channel. The NOAA Weather Alert feature will sound an alarm when severe weather warnings or AMBER alerts are broadcast in your area.

## 5.5. Flashlight Operation

1. Press the flashlight button once for Low brightness.
2. Press again for High brightness.
3. Press a third time to turn off.
4. Press and hold the flashlight button to activate the SOS Morse code flashing and audible alarm.

## 5.6. Charging External Devices

Connect your external device (e.g., smartphone) to the radio's USB output port using your device's charging cable. The radio's internal battery will provide power to charge your device. This feature is intended for emergency use to provide a minimal charge.

## 5.7. LCD Display

The backlit LCD display shows current radio frequency, time, battery level, and active mode indicators. It automatically illuminates when buttons are pressed.



Figure 2: Front view of the Midland ER210 with LCD display.

Your browser does not support the video tag. This video demonstrates how to be prepared with Midland products during hurricane season, featuring the ER210 radio.

Video 1: Be Prepared with Midland - Hurricane Dorian Update.

## 6. MAINTENANCE

- Clean the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Store the radio in a cool, dry place when not in use.
- Regularly check the battery level and recharge as needed to maintain optimal performance.
- If storing for extended periods, ensure the battery has a partial charge (around 50%) to prolong its lifespan.

## 7. TROUBLESHOOTING

Problem	Possible Solution
No power/Unit won't turn on	Check battery level. Recharge using USB, solar, or hand crank. Ensure battery is properly seated.
Poor radio reception	Fully extend the telescopic antenna. Adjust the radio's position for better signal. Try different locations.
Weather Alert not activating	Ensure the radio is in WX mode and the alert function is enabled. Verify you are within range of a NOAA weather broadcast.
External device not charging	Ensure the radio has sufficient battery charge. Verify the USB cable connection is secure. Some devices may draw too much power or be incompatible.

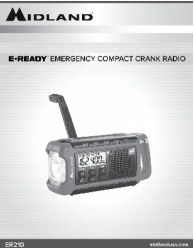
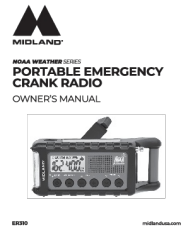
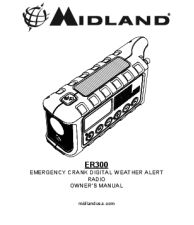
## 8. SPECIFICATIONS


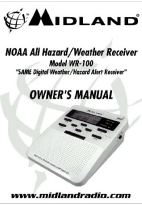
Feature	Detail
Model Number	ER210
Product Dimensions	4.88"L x 2.28"W x 7.09"H
Item Weight	1.46 pounds
Batteries	1 Lithium Ion battery required (included)
Power Source	Solar Powered, Hand Crank, USB
Radio Bands Supported	AM/FM/WX
Special Features	Built-In Clock, Portable, Rechargeable, SOS Flashlight Beacon
Connectivity Technology	USB
Included Components	Radio, Battery Pack, Owners Manual

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the owner's manual included with your Midland ER210 radio or visit the official Midland website. Contact information for customer service is typically provided within the manual.

### Related Documents - ER210

	<p><a href="#">Midland ER210 E+READY Emergency Compact Crank Radio User Manual</a></p> <p>User manual for the Midland ER210 E+READY Compact Emergency Crank Radio. This guide covers features, power sources (hand crank, USB, solar), radio operation (AM/FM/Weather), NOAA/NWS alerts, settings menu, LED flashlight, SOS beacon, headphone jack usage, limited warranty, and service information.</p>
	<p><a href="#">Midland ER310 Portable Emergency Crank Radio Owner's Manual</a></p> <p>Comprehensive owner's manual for the Midland ER310 Portable Emergency Crank Radio, detailing features, operation, power sources, weather alerts, warranty, and service information.</p>
	<p><a href="#">Midland ER300 Emergency Crank Digital Weather Alert Radio Owner's Manual</a></p> <p>Comprehensive owner's manual for the Midland ER300 Emergency Crank Digital Weather Alert Radio, detailing features, operation, power sources, weather alerts, settings, warranty, and service information.</p>

	<p><a href="#">Midland ER40 Emergency Alert Weather Radio: Owner's Manual and Quick Start Guide</a></p> <p>Comprehensive guide to the Midland ER40 Emergency Alert Weather Radio, covering setup, operation, weather alerts, charging, and warranty information. Features AM/FM radio, NOAA weather broadcasts, flashlight, and multiple charging options.</p>
	<p><a href="#">Midland WR-100 NOAA All Hazard/Weather Receiver Owner's Manual</a></p> <p>Comprehensive owner's manual for the Midland WR-100 NOAA All Hazard/Weather Receiver, a SAME Digital Weather/Hazard Alert Receiver. Learn about features, setup, programming county codes, alert types, troubleshooting, and specifications for this essential weather and emergency alert monitor.</p>
<p><small>The WR100 radio has been updated to have the radio respond to the weekly and monthly test signals. During the test, the Advisory LED will light up and the "Weekly Test" or "Monthly Test" message will be visible on the display. The radio will not sound the audible alert tone to avoid giving the impression of an actual alarm. The visual response to the test is confirmation that your radio is working properly.</small></p>	<p><a href="#">Midland WR-100 NOAA All Hazard Weather Receiver Owner's Manual</a></p> <p>Comprehensive owner's manual for the Midland WR-100 NOAA All Hazard/Weather Receiver, featuring SAME Digital Alert technology. Learn about setup, programming county codes, alert types, troubleshooting, and specifications for this essential weather and hazard alert monitor.</p>