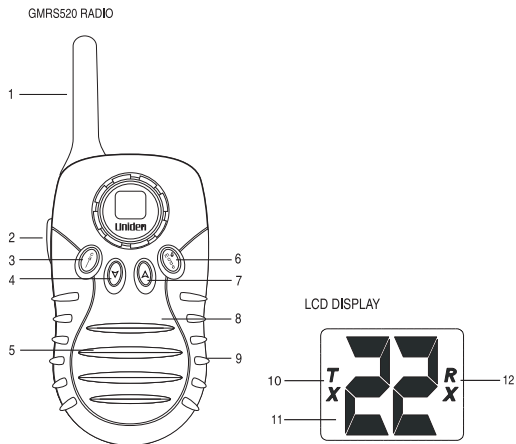


# GMRS520

- 8 GMRS / 14 FRS Channels
- Long Battery Life
- Extended long range\*



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



- 1 Antenna
- 2 PTT Button
- 3 Call Key
- 4 Down Key
- 5 Speaker
- 6 On/Off/Mode Key
- 7 Up Key
- 8 Microphone
- 9 Battery Cover

- 10 Transmit Indicator
- 11 Channel Indicator
- 12 Receive Indicator

Congratulations on your purchase of the Uniden GMRS520 (General Mobile Radio Service) radio. This product is a lightweight, palm-sized radio. 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 GMRS520 radio, this reference guide, and a product registration card. You will need to purchase 3 AAA alkaline batteries in order to operate the unit.

## FCC GMRS LICENSE

The GMRS520 radio operates on the General Mobile Radio Service (GMRS) frequencies which require a Federal Communication Commission license to operate. For licensing information and application forms, visit the FCC on-line at: [www.fcc.gov/wtb/uls](http://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 GMRS520 radio uses 3 AAA alkaline batteries for power. We recommend using high quality alkaline batteries.

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 allowing the door to be removed.
- 3) Install 3 AAA Alkaline batteries (not included) 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 THE RADIO

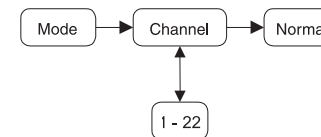
In order to get the most out of your new radio, read this reference guide completely before attempting to operate the radio.

### Turning the Radio On and Adjusting the Volume

- 1) Press and hold the **mode** key to turn the radio ON.
- 2) To change the volume level press the ▲ or ▼ keys to increase or decrease the volume level.
- 3) Press and hold the **mode** key to turn the radio OFF.

### Navigating through the Menu

To access the channels your radio has a Menu function.



- 1) To enter the Menu, press and release the **mode** key.
- 2) An additional press of the **mode** key will exit to "normal" operating mode.
- 3) Other methods of exiting the Menu function are:
  - a. Press **PTT**.
  - b. Wait 10 seconds until the unit automatically returns to "normal" mode.

### Choosing a Channel

Your GMRS520 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:

- 1) Press and release the **mode** key.
- 2) Press the ▲ or ▼ keys to increase or decrease the channel number displayed.

## 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.

## Transmitting a Call Alert Tone

Your GMRS520 radio is equipped with a call tone that will be transmitted when the **call** key is pressed.

To transmit the selected call alert tone, press the **call** key. The tone will automatically be transmitted for a fixed length of time.

## Auto Squelch Feature

The GMRS520 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.

## Automatic Power Save Feature

Your GMRS520 has a unique circuit designed to dramatically extend the life of the batteries. If there is no transmission within 5 seconds, your radio switches to the Power Save mode. The radio is still able to receive transmissions in this mode.

## SPECIFICATIONS

Channels	8 GMRS / 14 FRS
Operating Frequency	UHF 462.5500-467.7125 MHz
Power Source	3 AAA Alkaline Batteries
Output Power	500mW Conducted
Battery Life	48 Hours (5/5/90 duty cycle)

### Frequency Chart

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

### FCC Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:

- This device may not cause harmful interference.
- 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.

**Portable Radio Operation and SAR Exposure:** When transmitting with a portable radio, hold the radio in a vertical position with the microphone at least 2 inches away from the mouth. Keep the antenna at least 4 centimeters (about 2 inches) from your head or body when transmitting. This radio has been tested for body-worn operation and meets FCC RF exposure requirements when used with the supplied Uniden belt-clip. The use of other body-worn accessories may not ensure compliance with FCC RF exposure requirements.

**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.

**Audio Accessories:** Do not operate the radio with audio accessories at high volume levels. Hearing experts advise against continuous high volume operation. If you experience a ringing in your ears, reduce the volume level or discontinue use. Always make sure the radio is turned off before plugging audio accessories into the accessory jack.

**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.

### 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.

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 Corporation  
Parts and Service Division  
4700 Amon Carter Blvd., Fort Worth, TX 76155  
(800) 297-1023, 8 a.m. to 5 p.m. Central, Monday through Friday  
[www.uniden.com](http://www.uniden.com)

Covered under one or more of the following U.S. patents:

4,684,870	4,734,049	4,963,844	5,203,015	5,214,789	5,491,745
5,497,508	5,517,677	5,526,528	5,557,606	5,574,994	5,610,946
5,613,201	5,625,870	5,627,876	5,628,059	5,634,196	5,634,205
5,678,176	5,697,096	5,717,312	5,722,070	5,787,345	5,901,341
6,021,326	6,084,861	6,163,691	6,195,415	6,353,730	

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