Installing the Nickel-Metal Hydride Battery
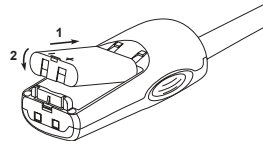
The AU Series radio operates using a Nickel-Metal Hydride (NiMH) rechargeable battery pack, which proves up to 9 hours[1] of usage. A battery, transformer, and drop-in charger tray are supplied with your radio.

⚠️ **WARNING**

DO NOT disassemble the NiMH battery pack.

1. Make sure your radio is turned off, by turning the volume knob counterclockwise.
2. Remove the belt clip, if necessary (see page 11).
3. With the radio back facing you, push the latch on the bottom of the radio away from you and slide the battery cover downward, toward you.
4. Insert the NiMH battery. Read battery pack installation instructions for appropriate fit.
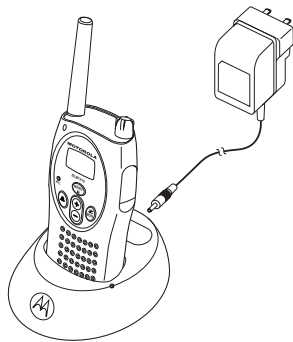5. Slide and snap the battery cover into place.

Note: Remove batteries before storing your radio for extended periods. Batteries corrode over time and may cause permanent damage to your radio. Exercise caution when handling batteries that are leaking. Dispose of exhausted batteries at a designated battery disposal unit and not in the household waste.

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1. Based on a standard duty cycle of 5% Transmit, 5% Receive, and 90% Standby.

Charging using the 53xxx Drop-In Charging Tray

The Drop-in Charging Tray can be placed on any flat surface and provides drop-in charging convenience. The battery must be charged while inside of the radio.

1. Connect the transformer and the drop-in tray by inserting the plug of the transformer into the rear jack of the drop-in charging tray.
2. Plug the transformer into an AC outlet.
3. Turn the radio off. If the radio is on while charging, it will take longer to fully charge.
4. Insert the radio (with battery installed) into the charging tray pocket with the radio front facing the front of the charger.

Battery Meter

The battery meter in the upper left corner of the display shows how much battery power is remaining.
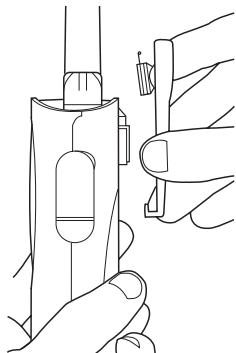
Battery Type	3 Bars	2 Bars	1 Bar	Flashing
	▰▰▰	▰▰	▰	⚡
NiMH	100%–85%	85%–25%	25%–10%	Final 10%

Attaching the Belt Clip

Your radio includes a belt clip for your convenience.

1. To attach the belt clip, slide the belt clip into the grooves on the top of the radio and slide it down until it clicks into place.
2. To remove, pull back the release latch on the top of the belt clip and slide the belt clip up and away from the radio.

Note: In case of loss, please contact your point-of-sales or call 1-800-353-2729 and request a replacement part number (53xxx for the ELB1110 or 53xxx for the ELB1210).

Turning the Radio On and Off

See "Radio Controls" on page 6 for a basic radio diagram.

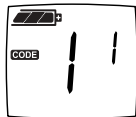Turn ⟨⟨⟨⟩⟩⟩ clockwise to turn the radio ON, and counterclockwise to turn the radio OFF.

When you turn the radio on, the radio chirps and the display briefly shows all features and display segments. The LED on the front left of the radio flashes every three seconds when the radio is ON.

The radio then displays the current channel (larger number) and the frequency assigned to that channel (on the right indicated by **FREQ**).

The Interference Eliminator Code displays briefly (indicated by **CODE**). The code will then disappear and the current channel remains displayed.

Adjusting the Volume

Turn ⟨⟨⟨⟩⟩⟩ clockwise to increase the volume, and counterclockwise to decrease the volume.

Note: Do not hold the radio too close to your ear when adjusting the volume.

Talking and Receiving

Basic Radio Operation

It is good radio practice to monitor the channel you intend to use before transmitting. This practice ensures that you do not interrupt other users already on that same channel.

To check for Channel activity, press 🔘 and listen. If you hear static, then the channel is free for use. If someone is already speaking on that channel do not transmit. Press 🔘 again to stop monitoring.

1. To talk, press and hold the **Push to Talk** button and speak into the microphone. To maximize clarity, hold the radio 2 to 3 inches away from your mouth.
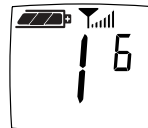2. To listen, release the **Push to Talk** button.

Note: The LED on the front left of the radio lights a steady red when transmitting.

Signal Strength Indicator

When there is activity on a frequency, the radio displays 📶 and the LED flashes once per second.

When there is activity on the same frequency and code as your radio (your radio is receiving), the radio displays 📶 and a signal strength from 1 (weakest) to 6 (strongest). This can help determine when a radio is moving out of range.

Note: Obstacles that block the signal path may affect the strength of the incoming signal.

Programming Mode

In order to speak with someone on your two-way radios, the following features must be set to the exact settings on all radios:

- Channel: The current channel that the radio is using to transmit.
- Frequency: The frequency your radio is using to transmit or receive (see page XX).
- Interference Eliminator Code: These codes help to minimize interference by providing you with a choice of code combinations (see page XX).

Entering Programming Mode

To Do This	Press These Buttons While Turning the Radio ON
Channel	**Push to Talk** button and 🔈
Frequency	**Push to Talk** button and (MENU)
Interference Eliminator Code	⊕ (this will disable "End of Transmission Tone")

Once in Programming Mode, the radio beeps and displays **PROG** .

Note: If you press and release the **Push to Talk** button when programming, you will exit Programming Mode.

14

Make sure **PROG** is displayed. See Entering Programming Mode for instructions on how to access.

Channel

1. The Channel number flashes and the **FREQ** and **CODE** indicators display alternately.
2. Press ⊕ or ⊖ until the desired Channel is selected.
3. Press the **Push to Talk** button to exit.

Frequency

1. Press 🔘 once, the **FREQ** indicator displays and the Frequency flashes.
2. Press ⊕ or ⊖ to choose the desired Frequency.
3. Press the **Push to Talk** button to exit.

Interference Eliminator Code

1. Select the channel on which you wish to change the Code.
2. To set the Code, press 🔘 until the Code number display begins to flash.
3. Press ⊕ or ⊖ to select the desired Code.
4. Press the **Push to Talk** button to exit.

Note: To hear everyone on your frequency, select Interference Eliminator Code 0.

To Specify a Different Code for Each Channel AU1100

1. Press 🔘 and then press ⊕ or ⊖ to select the Channel.

2. Press 🔘 again and then press ⊕ or ⊖ to select the desired Code.

3. Press the **Push to Talk** button to set and exit.

Features

Call Tone

Your radio can transmit Call Tones to other radios in your group so you can alert them that you are about to talk. Once the Call Tone is set, press ⏺ to transmit the Call Tone to others. The number of Call Tones supported by your radio is based on model:

ELB1110   1 Call Tone plus Off

ELB1210   2 Call Tones plus Off

To Set the Call Tones

1. Press 🔘 until LR displays.
2. Press ⊕ or ⊖ hear and select a Call Tone.
3. Setting the Call Tone to 0 sets the Call Tones to OFF.
4. Press 🔘 to exit

Note: The default is set to 0, Call Tones are OFF.

Hands-Free Use/VOX (ELB1210 Only)

This feature allows you to activate the radio transmitter with your voice by using a Motorola authorized audio accessory, instead of having to press the **Push to Talk** button.

It is recommended that the radio volume level be kept to a minimum until the audio accessory is put in place and your radio is turned on to adjust the volume to a user's volume preference.

1. Turn the radio OFF.
2. Open the accessory cover.
3. Insert the audio accessory plug firmly into the accessory jack.
4. Turn the radio ON. The «⚡ icon will display. If flashing, press the **Push to Talk** button to re-enable VOX.
5. To transmit, speak into the accessory microphone. To receive, stop talking.
6. To disable VOX operation, press the **Push to Talk** button or simply remove the audio accessory.

Note: There is a short delay between the start of a voice transmission and when the radio transmits.