



EMERGENCY ALERT WEATHER RADIO









ER40

midlandusa.com

QUICK START GUIDE

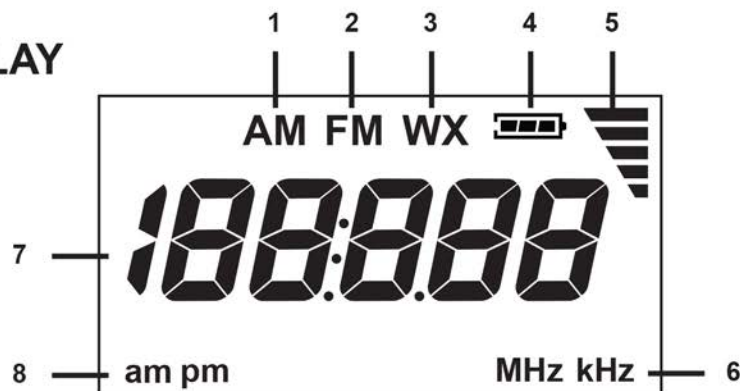
1. Turn the radio over and remove yellow battery pull tab.

Note: Ensure the battery pull tab is completely removed before attempting to power on the unit.

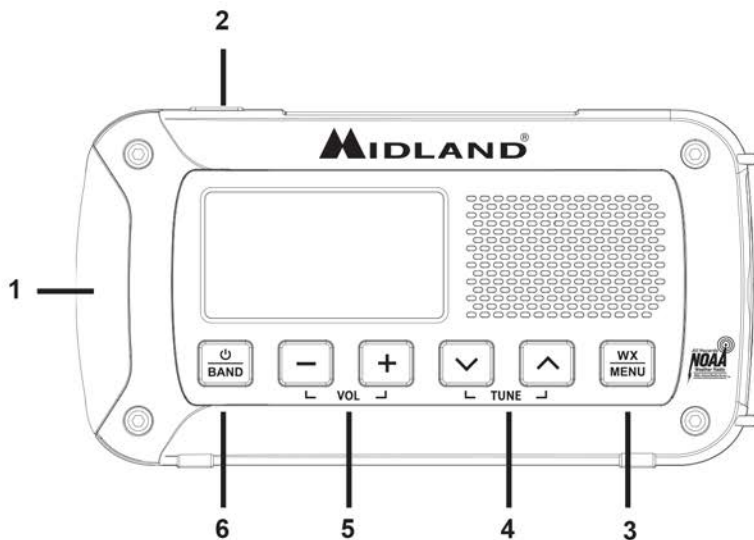
2. To power on the radio, press and hold  for three seconds.
3. Press  to cycle through AM, FM and WX bands.
4. To activate weather alerts, press . The WX icon on the LCD will flash when weather alerts are active.
5. To use the flashlight, press  on the top of the radio. Use  to cycle between low power mode, high power mode, SOS morse code beacon and off.
6. To charge the internal battery, connect the included charging cable to a USB power source then connect the radio's micro-USB port to the charge cable.
7. To access the settings menu, hold down  button for three seconds.

1. AM BAND
2. FM BAND
3. WEATHER BAND
4. BATTERY LEVEL AND CHARGING
5. VOLUME INDICATOR
6. FREQUENCY INDICATOR
7. CLOCK AND CHANNEL NUMBER
8. AM/PM ICON

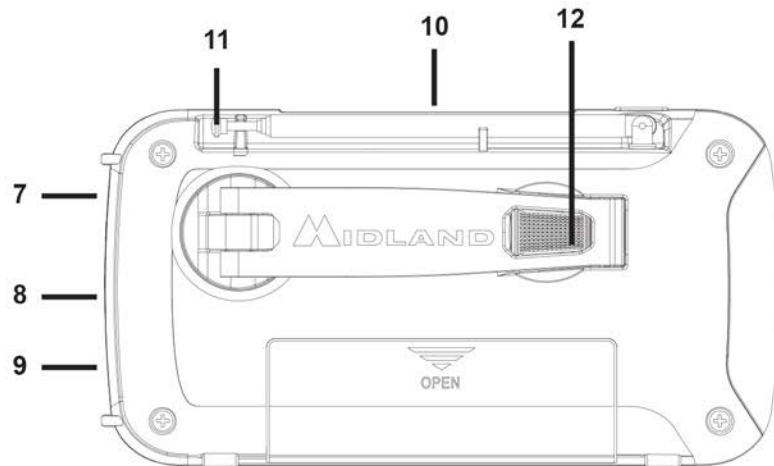
LCD DISPLAY



CONTROLS/FEATURES



1. FLASHLIGHT
2. FLASHLIGHT BUTTON
3. WEATHER ALERTS AND MENU BUTTON
4. TUNE BUTTONS
5. VOLUME BUTTONS
6. POWER AND BAND SELECTION BUTTON





7. HEADPHONE JACK
8. USB DEVICE CHARGING PORT (OUT)
9. MICRO-USB RADIO CHARGING PORT (IN)
10. SOLAR PANEL
11. TELESCOPIC ANTENNA
12. HAND CRANK

OPERATING YOUR RADIO

TURNING THE RADIO ON/OFF

The first time you power on your ER40, you will need to remove and discard the yellow battery pull tab.

1. To turn the radio on, press and hold  for three seconds.
2. To turn the radio off, press and hold  for three seconds.

NOTE: When the radio is powered off, the LCD will display the clock, battery status and weather alerts (if enabled).

POWERING YOUR RADIO

The included rechargeable battery is in the battery compartment. The battery is a 3.7V DC, 2600 mAh lithium ion cell (18650). There are three different ways to charge your ER40 radio:

- USB Charging – Use the provided cable and a USB power source to charge your radio. Insert the USB charge cable into a USB power source and plug the micro USB connector into the micro-USB port. See Battery Level Indicator section for directions on how to tell if your radio is fully charged.
- Hand Crank Charging – Charge your ER40 by rotating the hand crank. Speed of cranking and length of time cranked will determine the charge of the Li-Ion battery. See Battery Level Indicator section for directions on how to tell if your radio is fully charged.
- Solar Panel Charging – Charge your ER40 by placing the solar panel in direct sunlight. See Battery Level Indicator section for directions on how to tell if your radio is fully charged.

NOTE: Before applying power to your ER40 ensure the yellow battery pull tab has been removed.



Only use the provided Midland USB cable for charging.

Only use the provided Midland Li-Ion battery.

This radio does not support Alkaline Batteries. Do not mix Alkaline, Standard or Rechargeable Batteries.

CHARGING EXTERNAL DEVICES

Cell phones and USB-powered devices can be charged using the USB charge cable for that device. Connect the charge cable to the port labeled USB on the side of the ER40. If the radio is on, it will automatically turn off and go into charge mode. The radio should be fully charged before charging external devices.

⚠ Your ER40 will not receive weather alerts when charging an external device.

BATTERY LEVEL INDICATOR

○ 3 Bars = Full Battery	
○ 2 Bars = 2/3 Battery	
○ 1 Bar = 1/3 Battery	
○ No bar = battery low	

When the ER40 is charging, the battery bars will cycle though no bar to three bars.

SELECTING A BAND

To select between AM, FM and weather band, press . Each press will cycle through the bands in the order listed.

ADJUSTING THE VOLUME

To adjust the volume up, press . Then adjust the volume down, press .






TUNING THE RADIO

Press to cycle through AM, FM and weather bands. Once the desired radio band is selected, tune to the desired station using . Press and hold to automatically scan to the next radio station.

NOTE: For best FM and weather band reception, fully extend the telescopic antenna and rotate until reception is clear

SELECTING A WEATHER CHANNEL

Ch. #	Frequency
1	162.400 MHz
2	162.425 MHz
3	162.450 MHz
4	162.475 MHz
5	162.500 MHz
6	162.525 MHz
7	162.550 MHz

The radio has 7 NOAA/NWS weather channels to choose from. Press  to select the WX band. Then use   to select the weather channel for your area. Press and hold   to scan to the next active channel.

Visit weather.gov/nwr/counties for your location specific channel.

WEATHER ALERTS


To activate the weather alert function:

- Press  to activate weather alerts. When weather alerts are activated the WX icon on the LCD will flash.

Receiving weather alerts:

- When an alert is received, the radio will sound an audible siren and the flashlight will flash. The radio will then switch to the current tuned weather radio station to provide you with information on the alert. Press any button to cancel the alert.

To disable the weather alert function:

- Press  to disable weather alerts. When the weather alerts are disabled the WX icon on the LCD will stop flashing (when in weather band mode) or disappear (when in AM/FM mode).








NOTE: Weather alerts can be activated and disabled when the radio is powered off.

NOTE: The ER40 will receive weather alerts when the radio is powered off, tuned to a local weather station and the alerts are activated.









NOTE: The ER40 will not receive weather alerts when the unit is charging an external device.

MENU FUNCTIONS


ACCESSING AND USING THE MENU





Press and hold  for three seconds. To adjust the menu settings use  . To toggle through the menu options, press . To exit the menu, toggle through all the menu options using  or wait 10 seconds and the menu will timeout. Menu settings are saved when the menu is exited or timed out.

SETTING THE CLOCK

To set the clock, press and hold  for three seconds. Setting the clock is the first menu setting. First, use   arrows to select a 12- or 24-hour clock. Press  to confirm your selection. Then, use   to begin adjusting the hours. Press  to confirm your hour setting and begin adjusting the minutes. Press the  one final time to confirm the clock settings. Menu settings are saved when the menu is exited or timed out.


BACKLIGHT

The ER40 comes with three backlight options: always on, 5 second timeout timer or always off. To set the backlight, press and hold  for three seconds. Setting the backlight is the second menu option.



Press  three times to get to the backlight settings. Then, use   to toggle between the three options (ON, 5, OFF). Press  to confirm the backlight settings. Menu settings are saved when the menu is exited or timed out.

NOTE: Setting backlight to “ON” will reduce battery life.

WEATHER CHANNEL DISPLAY

There are two weather channel display options; channel and frequency. To adjust the display, press and hold  for three seconds. Setting the weather channel display is the third menu option. Press  four times to get to the weather channel display settings. Then, use   to toggle between the two options (Ch, Fr). Press  to confirm the backlight settings. Menu settings are saved when the menu is exited or timed out.

FLASHLIGHT

To use the flashlight, press . The flashlight will be in low power mode. Use  to cycle through high power mode, SOS strobe and to power off.

ABOUT NOAA/NWS

NOAA and the NWS operate a system of all-hazard alert broadcasts covering most of the United States. To listen, fully extend the telescopic antenna and rotate until reception is clear. The ER40 can receive broadcasts up to 50 miles from the weather station depending on your location and conditions of weather, terrain, etc. If reception is not good, try a different location. If indoors, placement near a window usually improves reception.

CUSTOMER SERVICE

For Midland Radio Corporation product questions and issues contact Midland Radio Customer Service at (816) 241-8500. Our Customer Service team is available Monday-Friday 8:00 am – 4:30 pm CST.

LIMITED WARRANTY (United States and Canada)

Subject to the exclusions set forth below, Midland Radio Corporation will repair or replace, at its option without charge, any Midland ER40 which fails due to a defect in material or workmanship within One Year following the initial consumer purchase. This warranty does not apply to water damage, battery leak, abuse or misuse of unauthorized accessories, unauthorized service or modification or altered products. Accessories have a 90-day warranty from date of purchase, including any charge cables or batteries.

ANY IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED AS SET FORTH HEREIN AND TO THE DURATION OF THE LIMITED WARRANTY, OTHERWISE THE REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MIDLAND BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE, GROSS NEGLIGENCE, BODILY INJURY, PROPERTY DAMAGE AND DEATH) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR ACCESSORY, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS OR ACCESSORIES TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

For Product Purchased in Canada: Performance of any obligation under this warranty may be obtained by returning the warranted product, along with proof of purchase, to your place of purchase in Canada. This warranty gives you specified legal rights. Additional warranty rights may be provided by law in some areas within Canada.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Note: The above warranty applies only to merchandise purchased in the United States of America or any of the territories or possessions thereof, or from a U.S. Military exchange.

For Product Purchased in the USA: Performance of any obligation under this warranty may be obtained by returning the warranted product, prepaid freight, along with proof of purchase to:

**Midland Radio Corporation
Warranty Service Department
5900 Parretta Drive
Kansas City, MO 64120**

- The device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1) the device does not cause harmful interference, and (2) this radio must accept any interference that may cause undesired operation.
- Note: the grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment
- This device complies with RSS-310 of Industry Canada. Operation is subject to condition that this device does not cause harmful interference

Midland Radio Corporation
5900 Parretta Drive
Kansas City, Missouri 64120
Phone: (816) 241-8500
Fax: (816) 241-5713
E-mail: mail@midlandradio.com
midlandusa.com

