UT01897ZZ_1 6/20/03 11:59 AM Page 1

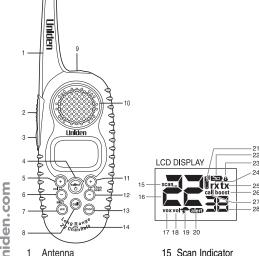
GMRS720-2

- Power Boost kev for Maximum
- 38 CTCSS Codes
- Up to 7 Mile Range* • 7 FRS/GMRS, 7 FRS, 8 GMRS
- Internal VOX Circuitry
- 5 Selectable Call Tone Alerts
- Backlit LCD Display
- Optional Headset Accessories Headset Jack
- 8 DuraCell Ultra "AA" Alkaline Batteries included
- Transmit Confirmation Tone



Range may vary depending on environmental and/or topographical conditions

GMRS720-2 RADIO



16 Channel Indicator

19 Weather Indicator

18 Volume Setting Indicator

20 Weather Alert Indicator

21 GMRS/FRS Indicator

23 Keypad Lock Indicator

24 rx (receive) Indicator

27 Call Indicator

28 CTCSS Indicator

22 Battery Level Meter

17 VOX Indicator

- Antenna
- PTT (Push-To-Talk) Button Power Boost Key
- Select/ (power) Key Vol (volume) Up Key
- Vol (volume) Down Key WX/Alert Kev
- Call Key Headset Jack
- 10 Speaker
- 11 Chan(Channel)/scan + (up) Key 25 tx (transmit) Indicator 12 Chan(Channel)/scan-(down) Key 26 Boost Indicator
- 13 Mon (monitor) Key

- Battery Level Meter Channel Monitor
- Channel Scan
- Keypad Lock 7 Emergency / Weathe
- Channels
- Emergency / Weather

OPTIONAL ACCESSORIES

Congratulations on your purchase of the Uniden

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.

This compact, state-of-the-art device is equipped

GMRS720-2 (General Mobile Radio Service) radio.

Your package contains two GMRS720 radios, this reference guide, including a product registration card. You may operate the unit using 4 AA alkaline batteries (included). The following optional accessories may be purchased from your participating Uniden dealer or call1-800-554-3988 or visit us on the web at www.uniden.com. Use only Uniden accessories.

Headset - #HS2467

with many features.

FCC GMRS LICENSE

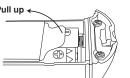
The GMRS720-2 radio operates on the General Mobile Radio Service (GMRS) frequencies which require a Federal Communication Commission license to operate. For licensing information and application forms, visit the FCC online at: www.fcc.gov/wtb/uls or call the FCC hotline at 1-800-418-3676. If you have any questions you can contact the FCC direct at 1-888-225-5322.

INSTALL THE BATTERIES

Your GMRS720-2 radio uses 4 AA alkaline batteries. If alkaline batteries are used, we recommend using high quality alkaline batteries.

To install the 4 AA alkaline batteries:

- 1) Make sure your radio is OFF.
- 2) Open the battery compartment door by sliding the catch on the bottom of the radio. Then, remove the battery holder.
- 3) Pull up the tab on the battery holder to open the battery compartment cover.



4) Install the 4 AA alkaline batteries (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.

- 5) Replace the battery compartment cover.
- 6) Insert the battery holder into the radio until it
- 7) To make sure that the battery pack is secure after installation, press up on the catch until it

BATTERY LEVEL AND **LOW BATTERY ALERT**

This unit has a battery level meter on the display to indicate the status of the batteries. When the batteries in the unit are low, the battery level meter icon will flash. Replace the alkaline batteries immediately.

USING THE RADIO

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

Turning the Radio On and Adjusting the Volume

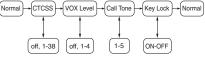
- 1) Press and hold the select/ \bigcirc key to turn the unit ON, and increase the speaker volume by pressing the vol + key. To decrease the volume, press the vol - key.
- 2) Press and hold the select/ key again to turn the unit OFF.

Adjusting the Sound (Key Beeps)

Your radio emits a beep each time one of the buttons or keys (except for the PTT button, Power boost key and call key) are pressed. To turn this sound OFF, press and hold call while turning ON the radio. Repeat this step to turn the sound ON.

Navigating through the Menu

To access the advanced features of the GMRS720-2, your radio has a Menu function.



- 1) To enter the Menu, press the select/ \bigcirc kev.
- 2) Additional presses of the select/ \bigcirc key will advance you through the Menu until exiting to "Normal" operating mode.
- 3) Other methods of exiting the Menu function are: a. Press and hold the select/ \(\triangle \) key again.
- b. Press PTT, boost, mon, vol +/-, or call.
- c. Wait 10 seconds until the unit automatically returns to "Normal" mode.

Note: Only the Key Lock menu is available when it is in the Weather Radio Broadcast mode.

Choosing a Channel

Your radio has 22 channels and 38 CTCSS codes you can use to talk to others. In order to speak to someone, each of you must be set to the same channel and CTCSS code.

To choose a channel:

With the radio in "Normal" operating mode press the chan/scan + or - key to increase or decrease the channel number displayed.

Note: FRS Channels 8-14 have an expectancy range of up to 2 miles. GMRS channels 1-7, 15-22 have an expectancy range of up to 5 miles and up to 7 miles by pressing the Power boost key.

Choosing a CTCSS Code

Each of the channels 1-22 may have any one of the codes, OFF or 1-38 selected. Code indicates no CTCSS code selected and your radio can receive a signal regardless of the code settings of the transmitting radio.

-) Enter the Menu. The CTCSS code on the LCD display will flash.
- 2) Press the *chan/scan* + or key to increase or decrease the code number displayed. You can also select **F** (off) at this stage.
- 3) Exit the Menu to return to "Normal" mode.

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 will appear on the display. 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 **PT1** button. You can now receive incoming calls. While receiving, the **rx** icon will appear on the display.

Note: When you press the Power boost key, boost and tx icon appear on the display. The radio will transmit Maximum Power when a GMRS channel is selected. After one minute past when the boost transmission is established, the transmission stops automatically, and you will hear a boost time out error tone.

Voice Operated Transmission/Confirmation Tone

Your GMRS720-2 radio is equipped with a user selectable Voice Operated Transmitter (VOX) that can be used for automatic voice transmissions. The VOX feature is designed to be used with a headset with a microphone. Transmission is initiated by speaking into the remote microphone instead of

pushing the **PTT** button. A beep tone will be heard to indicate the transmission has stopped. Note: When the VOX feature is enabled .the GMRS720 will emit a confirmation tone to indicate

the end of transmission. To select the VOX level:

- I) Enter the Menu. Advance through the Menu until the vox icon appears on the display. The current level (off, 1-4) will be indicated. Level disables VOX, while levels :- \= set the sensitivity of the VOX circuit.
- 2) Press either the *chan/scan* + or key to the desired VOX sensitivity level. Use level 4 for increased sensitivity to voice in normally quiet environments, and use a lower level to reduce undesired activation in very noisy environments B) Exit the Menu.

Transmitting a Call Tone

Your GMRS720-2 radio is equipped with 5 selectable call tones that will be transmitted when the call key is pressed.

To select a call tone:

- 1) Enter the Menu. Advance through the Menu until the **call** icon is shown on the display. The current call tone number (:- =) will be
- Press the chan/scan + or key to increase or decrease the number to the desired call tone. Each tone will be heard through the speaker.
- Exit the Menu.

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

Channel Scan Feature

Your GMRS720-2 radio has a channel Scan feature that allows you to easily Scan all 22 channels. When an active channel is detected, the unit will pause on that channel until the channel is clear. Then after a 2 second delay, the unit will continue scanning. Pressing the PTT button or the Power **boost** key while the Scan is paused on a channel will allow you to transmit on that channel.

To turn ON channel scanning:

Press and hold either the **chan/scan** + or - key until the **scan** icon is displayed. The channel number on the display will change as the radio rapidly cycles through the channels.

To turn OFF channel scanning:

Press the select/ . call. the Power boost kev. wx/alert key, or the PTT button.

Keypad Lock

To Lock the keypad:

- 1) Enter the Menu. Advance through the Menu until the Keypad Lock icon the icon appears on the display. The current key Lock status (**OFF**) blinks on the display.
- 2) To switch the key Lock mode from OFF to ON, press the chan/scan + key.
- 3) To confirm the setting, press the select/ riangle key. The radio returns to the "Normal" mode.

Note: If you exit the setting mode before confirming your selection by pressing the select/ key, the key Lock setting will be set to **OFF**.

To Unlock the keypad:

- 1) Press and hold the select/ key to turn the unit
- 2) Press and hold the select/ key again to turn the unit ON. The keypad is unlocked.

Note: Key Lock is automatically canceled when WX alert is decoded.

Automatic Power Save Feature

Your GMRS720-2 radio has a unique circuit designed to dramatically extend the life of the

If there is no transmission nor an incoming call within 3 seconds, your radio switches to the Power Save mode. The radio is still able to receive transmissions in this mode.

LCD Backlight

The LCD backlight will automatically turn ON when any key (except the PTT button or the Power boost key) is pressed. The LCD display will illuminate for 10 seconds before turning OFF.

Monitor Mode Feature

Your GMRS720-2 radio allows you to listen for weak signals on the current channel at the press of a key.

To turn ON the monitor mode:

- Press the mon key for brief listening, the rx icon will blink.
- Press and hold the mon key for 2 seconds for continuous listening. The receiver circuit will stay open, and letting in both the noise & weak signals.

To turn OFF monitor mode:

 Press the mon key to return to "Normal" mode. and the **rx** icon stops blinking.

Please do not send products or other correspondence to this address.

039 Q

PLACE FIRST-CLASS STAMP HERE

Uniden

PRODUCT REGISTRATION DEPARTMENT PO BOX 44486 **DENVER CO 80201-4486** USA

Haldhaaldhaadhlalalalalalalalala

Uniden

Complete the attached registration card and return today to receive these 3 important benefits:

PRODUCT REGISTRATION CARD

CONFIRM YOUR WARRANTY:

Your prompt product registration confirms your right to the protection available under the terms and conditions of your Uniden warranty.

► PROTECT YOUR PRODUCT:

We will keep the model number and date of purchase of your new Uniden product on file to help you refer to this information when necessary.

► HELP US DEVELOP NEW PRODUCTS:

We value your input! Your responses will help us bring you new products specifically designed to meet your needs.

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•	Please fill-out and return this card	wi	thin 10 days!		Inidor
1	1 1 1 1		name:	039 Q	ııııucı
	Address: (number and street) City:		Apt nu Apt code:		
2	E-mail address: (Example: yourname@yourhost.com)				
	Yes! I want to receive offers or communications from Uniden via a Yes! I want to receive offers or communications that may interest be shared with and/or combined with information from other source.	me fr		il. I understand	1 this e-mail address may
3	Date of purchase: Day Year	16	Date of birth of children in and younger: Gender	Birth	Date
4	Purchase Price: \$00 (excluding tax)		Male Female Child #1 1 □ 2 □	Month	Year
5	Serial Number: (Located on the back of each unit)		Child #2 1 2 2		
		17	For your primary residence	e, do you: 2. □ F	Rent
	(Applies to FRS/GMRS only)	18	Education:		
6	Model Number: (Example: GMRS540-2, WX500)		(Please check which categor 1. □ Some high school	y applies to you 3. □ 0	ı): College degree
			2. Completed high sch	100l 4. 🗆 (ŭ.
7	Which Uniden product did you purchase? 1. □ FRS/GMRS Radio 2. □ Weather Radio	19	I/we buy these things thro or from television:	,	,
8	Store Name:		Books/magazines Checks (not from a ban		B. Internet C. TV
			 Children's products Clothing 		
9	Check the two (2) most important reasons influencing your purchase of this Uniden Product: 1.		5. Computer products 6. Cosmetics/jewelry 7. Crafts/hobbies 8. Gardening supplies 9. Gifts 10. Housewares/furnishing 11. Insurance/financial prod 12. Music/video/DVD	ducts 🗆	
10	Check the two (2) most important features to you on this Uniden product: 1. □ Range 6. □ Color	00	13. Sports equipment 14. Travel 15. Other		
	2.	20	I/we have these credit card 1. ☐ American Express/D 2. ☐ Discover 3. ☐ Retail/Gas	iners Club 4. E 5. E	□ Visa/MasterCard □ Other □ None
11	How did you first become aware of this product? 1.	21	Someone in my home enjo 1.	21. 22. 23. 24. 25. 26. 27.	Gourmet food/cooking Grandchildren Home decorating Hunting/shooting Investing Lottery/sweepstakes Pets-cats Pets-doos
12	Your gender: 1. ☐ Male 2. ☐ Female		9. ☐ Computers/Internet 10. ☐ Cooking/recipes	29. □ 30. □	Pets-other Photography
13	Your marital status: 1. ☐ Married 2. ☐ Single		11. ☐ Crafts/needlework 12. ☐ Cultural art/events 13. ☐ Cycling	32. □ 33. □	Play sports Self improvement Skiing/snowboarding
14	Date of your birth: Day Year		14. ☐ Dieting/weight control 15. ☐ Do-it-yourself 16. ☐ Donating to charity 17. ☐ Fishing	35. □ 36. □	Travel-Foreign Travel-U.S. Vacation cruises Vitamins/natural foods
15	Including yourself, how many people live in your household? (Examples: 01, 02, etc.) Children (18 and younger) Adults		18. ☐ Fitness/exercise 19. ☐ Gardening 20. ☐ Golf	38. □ 39. □	

Thank you for completing this questionnaire. Your answers will help us and other companies reach you with offers that may interest you. If you prefer not to receive these offers, please check here []

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JSING THE EMERGENCY /WEATHER RADIO

Your GMRS720-2 radio can receive Emergency/Weather broadcasts from the NOAA National Weather Service. When in the Emergency/Weather Radio Alert mode, the system functions as it does in GMRS/FRS mode but also monitors the selected weather channel for alerts while you are not transmitting. While using the Emergency/Weather Radio, you are not able to receive GMRS/FRS communications.

- 1) To turn ON the Emergency/Weather Radio Broadcast mode, press the wx/alert key. The weather icon papears on the display.
- 2) Press *chan/scan* + or key to increase or decrease the number to the desired Emergency/Weather Channel.
- 3) To exit, press the wx/alert key. The weather icon pdisappears from the display.

Choosing an Emergency/Weather Channel

There are 7 NOAA channel frequencies available and these frequencies are common between the US and Canada. You will need to know what frequency is being transmitted in your location.

- 1) Press and hold the wx/alert key, the alert icon appears on the display.
- 2) When the unit receives a warning signal, it beeps for 5 seconds. The weather icon the alere icon and channel indicator blinks.
- 3) To turn OFF Weather Alert, press and hold the wx/alert. key. The alert icon disappears from the display.
- When Emergency/Weather Alert is activated, the highest priority is given to this function. It checks for alert signals every 6 seconds and switches to the warning receive mode automatically.

NOAA Weather Radio Frequency List

Channel 1 162.550 MHz Channel 5 162.450 MHz Channel 2 162.400 MHz Channel 6 162.500 MHz Channel 3 162.475 MHz Channel 7 162.525 MHz Channel 4 162.425 MHz

SPECIFICATIONS

(5/5/90 duty cycle)

Ch. Freq. Cross Ref.

Channels 15 GMRS / 7 FRS CTCSS Codes 38 Sub-Audible Tones Operating Frequency FRS/GMRS 462.5500 -467.7125 MHz W/X 162.400 - 162.550 MHz Power Source 4 AA Alkaline Batteries Range Channels 8-14 up to 2 miles Channels 1-7, 15-22 up to 5 miles (PTT mode) and 7 miles (at boost mode) 18 Hours typ. -Battery Life Alkaline Batteries

Frequency Chart Ch. Freg. 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 1	
	5	462.6625	FRS & GMRS 5	16	462.5750	GMRS 8	
	6	462.6875	FRS & GMRS 6	17	462.6000	GMRS 12	
	7	462.7125	FRS & GMRS 7	18	462.6250	GMRS 9	
	8	467.5625	FRS 8	19	462.6500	GMRS 13	
	9	467.5875	FRS 9	20	462.6750	GMRS 10	
	10	467.6125	FRS 10	21	462.7000	GMRS 14	
	11	467.6375	FRS 11	22	462.7250	GMRS 1	
CTCSS Chart (Hz)							
	Co	Code Freq.		Cod	e Fre	Freq.	
	οF	0	FF	20	131	1.8	
	1	67	7.0	21	136	6.5	
	2	71	1.9	22	141	1.3	
	3	74	1.4	23	146	5.2	
	4	77	7.0	24	151	1.4	
	5	79	9.7	25	156	6.7	
	6	82	2.5	26	162	2.2	
	7	7 85.4		27	167.9		
	8			28	173.8		
	9		1.5	29			
	10		1.8	30			
		97			192		
	12		0.0	32	203		
)3.5		210		
	14)7.2	34			
		11			22		
	16	11	14.8	36	233	3.6	

37

38

241.8

250.3

118.8

123.0

127.3

17

18

19

FCC INFORMATION

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

(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. **Body-worn Operation**

This device was tested for typical body-worn operations using the supplied belt-clip. To maintain compliance with FCC RF exposure requirements, Body-worn operations are restricted to the supplied belt-clip.

For hand-held operation, the radio should be held 1 inch from the user's face. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements and should be avoided.

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 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

Covered under one or more of the following

4,684,870 4,734,049 5,203,015 5,214,789 5,491,745 5,497,508 5,517,677 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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