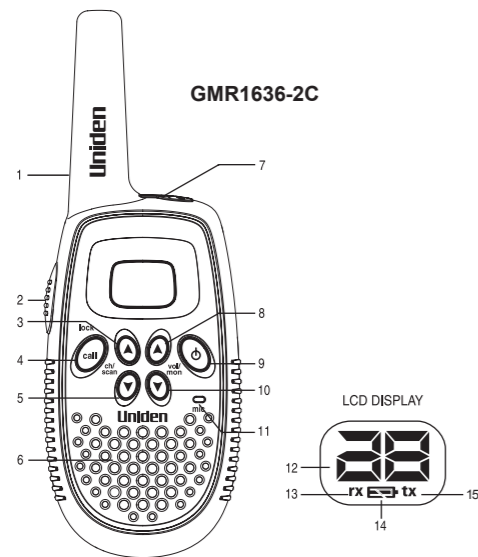


GMR1636-2C

- 15 GMRS / 7 FRS Channels
- Long Battery Life
- Up to 16-mile Range*
- Optional Headset Accessories
- Channel Scan
- Channel Monitor
- Battery Strength Meter
- Call Button
- Roger Beep
- Keytone on/off
- DC IN 9V/Headset Jack

GMRS 2-way radios

*Range may vary depending on environmental and/or topographical conditions.



- | | |
|-----------------------------|-----------------------------|
| 1 Antenna | 9 Power On/Off Key |
| 2 PTT (Push-To-Talk) Button | 10 Volume down/ Monitor Key |
| 3 Channel/Scan up Key | 11 Microphone |
| 4 Call/lock Key | 12 Channel Indicator |
| 5 Channel/Scan down Key | 13 Receive Indicator |
| 6 Speaker | 14 Battery Level Indicator |
| 7 DC IN 9V/Headset Jack | 15 Transmit Indicator |
| 8 Volume up/Monitor Key | |

Congratulations on your purchase of the Uniden GMR1636-2C (General Mobile Radio Service) radio. This lightweight, palm-sized, radio is a state-of-the-art device, equipped with many valuable features. Use it at sporting events, to stay in contact with family and friends, hiking, skiing, outdoors, or in a neighborhood watch for vital communication.

PACKAGE CONTENTS

Your package contains the 2 radios, 6 AAA rechargeable NiMH batteries, one AC adapter (#PS-0040), this reference guide and 2 belt clips. To order the following optional accessories, visit our web site @www.uniden.com or call 1-800-554-3988 during business hours.

Use only Uniden accessories.

- NiMH Battery - #BT-1023
- VOX Headset - #ZA-133
- AC Adapter - #PS-0040

FCC GMRS LICENSE

The radio operates on the General Mobile Radio Service (GMRS) frequencies which require a Federal Communications Commission license to operate. For licensing information and application forms, visit the FCC on-line at: www.fcc.gov/wtb/uls or call the FCC hotline at 1-800-418-3676. If you have any questions you can contact the FCC direct at 1-888-225-5322.

INSTALL THE BATTERIES

Your radio uses 3 AAA supplied rechargeable NiMH batteries or 3 AAA alkaline batteries (not included) for power.

To install the batteries:

- 1) Make sure your radio is OFF.
- 2) Remove the battery compartment door by pressing on and sliding the compartment door, and remove the cover.
- 3) Install 3 AAA rechargeable NiMH batteries into the battery compartment. Be certain to follow the + and - symbols in the compartment. Installing the batteries incorrectly will prevent the unit from operating.
- 4) Replace the battery compartment door by sliding the door into place.

USING A HEADSET

You can use a headset (#ZA-133) for more private communications. To use a headset, lift the rubber cover from over.

CHARGING THE RADIO

If you use the rechargeable NiMH battery, two radios can be charged directly.

- 1) Connect the AC adapter (#PS-0040) to DC IN 9V jack and to a standard 120V AC wall outlet.
- 2) Charge 3 rechargeable NiMH batteries for 16 hours.

Note:

- For charging batteries directly, use only the #PS-0040 AC Adapter cord, available from www.Uniden.com. Other power cords could damage your radio.

- Be sure to install the battery before charge.
- Use only the supplied battery and AC adapter or approved accessories from Uniden.
- Charge time may vary depending on the battery life remaining.
- Do not recharge alkaline batteries. Doing so can create a safety hazard or damage the radio.
- For fastest charging, turn off the radio before charging.
- Battery must be installed for operation, even from external power.
- If battery Power is low, you cannot operate the radio even using external power. Allow the batteries to charge before using. If you try to transmit while power is low, the radio will automatically turn off.

USING THE RADIO

In order to get the most out of your new radio, read this reference guide completely before attempting to operate the radio.

Turning the Radio On and Adjusting the Volume

- 1) Press and hold the key to turn the radio ON.
- 2) To change the volume level press the **vol/mon** ▲ or ▼ key to increase or decrease the volume level.

- 3) Press and hold the key to turn the radio OFF.

Adjusting the Sound (Key Beeps)

Your radio emits a beep each time one of the keys (except for the **PTT** button and **call/lock** key) is pressed. The sound of the Key Beep will increase or decrease depending on the volume level setting.

To turn OFF this beep:

Press and hold the **call/lock** key while turning ON the radio.

To turn ON this beep:

Turn the radio OFF and ON again without pressing the **call/lock** key.

Choosing a Channel

Your radio has 22 channels you can use to talk to others. In order to speak to someone, each of you must be set to the same channel.

To choose a channel:

Press the **ch/scan** ▲ or ▼ key to increase or decrease the channel number displayed.

Channel Scan Feature

Your radio has a channel scan feature that allows you to easily scan all 22 channels. When an active channel is detected, the unit pauses on that channel until the channel is clear. Then after a 2 second delay, the radio continues scanning. Pressing **PTT** button while the scan is paused on a channel will allow you to transmit on that channel.

To turn ON channel scan:

Press and hold either the **ch/scan** ▲ or ▼ key for 3 seconds. The channel number on the display will rapidly cycle through the channels.

To turn OFF channel scanning:

Press either the **ch/scan** ▲ or ▼ key.

Note: If you press either the **ch/scan** ▲ or ▼ key while the unit is pausing on a channel, scanning will resume.

Talking on Your Radio

To talk to others using the radio:

- 1) Press and hold the **PTT** button and speak in a clear, normal voice about 2-3 inches away from the microphone. While you are transmitting, the **tx** icon is displayed. To avoid cutting off the first part of your transmission, pause slightly after pressing the **PTT** button before you start talking.
- 2) When you are finished speaking, release the **PTT** button. You can now receive incoming calls. While receiving, the **rx** icon is displayed.

Using the Optional Headset :

- 1) Connect the optional headset to headset jack of the radio.
- 2) Press and hold the PTT button and speak in a clear, normal voice about 2-3 inches away from the microphone of headset.
- 3) When you are finished speaking, release the PTT button.

Transmitting a Call Alert Tone

Your radio is equipped with a call tone that will be transmitted when the **call/lock** key is pressed.

To transmit the call tone, tap the **call/lock** key. The tone will be transmitted.

Auto Squelch Feature

The radio is equipped with an automatic squelch system which shuts off weak transmissions and unwanted noise due to terrain conditions or if you have reached your range limit.

Monitor Mode Feature

Your radio allows you to listen for weak signals on the current channel at the press of a key.

To turn ON monitor mode:

Press and hold the **vol/mon** ▲ or ▼ key. The **rx** icon will blink.

To turn OFF monitor mode:

Press the **vol/mon** ▲ or ▼ key. The **rx** icon will stop blinking and disappears.

Automatic Power Save Feature

Your radio has a unique circuit designed to dramatically extend the life of the batteries. If there is neither a transmission nor an incoming call within 2 seconds, your radio switches to the Power Save mode. The radio is still able to receive transmissions in this mode.

KEYLOCK ON/OFF

Press and hold the **call/lock** key until the "L" appears. After 1 second, the LCD will return to the channel display.

To exit Keylock on mode, press and hold **call/lock** again.

Note: While in keylock on mode, it will still receive transmissions.

ROGER BEEP

Roger Beep is a BEEP that is sent automatically at the end of transmissions.

Roger Beep can be heard through the speaker when both Roger beep and Key Beep are set to ON. When Roger beep is set to ON and Key Beep OFF, Roger Beep will not be heard from the speaker but it will be transmitted to your party. When Roger Beep is set to OFF, Roger Beep neither be heard nor transmitted.

To turn OFF Roger Beep:

Press and hold the **ch/scan** ▲ key while turning ON the radio.

To turn ON Roger Beep:

Turn the radio OFF and ON again without pressing **ch/scan** ▲ key.

SPECIFICATIONS

Channels	15 GMRS / 7 FRS
Operating Frequency	UHF 462.5500-467.7125 MHz
Power Source	3 AAA NiMH Batteries (BT-1023) or 3 AAA Alkaline Batteries
Battery Life	12 Hours typ. - NiMH Battery Pack (5/5/90 duty cycle)

Frequency Chart

Ch.	Freq.[MHz]	Cross Ref.	Ch.	Freq.[MHz]	Cross Ref.
1	462.5625	FRS & GMRS 1	12	467.6625	FRS 12
2	462.5875	FRS & GMRS 2	13	467.6875	FRS 13
3	462.6125	FRS & GMRS 3	14	467.7125	FRS 14
4	462.6375	FRS & GMRS 4	15	462.5500	GMRS 15
5	462.6625	FRS & GMRS 5	16	462.5750	GMRS 16
6	462.6875	FRS & GMRS 6	17	462.6000	GMRS 17
7	462.7125	FRS & GMRS 7	18	462.6250	GMRS 18
8	467.5625	FRS 8	19	462.6500	GMRS 19
9	467.5875	FRS 9	20	462.6750	GMRS 20
10	467.6125	FRS 10	21	462.7000	GMRS 21
11	467.6375	FRS 11	22	462.7250	GMRS 22

RBRC INFORMATION

As part of our commitment to protect the environment and conserve natural resources, Uniden voluntarily participates in an RBRC® industry program to collect and recycle used Ni-MH batteries within the US.

Please call 1-800-8-BATTERY for information on Ni-MH battery recycling in your area. (RBRC® is a registered trademark of the Rechargeable Battery Recycling Corporation.)



FCC INFORMATION

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Important: Changes or modifications to this unit not expressly approved by Uniden could void your authority to operate this unit. Your radio is set up to transmit a regulated signal on an assigned frequency. It is against the law to alter or adjust the settings inside the radio to exceed those limitations. Any adjustments to your radio must be made by qualified technicians.

To be safe and sure:

- Never open your radio's case.
- Never change or replace anything in your radio except the batteries.

Your radio might cause TV or radio interference even when it is operating properly. To determine whether your radio is causing the interference, turn it off. If the interference goes away, your radio is causing it. Try to eliminate the interference by moving your radio away from the receiver. If you cannot eliminate the interference, the FCC requires that you stop using the radio.

Hazardous Environments: Do not operate the radio in hazardous environments. Explosion or fire may result. Do not operate the radio near unshielded electrical blasting caps. Under certain conditions, radios can interfere with blasting operations and may cause an explosion. Turn your radio OFF to prevent accidental transmission when in a blasting area or in areas posted: "Turn off two-way radio." Construction crews often use remote control RF devices to set off explosives.

Care and Safety: To clean the radio, use a soft cloth dampened with water. Do not use cleaners or solvents because they can harm the body of the unit and leak inside, causing permanent damage. Use a dry, lint-free cloth to clean the battery contacts. Do not submerge the unit in water. If the unit gets wet, turn it off and remove the batteries immediately.

Dry the battery compartment with a soft cloth to minimize potential water damage. Leave the battery compartment cover off overnight to ensure complete drying. Do not use the radio until the unit is completely dry.

FCC RF EXPOSURE INFORMATION

WARNING! Read this information before using the radio
In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters.

Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of the radio complies with the FCC guidelines and these international standards.

Never allow children to operate the radio without adult supervision and the knowledge of the following guidelines.

WARNING! It is up to the user to properly operate this radio transmitter to insure safe operation. Please adhere to the following:

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the radio, or result in violation of FCC regulations. Do not use the radio with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for a replacement antenna.

Hand-held Operation (Held-to-Face)

This device was evaluated for typical hand-held (held-to-face) operations with a 1 inch spacing from the front of the radio. For hand-held operation, the radio should be held 1 inch from the user's face in order to comply with FCC RF exposure requirements.

Body-worn Operation

This device was evaluated for body-worn operations with the supplied belt-clip accessory. (All necessary accessories are included in the package; any additional or optional accessories are not required for compliance with the guidelines.) Third party accessories (unless approved by the manufacturer) should be avoided as these might not comply with FCC RF exposure guidelines. For more information about RF exposure, please visit the FCC web site at www.fcc.gov.

ONE YEAR LIMITED WARRANTY

Important: Evidence of original purchase is required for warranty service.
WARRANTOR: UNIDEN AMERICA CORPORATION ("Uniden")
ELEMENTS OF WARRANTY: Uniden warrants, for one year, to the original retail owner, this Uniden Product to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

WARRANTY DURATION: This warranty to the original user shall terminate and be of no further effect 12 months after the date of original retail sale. The warranty is invalid if the Product is: (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, sub-assemblies, or any configurations not sold by Uniden, (C) improperly installed, (D) serviced or repaired by someone other than an authorized Uniden service center for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by Uniden, or (F) installed or programmed by anyone other than as detailed by the owner's manual for this product.

STATEMENT OF REMEDY: In the event that the product does not conform to this warranty at any time while this warranty is in effect, warrantor will either, at its option, repair or replace the defective unit and return it to you without charge for parts, service, or any other cost (except shipping and handling) incurred by warrantor or its representatives in connection with the performance of this warranty. Warrantor, at its option, may replace the unit with a new or refurbished unit. THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO THE PRODUCT AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OVERPAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow this exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you. LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty

is void outside the United States of America and Canada.

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in the owner's manual you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). The Product should include all parts and accessories originally packaged with the Product. Include evidence of original purchase and a note describing the defect that has caused you to return it. The Product should be shipped freight prepaid, by traceable means, to warrantor:

Uniden America Service
4700 Amon Carter Blvd. Fort Worth, TX 76155
(800) 297-1023 during regular business hours (CST)
(See www.uniden.com for current hours of operation.)

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