

SX237

- 22 Channels (15 GMRS/7 FRS Channels)
- 121 Privacy Codes
- Channel Scan
- Channel Monitor
- Key Lock
- Beep Tone
- Backlight
- Volume Setting
- Last Channel Memory
- Auto Squelch
- Weather Channels
- Weather Alert
- 5 VOX levels
- 10 Call tones
- Roger Beep
- Battery Strength Meter
- Battery Save/Low Battery Alert
- Call Button
- Up to 23-mile Range*
- Charging Kit (model names with CK) or Y-Split micro USB cable (model names with C)
- Earbud/Headphone Jack

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



1	Antenna	8	LCD
2	Push to Talk	9	CH/VOL Up
3	Headphone/microUSB jack	10	CH/VOL Down
4	WX/LOCK	11	CH/LIGHT
5	CALL/MON	12	Microphone
6	MENU/Power	13	Charging Contacts
7	Speaker		

Congratulations on your purchase of a Uniden SX237 series 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

Each radio uses 3 AA rechargeable Ni-MH batteries, included.

If your model number contains a "C," your package contains a microUSB Y charging cable.

If your model number contains "CK," it contains a charging kit (including a charging cradle).

If your models number contains "HS," it contains headsets.

Refer to the packaging for other specific contents.

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

Each radio uses 3 AA rechargeable NiMH batteries (included).

- If necessary, remove the belt clip. Press up on the belt clip latch and slide the belt clip off of the radio.
- Remove the battery compartment door by pressing on and sliding out the compartment door. Remove the cover.
- Install the 3 AA 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.
- Replace the battery compartment door by sliding the door into place.
- Replace the belt clip if necessary.

BATTERY LEVEL / LOW LEVEL ALERT

This unit has a battery level meter on the display to indicate the status of the batteries. When the battery in the unit is low, the battery level meter icon flashes and . Recharge the batteries immediately.

CHARGING THE RADIO

For radios with microUSB Y-cable:

- Plug one branch of the microUSB Y-Cable into each radio's microUSB charge port.
- Insert the other end (USB) into a USB

power source (computer, phone charger, etc - not included).

- Charge the batteries for 16 hours and disconnect the radio from the Y-cable after charging.

For radios with a charging cradle:

- Connect the AC adapter to DC IN 9V jack on the charger and to a standard 120V AC wall outlet.
- Set the charging cradle on the desk or tabletop, and place the radio in the charging cradle with the keypad facing forward.
- Make sure that the LED illuminates. Charge the batteries for 16 hours and remove the radio from the charging cradle after charging.

Warning!

- Neither the radio nor the charging cradle are waterproof.
- If the charging cradle falls into water, unplug it before attempting to remove it from the water. Allow the cradle to dry completely before reconnecting the power.
- Wipe off dirt or shake water from your radio before placing in the charging cradle if your radio is soiled or wet.

Notes:

- Install the batteries before charging. Charge time may vary depending on the battery life remaining. For fastest charging, turn off the radio before charging.
- 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

- Press and hold the **MENU/** key to turn the radio ON.
- Press and hold the **MENU/** key to turn the radio OFF.
- Press the **▲** or **▼** keys to increase or decrease the volume level. **L0 - L8** displays as you press the keys.

USING THE MENU

Press **MENU/** key to enter the Menu system. Each time you press **MENU/** key you advance through the system.

- Press **MENU/** once; access Privacy Codes (0 - 121).
- Press **MENU/** twice; set the transmit (call) tone for your radio (1 - 10, Off)
- Press **MENU/** three times - access VOX. (Levels 1 - 5, Off)

- Press **MENU/** four times - exit Menus.

WORKING WITH CHANNELS / PRIVACY CODES

Your radio has 22 channels and 121 Privacy Codes you can use to talk to others. In order to speak to someone, each of you must be set to the same channel/Privacy Code.

- With the radio on, press **CH/LIGHT** key once. The current channel number flashes.
- Use the **▲** or **▼** keys to select other channels (1 - 22). Press and hold **▲** or **▼** keys to rapidly change channels.
- Press **CH/LIGHT** key again to set the selected channel.
- Press **MENU/** key once. The current Privacy Code flashes.
- Use the **▲** or **▼** keys to select other Privacy Codes (1 - 121). Press and hold **▲** or **▼** keys to rapidly change Privacy codes.
- Press **MENU/** key three times to set the Privacy Code and exit the Menus.

VOICE OPERATED TRANSMISSIONS

Your 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 headset's microphone instead of pushing the **PTT** button.

To select the VOX level:

- Enter the Menu. Advance through the Menu until the vox icon appears on the display. The current level (OFF, 1-5) will be indicated. Level **oF** (OFF) disables VOX, while levels 1-5 set the sensitivity of the VOX circuit.
- Press either the **▲** or **▼** keys to select the desired VOX sensitivity level. Use level 1 for increased sensitivity to voice in normally quiet environments, and use a higher level to reduce undesired activation in very noisy environments.

CHANNEL SCAN FEATURES

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.

When the unit stops on an active channel, you can press the **PTT** button on the microphone to transmit on that channel.

To turn ON channel scan

Quickly press **CH/LIGHT** then hold **▼** for 3 seconds. The channels will cycle down through all 22 channels. To reverse scan direction, press **▲**. To stop scanning, press **MENU/**.

TALKING ON YOUR RADIO

- 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 displays. To avoid cutting off the first part of your transmission, pause slightly after pressing the **PTT** button before you start talking.)

- When you are finished speaking, release the **PTT** button. You can now receive incoming calls. While receiving, the **rx** icon displays.

KEY LOCK

- To lock the keypad, press and hold **WX LOCK** key. The icon appears on the display.
- To unlock the keypad, press and hold **WX LOCK** key again. The icon disappears from the display.

Note: While keylock is on, you can still use the radio to receive, transmit, use call, turn volume up or down, **MON** and **MENU/** to turn the radio on or off.

BACKLIGHT

Press and hold **CH/LIGHT**. A red backlight turns on. It automatically turns off after several seconds

TRANSMITTING A CALL ALERT TONE

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

To transmit the call tone, press the **CALL/MON** key. The tone will be transmitted.

AUTO SQUELCH

The radio is equipped with an automatic squelch system which shuts off weak transmissions and unwanted noise due to terrain conditions or range limitations.

MONITOR MODE

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 **CALL/MON** for 2 seconds. The **tx** icon displays. On a channel that does not have activity, you will hear only an open-squelch hissing noise.

To turn OFF monitor mode, press and hold the **CALL/MON** key for 2 seconds again.

SPECIFICATIONS

Channels	143 (22 Channels + 121 Privacy Codes)
Operating Frequency	UHF 462.5500 - 467.7125 MHz (GMRS) 162.4000 - 162.5500 MHz (WX)
Power Source	3 rechargeable NiMH batteries per radio
Battery Life	12 hours typical (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 11
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 15

CTCSS Chart (Hz)

Code	Freq.	Code	Freq.
oF	OFF	20	131.8
1	67.0	21	136.5
2	71.9	22	141.3
3	74.4	23	146.2
4	77.0	24	151.4
5	79.7	25	156.7
6	82.5	26	162.2
7	85.4	27	167.9
8	88.5	28	173.8
9	91.5	29	179.9
10	94.8	30	186.2
11	97.4	31	192.8
12	100.0	32	203.5
13	103.5	33	210.7
14	107.2	34	218.1
15	110.9	35	225.7
16	114.8	36	233.6
17	118.8	37	241.8
18	123.0	38	250.3
19	127.3		

DCS Code List

Tone No.	Octal Code	Tone No.	Octal Code	Tone No.	Octal Code
39	023	74	251	109	631
40	025	75	261	110	632
41	026	76	263	111	654
42	031	77	265	112	662
43	032	78	271	113	664
44	043	79	306	114	703
45	047	80	311	115	712
46	051	81	315	116	723
47	054	82	331	117	731
48	065	83	343	118	732
49	071	84	346	119	734
50	072	85	351	120	743
51	073	86	364	121	754
52	074	87	365	122	036
53	114	88	371	123	053
54	115	89	411	124	122
55	116	90	412	125	145
56	125	91	413	126	212
57	131	92	423	127	225
58	132	93	431	128	246
59	134	94	432	129	252
60	143	95	445	130	255
61	152	96	464	131	266
62	155	97	465	132	274
63	156	98	466	133	325
64	162	99	503	134	332
65	165	100	506	135	356
66	172	101	516	136	446
67	174	102	532	137	452
68	205	103	546	138	454
69	223	104	565	139	455
70	226	105	606	140	462
71	243	106	612	141	523
72	244	107	624	142	526
73	245	108	627		

MAINTENANCE

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.**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.

FCC RF EXPOSURE INFORMATION

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.

FCC PART 15 / IC Compliance

FCC PART 15 COMPLIANCE

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

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Avis de conformité à la FCC : Ce dispositif a été testé et s'avère conforme à l'article 15 des règlements de la Commission fédérale des communications (FCC). Ce dispositif est soumis aux conditions suivantes: 1) Ce dispositif ne doit pas causer d'interférences nuisibles et; 2) Il doit pouvoir supporter les parasites qu'il reçoit, incluant les parasites pouvant nuire à son fonctionnement.

Tout changement ou modification non approuvé expressément par la partie responsable pourrait annuler le droit à l'utilisateur de faire fonctionner cet équipement.

IC COMPLIANCE

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Cet appareil est conforme aux normes RSS exemptes de licences d'Industrie Canada. on fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférences nuisibles et (2), il doit pouvoir accepter les interférences, incluant celles pouvant nuire à son fonctionnement normal.

Tout changement ou modification non approuvé expressément par la partie responsable pourrait annuler le droit à l'utilisateur de faire fonctionner cet équipement.

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:

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