

Owner's Manual

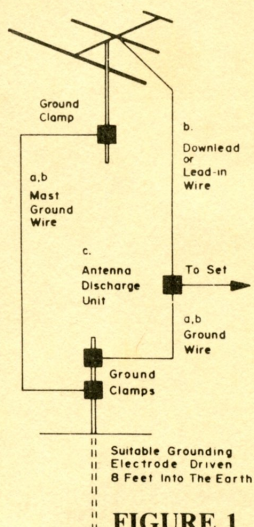


Regency Scanners Model R1040



Safety Precautions

1. Be sure to read and follow all safety and operating instructions before operating your unit. You should also retain all instructions for future reference.
2. Adhere to any warnings or special instructions which may appear in the operating instructions or on the unit itself.
3. DO NOT operate the unit near water (e.g. near a sink, in a wet basement, or near a pool), and DO NOT expose the unit to rain as electrical shock or fire could result.
4. Place the unit where the ventilation openings are not obstructed. Warm locations such as near heating vents or radiators should be avoided.
5. The power cord should be routed so that it will not be walked on or pinched by items placed upon or against it. DO NOT run a power cord under carpeting. Connect the unit to a power source only of the type described in the operating instructions or as marked on the appliance.
6. The unit should be used only with a cart or stand that is recommended by the manufacturer and should be mounted to a wall or ceiling with manufacturer's advice.
7. If the unit is to be left unused for a long period of time, the power cord should be unplugged from the outlet.
8. DO NOT attempt to service the unit yourself beyond what is described in the operating instructions. All servicing should be referred to a qualified technician. Should one of the following occur, send the unit to a qualified technician:
 - a). The unit shows a marked change in performance.
 - b). Power cord has been damaged.
 - c). The unit has been dropped or enclosure damaged.
 - d). The unit has been exposed to rain.
9. The unit should be cleaned only as recommended by the manufacturer.
10. Care should be taken so that objects do not fall and liquids are not spilled into enclosure through openings.
11. If an outside antenna is used, be sure it is located away from power lines. The antenna should also be grounded to protect against voltage surges and built up static charges. Refer to Figure 1 below.



Example of antenna grounding as per National Electrical Code Instructions

^aUse No. 10 AWG copper-clad steel or bronze wire, or larger as ground wires for both mast and lead-in.

^bSecure lead-in wire from antenna to antenna discharge unit and mast ground wire to house with stand-off insulators, spaced from 4 feet (1.22 meters) to 6 feet (1.83 meters) apart.

^cMount antenna discharge unit as closely as possible to where lead-in enters house.

FIGURE 1

Packing List

- 1 – Receiver Unit
- 1 – AC Power Cord
- 1 – Telescopic Antenna with right-angle adaptor (assembly instructions on page 4)
- 1 – Instruction Manual

Regency Electronics, Inc.
7707 Records Street
Indianapolis, IN 46226

Index

Safety Precautions	Inside Front Cover
Maintenance	1
Description	2
Front Panel Controls	3
Program Panel	3
Preparation for Use	4
Programming Channels	5
Scanning	7
Installation	7
EAROM Memory	8
National Weather Service	8
Trouble-shooting Guide	8
Specifications	9
National Frequency List	10

Maintenance

If your unit does not operate properly, refer to the trouble-shooting guide on page 8 and make the suggested adjustment. If the problem persists, send the unit to the Regency Customer Service Department as per the instructions outlined by the warranty statement on the inside back cover of this manual. DO NOT attempt additional service to this unit yourself. All servicing should be referred to a qualified technician. UNAUTHORIZED ADJUSTMENTS MAY DAMAGE THE EQUIPMENT OR RESULT IN IMPROPER OPERATION AS WELL AS INVALIDATE THE WARRANTY.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

Description

Your Regency R1040 is a 10 channel, three band, programmable FM monitor receiver. It is a double conversion, superheterodyne receiver used to receive the narrow band FM signals in the public service communications bands. Police, fire, civil defense and the National Weather Service are a few of the services in these bands.

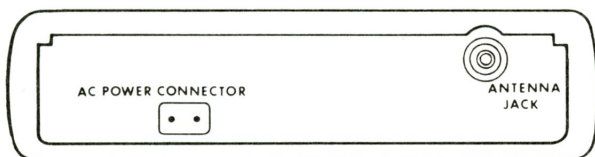
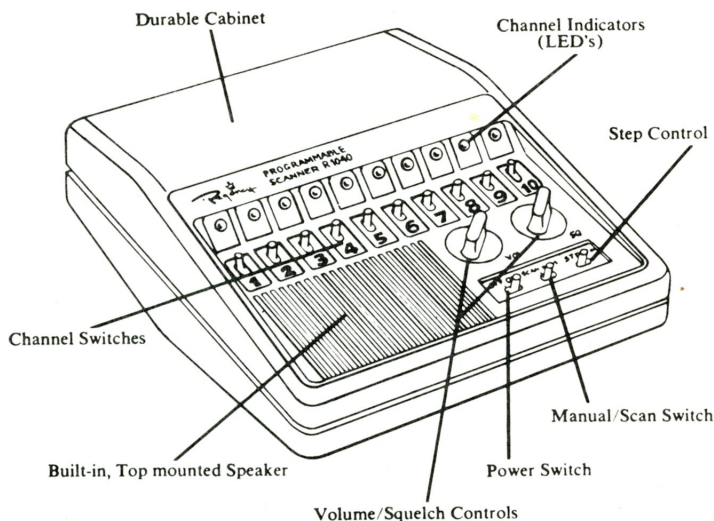
Sophisticated microprocessor-controlled circuitry eliminates the need for crystals. Instead, the frequency for each channel is programmed through a numbered keyboard.

Channel switches are provided to permit scanning any combination of two to ten channels. Manual selection permits continuous monitoring of any one channel.

The advanced electrically alterable memory (EARM)* requires no battery. Frequencies programmed into the ten channels can be stored for up to ten years without loss of memory.

The R1040 may be operated from any 120 VAC power source.

*Electrically Alterable Read Only Memory.



REAR PANEL

Front Panel Controls

OFF/ON

Pushing the OFF/ON switch to the right applies power to the receiver. Pushing the switch to the left turns the receiver off.

SCAN/MAN

This switch is used to select either automatic scanning or manual selection of the channels. With the switch in the LEFT (SCAN) position and the squelch set, the unit will scan up to ten channels from left to right. Pushing the switch to the RIGHT (MAN) allows each channel to be selected manually using the STEP switch.

STEP

When the SCAN/MAN switch is in the RIGHT (MAN) position, the STEP switch can be used to select the channels. Pushing the STEP switch to the RIGHT and then releasing it causes the scanner to move one channel. Push the STEP switch the number of times necessary to reach the desired channel.

VOLUME CONTROL

The knob marked “VOL” controls the audio output of the speaker. Turning the knob clockwise increases the volume.

SQUELCH CONTROL

The “SQ” knob eliminates background noise in the absence of a signal and is used to achieve proper scanning action (see page 4, #8).

Program Panel

The numbered keys are used for entering frequencies as well as selecting the channel number during programming.



NOTE: the key has two functions: it is a “0” (zero) when it is part of a frequency and a “10” (ten) when selecting channel ten during programming.

The following keys provide special functions:



Provides the decimal point when entering frequencies.



For entering a frequency into one of the ten channels.



Clears an incorrect entry during programming (see page 6).



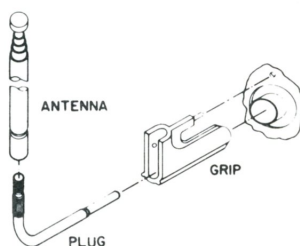
Allows you to verify a frequency prior to entering it into a channel (see page 5).

Preparation for Use

Before operating your new scanner, read the following directions carefully. Doing this will ensure maximum performance and enjoyment of your radio. We also recommend that you save all instructions for future reference.

1. Unpack the unit from the carton and check for damage. If the unit is damaged, contact the place of purchase immediately.
2. Check the contents of the box with the packing list on page one of this manual. Report any shortages to the place of purchase.
3. Insert one end of the AC power cord into the AC jack provided on the rear panel of your unit (see rear panel diagram on page 2). Plug the other end of the AC power cord into a 120 VAC outlet.

4. Assemble the antenna following diagram at right. Make sure the antenna plug is fully seated in the grip. Then, insert the antenna into the antenna jack on the back of the scanner.



5. Before turning on the receiver, turn the SQUELCH ("SQ") knob and the VOLUME ("VOL") knob counterclockwise all the way.
6. Turn the unit on by pushing the OFF/ON switch to the right.
7. Now turn the VOLUME ("VOL") knob approximately $\frac{1}{3}$ turn to the right (clockwise).
8. To obtain proper scanning action, the SQUELCH ("SQ") knob must be set properly. Turn to the right (clockwise) until static is heard. The proper adjustment is the point where the static just disappears. Turn the SQUELCH knob back (counterclockwise) until this is achieved. NOTE: Further clockwise turning of the SQUELCH knob past this point may result in poor reception of weaker signals. When scanning, however, the SQUELCH knob may have to be adjusted slightly to eliminate false stopping.

Your unit is now ready for programming and operation.

Programming Channels

The R1040 has ten channels available for entering your personal choice of frequencies. The sophisticated microprocessor-controlled circuitry eliminates the need for crystals and allows easy fingertip touch entry of frequencies.

The pressure sensitive program panel is located beneath the flip-top panel on the top of the unit. First, remove the antenna from the rear panel of the receiver. Second, slide the top panel back slightly to expose the lip along the front of the panel. Push down gently on the rear of the panel and lift up from the front. The 14-key program panel is now exposed.

Push the SCAN/MAN switch to MANUAL (RIGHT). The scanner will stop on a channel at random.

Example: Entering the frequency 452.525 into channel 1.

1. PRESS:       

The "key closure" LED next to the program panel will light each time a key is touched to verify contact.

2. PRESS: 

A channel LED will blink indicating the frequency has been programmed into the memory but a specific channel has not yet been selected.

3. PRESS: 

Frequency 452.525 is now in channel 1. Repeat this procedure for each channel to be programmed. Channel frequencies may be changed at any time by following these steps. Record each frequency in the space provided to the left of the program panel.

IMPORTANT: When programming frequencies in the Low VHF band (30-50 MHz), you must enter all digits and the decimal point to complete the entry.

Example: Pressing     to enter the frequency 37.000 into channel 2 will result in an invalid entry. You MUST

press        .

THE  KEY

After pressing  (step 2 above), the  key can be used to verify the

Programming Channels (continued)



frequency you have just programmed. Press and hold the  key. The blinking LED will be off and the channel LED which corresponds to the first digit of the frequency will light. Release the key and press again for each digit in the frequency.

NOTE: Zeroes in the frequency are represented by the LED over channel 10.

If the frequency is correct, press the channel number to complete the entry.

IMPORTANT: If you are verifying a Low VHF (30-50 MHz) frequency, the unit will put a zero before the first digit of the frequency.

Example: Verifying the entry of frequency 37.44.



The first time you press , the LED over channel ten (zero) will light followed by the LED over channels 3, 7, 4, 4 and 10 (i.e. 037.440).

THE KEY

If, during programming, an error in frequency entry is made, the  key

can be used to clear the memory. Before pressing , press  then enter the correct frequency. **NOTE:** Both the INVALID FREQUENCY LED and

the KEY CLOSURE LED will light when the  key is pressed to indicate contact.

INVALID ENTRY

If an invalid frequency* is programmed, the INVALID FREQUENCY LED

will light after the  key is pressed. Touch  then re-enter a valid frequency.

NOTE: If an invalid frequency is subsequently entered into a channel, the INVALID FREQUENCY LED will blink simultaneously with the corresponding channel LED during SCAN.

After programming is completed, close the top panel and re-insert the antenna into the antenna jack on the rear panel.

*An invalid frequency is not within a band — see specifications on page 9 for band limits.

Scanning

Each of the ten channels has an on/off switch located just above the channel number. When the switch for any channel is ON (up position), that channel will be included in the scan, manual and step functions. Pushing the switch to OFF (down position) turns the channel off and it will not be included in the scan function.

To scan each channel automatically, push the SCAN/MAN switch to the left (SCAN). Each channel with its switch up will be sampled for activity. Be sure squelch has been set properly (see page 4). The red channel indicator above each channel will light as it is sampled. When a signal is received, the unit will stop scanning and the channel's indicator will remain lighted while the transmission is broadcast. At its conclusion, scanning then resumes automatically.

If the unit stops on an active channel during the scanning process, push the SCAN/MAN switch to the right (MAN). Now the unit is in manual on that channel. Instead of resuming scanning after the transmission ends, the unit will stay on that channel for continuous monitoring until the SCAN/MAN switch is moved to SCAN.

With the SCAN/MAN switch in the MAN position, the step switch can be used to step to a desired channel manually, one at a time in numerical order. Simply push the step switch to the right and release. Continue until the desired channel is reached.

Installation

Plug one end of the AC cord into the AC jack on the rear of the radio. Plug the opposite end of the cord into a 120 volt wall outlet. Your unit requires very little ventilation, however very warm locations such as near radiators or heating vents should be avoided.

Install the telescopic antenna following the steps on page 4. The telescopic antenna will be adequate in areas of moderate signal strength. In areas of very low signal strength, it may be necessary to use a better antenna system for proper reception. An external antenna mounted as far above the ground as practical will greatly increase the signal strength. If it is determined that proper reception will require an external or outside antenna, it is suggested that a tri-band antenna that covers both VHF bands (30-50 MHz and 144-174 MHz) and UHF be used.

IMPORTANT: Be sure the antenna system you select is grounded to protect against voltage surges and built up static charges. See Safety Precautions, number 11, on the inside front cover of this manual. In addition, the antenna should be located away from power lines.

For proper input matching, 50 ohm coaxial cable should be used. A Motorola type antenna plug (Cinch-Jones No. 13B or H. H. Smith No. 1200) will have to be installed on the receiver end of the cable in order to utilize the antenna socket located on the rear panel (see diagram on page 2 for location of antenna socket).

EAROM Memory

Your R1040 scanner contains a special EAROM memory system which eliminates the need for a standby memory battery. Should power become disconnected or interrupted, the EAROM memory will continue to retain all channel frequencies. Programming is not possible while power is disconnected, however. The EAROM memory of the R1040 can retain the programmed frequencies for up to ten years.

National Weather Service

The National Weather Service provides a continuous (24-hour) broadcast of local and area weather conditions. These weather messages are repeated until the next or updated report is issued. The Weather Service has broadcast facilities in many metropolitan areas of the country.

Three frequencies are utilized by the Weather Service. They are: 162.550, 162.400 and 162.475 MHz. The first frequency listed is the principal one used throughout the country. The other two are used to reduce possible interference from the overlapping of signals of nearby cities or metropolitan areas.

If you are located within 25 or 30 miles of one of these cities, reception can usually be obtained with the telescopic antenna. Your local Regency dealer can advise you about your specific antenna requirement.

IMPORTANT: When set to automatic scan, the R1040 will stop and remain on the weather channel because it broadcasts continuously. Thus, this channel should only be activated when you desire to hear the current weather report.

Trouble-shooting Guide

NOTE: Please perform the simple checks indicated for improper operation before returning the unit for service.

TROUBLE	CHECK
No channel light, no sound	ON/OFF switch should be pushed to the right. Power Cord (AC connection). See also specifications for power requirements.
Channel light, no sound	Volume control setting — check by turning clockwise. Squelch control setting — see page 4.
Sound present (no light)	Channel switches — should be up (see page 7).
No reception (no station heard)	Channel switches — should be up (see page 7). Antenna should be installed and fully extended. Station too far away — external antenna may be needed (see page 7).
Weak or poor reception	Antenna should be fully extended. Station too far away — external antenna may be needed.
Does not scan	Squelch control setting — see page 4. Channel switches — should be up (see page 7). SCAN/MAN switch — should be pushed to the left (SCAN).
Does not manually step	Channel switches — should be up (see page 7). SCAN/MAN switch — should be pushed to the right (MAN). STEP switch — must be pushed and released to move to next channel.

Specifications

Frequency Ranges:

VHF (Low Band)	30-50 MHz
VHF (Amateur)	144-148 MHz
VHF (High Band)	148-174 MHz
UHF (Amateur)	440-450 MHz
UHF (Standard)	450-470 MHz
UHF (Extended)	470-512 MHz

Sensitivity (12 DB Sinad; at tune-up)

VHF (Low Band)	0.35 μ V
VHF (Amateur)	0.70 μ V
VHF (High Band)	0.50 μ V
UHF (Amateur)	0.90 μ V
UHF (Standard)	0.70 μ V
UHF (Extended)	1.50 μ V

Selectivity	± 7.5 KHz @ 6DB ± 18 KHz @ 50DB
-------------	--

Spurious Rejection (except Primary Image)	50DB
---	------

Modulation Acceptance	± 7.5 KHz
-----------------------	---------------

I.F. Frequencies	First I.F.: 10.7 MHz; crystal filter Second I.F.: 455 KHz; ceramic filter
------------------	--

Reference Oscillator (synthesizer)	Crystal Controlled
------------------------------------	--------------------

Scanning Rate	approx. 13 channels per second
---------------	--------------------------------

Audio Output	1 Watt @ 10% or less distortion
--------------	---------------------------------

Speaker	16 Ohms, 2¼" round
---------	--------------------

Power Requirement	110-130 VAC, 60 HZ @ 18 Watts max.
-------------------	------------------------------------

Memory	Non-volatile; EAROM
--------	---------------------

Size	8" Wide x 3¼" High x 9" Deep
------	------------------------------

Weight	2½ lbs.
--------	---------

FCC Certified	Part 15, Subpart C
---------------	--------------------

U.L. Listed

Please record Serial Number and Date of Purchase:

Serial No. _____ Date Purchased _____

IMPORTANT: To have your unit serviced under the warranty, dated proof of purchase (sales receipt) must be sent in with the unit. See Warranty on back cover.

National Frequencies

The following is a partial list of the common public service band frequencies as allocated by the FCC. You will not be able to pick up activity on every frequency listed here. Only those frequencies assigned to the services which are applicable to your area will be received. We advise you to compile your own frequency list for your monitoring area.

Frequency — MHz Service or Allocation

LOW VHF BAND 30-50 MHz

30.00-30.56	Government
30.58-30.64	Special Industrial
30.66-31.24	Pet., For.-Cons., For. Prod., Bus.
31.26-31.98	Spec. Ind., For.-Cons.
32.00-33.00	Government
32.02-33.16	Spec. Ind., Hwy., Spec. Emerg., Bus.
33.18-33.38	Petroleum
33.42-33.98	Fire
34.00-35.00	Government
35.02-35.18	Business
35.22-35.66	Mobile Telephone, Paging
35.70-35.98	Special Industrial, Business
36.00-37.00	Government
37.02-37.42	Police, Local Government
37.44	Forest Products
37.46-37.86	Power
37.88-37.98	For. Prod., Hwy., Spec. Emerg.
38.00-39.00	Government
39.02-39.98	Police, Local Government
40.00-42.00	Government
42.02-42.94	Police
42.96-43.18	Special Industrial, Business
43.22-43.68	Mobile Telephone, Paging
43.70-44.60	Motor Carrier (Buses, Trucks)
44.62-45.06	Police, For.-Cons.
45.08-45.66	Police, Local Government
45.68-46.04	Police, Hwy., Spec. Emerg.
46.06-46.50	Fire
46.52-46.58	Local Government
46.60-47.00	Government
47.02-47.40	Highway Maintenance
47.42	Red Cross
47.44-47.68	Spec. Ind., Spec. Emerg.
47.70-48.54	Power
48.56-49.58	Pet., For. Prod., Spec. Ind.
49.60-50.00	Government

HIGH VHF BAND 144-174 MHz

144.000-148.000	Amateur
148.150	Civil Air Patrol
148.200-150.800	Government
150.815-151.475	Bus., Auto Emerg., For.-Cons., Hwy.
151.490-151.595	Special Industrial
151.625-151.955	Business
152.000-152.255	Mobile Telephone
152.270-152.480	Business, Taxi
152.495-152.855	Mobile Telephone, Paging

Abbreviations

Automobile Emergency	Auto Emerg.
Business	Bus.
Bureau of Reclamation	Bur. Reclam.
Forestry-Conservation	For.-Cons.
Forest Products	For. Prod.
Government	Govt.
Highway Maintenance	Hwy.
Local Government	Local Govt.
Manufacturers	Manu.
Mobile Telephone	Mob. Tel.
Motion Picture	Mot. Pic.
National Weather Service	NWS
Petroleum Industry	Pet.
Power Utilities	Power
Railroad	RR
Relay Press	Rel. Press
Remote Broadcast	Remote Broad.
Special Emergency	Spec. Emerg.
Special Industrial	Spec. Ind.
Telephone Maintenance	Tel. Maint.
Weather	WX

Frequency — MHz Service or Allocation

HIGH VHF BAND (Continued)

152.870-153.035	Remote Broad., Spec. Ind., Mot. Pic.
153.050-153.380	Manu., Pet., For. Prod.
153.410-153.710	Power, Pet., For. Prod.
153.755-154.115	Fire, Local Government
154.130-154.445	Fire
154.450-154.625	Bus., Pet., Spec. Ind.
154.650-155.145	Police, Local Government
155.160-155.400	Police, Spec. Emergency
155.415-156.030	Police, Local Government
156.045-156.240	Police, Hwy. Maintenance
156.275-157.450	Marine
157.470-157.500	Auto Emergency
157.530-157.740	Business, Taxi
157.755-158.115	Mobile Telephone, Paging
158.130-158.460	Manu., Power, Pet., For. Prod.
158.475-158.715	Mobile Telephone
158.730-158.970	Police, Local Government
158.985-159.210	Police, Hwy. Maintenance
159.225-159.465	Forestry-Conservation
159.495-160.200	Motor Carriers (Buses, Trucks)
160.215-161.265	Railroad
161.600-161.625	Marine
161.640-161.760	Marine, Remote Broadcast
161.775-162.025	Marine
162.026-162.175	Bureau of Reclamation
162.400	NWS (WX-2)
162.475	NWS (WX-3)
162.550	NWS (WX-1)
163.125	Indian Affairs
163.175	Bureau of Reclamation
163.250	Special Emergency
163.275	National Weather Service
163.385-163.975	Military, Government
164.025-164.075	U.S. Coastal & Geodetic Survey
164.175-165.190	Bur. Reclam., Government
166.250	Fire
169.300	Federal Aviation Administration
169.425-169.525	Bus., Power, Pet., For. Prod., Spec. Ind., RR
170.150	Fire
170.200-170.220	U.S. Coastal & Geodetic Survey
170.225-170.325	Bus., Power, Pet., For. Prod., Spec. Ind., RR
170.425-170.475	Forestry-Conservation
170.575	Forestry-Conservation
171.025-171.125	Bus., Power, Pet., For. Prod., Spec. Ind., RR

HIGH VHF BAND (Continued)

171.475-171.575	Forestry-Conservation
171.825-171.925	Bus., Power, Pet., For. Prod., Spec. Ind., RR
172.225-172.275	Forestry-Conservation
172.375	Forestry-Conservation
172.775	National Parks
173.025	National Weather Service
173.075	U.S. Coastal & Geodetic Survey
173.200-173.400	Police, Power, Pet., For. Prod., Mot. Pic., Rel. Press, Spec. Ind., Manu., Bus., L. Govt.

STANDARD UHF BAND 440-470 MHz

440.000-450.000	Amateur
450.050-450.950	Remote Broadcast
451.025-451.150	Power Utilities
451.175-451.750	Power, Pet., For. Prod., Manu., Tel. Maint.
451.775-452.025	Special Industrial
452.050-452.500	Power, Pet., For. Prod., Spec. Ind. Manu., Tel. Maint.
452.525-452.600	Auto Emergency
452.625-452.950	Power, Pet., For. Prod., Spec. Ind. Manu., Tel. Maint., Motor Carrier, R.R.
452.975-453.000	Relay Press
453.025-454.000	Power, Pet., For. Prod., Spec. Ind., Manu., Tel. Maint., Local Govt., Police, Fire, Hwy., For.-Cons.
454.025-454.650	Mobile Telephone
455.025-454.925	Remote Broadcast
456.025-456.150	Power Utilities

STANDARD UHF BAND (Continued)

456.175-456.700	Power, Pet., For. Prod., Manu., Tel. Maint.
456.725-457.025	Special Industrial
457.050-457.500	Power, Pet., For. Prod., Spec. Ind., Manu., Tel. Maint., Motor Carrier, RR, Taxi
457.525-457.600	Business
457.625-457.950	Power, Pet., For. Prod., Spec. Ind., Manu., Tel. Maint., Motor Carrier, RR
457.975-458.000	Relay Press
458.025-459.000	Power, Pet., For. Prod., Spec. Ind., Manu., Tel. Maint., Local Govt., Police, Fire, Hwy., For.-Cons., Spec. Emerg.
459.025-459.650	Mobile Telephone
460.025-460.625	Power, Pet., For. Prod., Spec. Ind., Manu., Tel. Maint., Police, Spec. Emerg.
460.650-462.175	Business
462.200-462.450	Manufacturers
462.475-462.525	Power, Pet., For. Prod., Manu., Tel. Maint.
462.750-462.925	Business
462.950-463.175	Police, Special Emergency
463.200-465.000	Business
465.025-465.625	Power, Pet., For. Prod., Spec. Ind., Manu., Tel. Maint., Police
465.650-467.175	Business
467.200-467.450	Manufacturers
467.475-467.525	Power, Pet., For. Prod., Manu., Tel. Maint.
467.750-467.925	Business
467.950-468.175	Police, Special Emergency
468.200-469.975	Business

EXTENDED UHF BAND 470-512 MHz

A number of the larger cities or metropolitan areas may utilize some of the lower UHF TV channels for land mobile radio services. UHF TV channels 14 through 20 are re-allocated in these cities as follows:

City/Area	Channel	Frequency Range
Boston	14, 16	470-476 MHz, 482-488 MHz
Chicago	14, 15	470-476 MHz, 476-482 MHz
Cleveland	14, 15	470-476 MHz, 476-482 MHz
Dallas/Fort Worth	16	482-488 MHz
Detroit	15, 16	476-482 MHz, 482-488 MHz
Houston	17	488-494 MHz
Los Angeles	14, 20	470-476 MHz, 506-512 MHz
Maryland	18	494-500 MHz
Miami	14	470-476 MHz
New York	14	470-476 MHz
Northeastern		
New Jersey	15	476-482 MHz
Oakland	17	488-494 MHz
Philadelphia	19, 20	500-506 MHz, 506-512 MHz
Pittsburgh	14, 18	470-476 MHz, 494-500 MHz
San Francisco	16	482-488 MHz
Washington, D.C.	17	488-494 MHz

Each 6 MHz segment (or channel) has the same allocation pattern as illustrated below for channel 14:

Frequency — MHz	Service or Allocation
470.3125-471.1375	Mobile Telephone
471.1625-471.2875	Public Safety
471.3125-471.4125	Reserve Pool A
471.4375-471.6375	Power, Telephone Maintenance
471.6625-471.7875	Special Industrial
471.8125-472.3375	Reserve Pool A
472.3625-472.4375	Business
472.4625-472.7875	Taxi
472.8125-472.9875	Motor Carrier, RR, Auto Emerg.
473.0125-473.2875	Pet., For. Prod., Manu.
473.3125-474.1375	Mobile Telephone
474.1625-474.2875	Public Safety
474.3125-474.4125	Reserve Pool A
474.4375-474.6375	Power, Telephone Maintenance
474.6625-474.7875	Special Industrial
474.8125-475.3375	Reserve Pool B
475.3625-474.4375	Business
475.4625-475.7875	Taxi
475.8125-475.9875	Motor Carrier, RR, Auto Emerg.
	Pet., For. Prod., Manu.

IMPORTANT

The NOTE near the bottom of page 6 (under heading "Invalid Entry") leads the operator to believe that any flicker of the INVALID FREQUENCY LED during Scan indicates an invalid frequency in one or more of the ten channels. It is normal for the Invalid Frequency LED to flicker while the unit is scanning, even if all ten channels have valid frequencies in them. The INVALID FREQUENCY LED'S intended use is only when programming or when the unit is stopped on a channel.

Regency Scanners Limited Warranty

1. The warranty applies to the original or subsequent owners of the product for a period of 1 year from the original purchase date.
2. We agree to repair or replace all parts showing defects in material or workmanship.
3. Warranty service will be provided free of charge if unit is delivered to us intact, transportation charges prepaid, within one year of the date of sale to the original purchaser.
4. The warranty does not apply to units subject to misuse, neglect, accidents, incorrect wiring not our own, improper installation, or units used in violation of the instructions furnished by us. Nor does the warranty apply to units: damaged by lightning, excess current, repaired or altered outside the factory, or units with altered or removed serial numbers.
5. To have your unit serviced under the warranty return it, freight prepaid with dated proof of purchase documents (sales receipt) to:
Customer Service Department
Regency Electronics, Inc.
7707 Records St.
Indianapolis, IN 46226
Only factory personnel are authorized to perform warranty service.
6. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



ELECTRONICS, INC.
7707 Records St.
Indianapolis, IN 46226