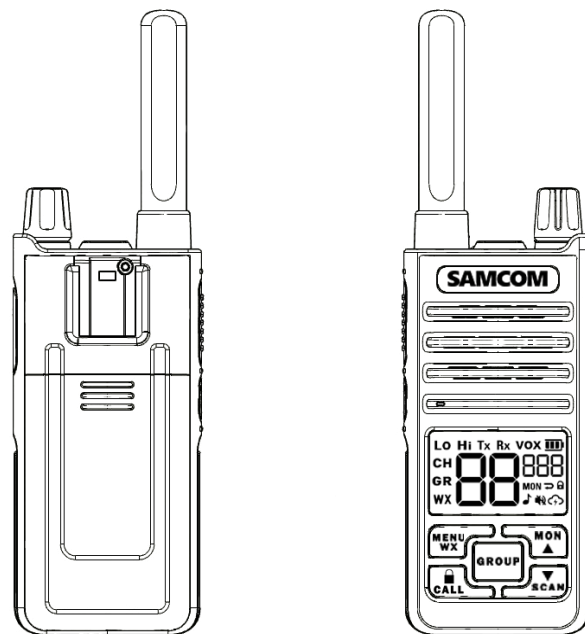


## ***Instruction Manual***

### **GMRS Two-way Radio SAMCOM T2**

#### **Main Features**

- Frequency:  
462.5500~462.7250MHz, 462.5625~462.7125MHz  
467.5500~467.7250MHz, 467.5625~467.7125MHz
- High/Low TX Power (2W/0.5W) Selectable
- 30 channels
- 121 codes (38 CTCSS & 83 CDCSS)
- 1-5 KM optimal range
- Group function (Dual Receiving and Dual Transmitting )
- 3 VOX levels
- 10 Call tones
- Monitor
- Scan
- Key lock function
- 1100mAh Li Polymer Battery
- Flashlight
- NOAA & Weather Alert

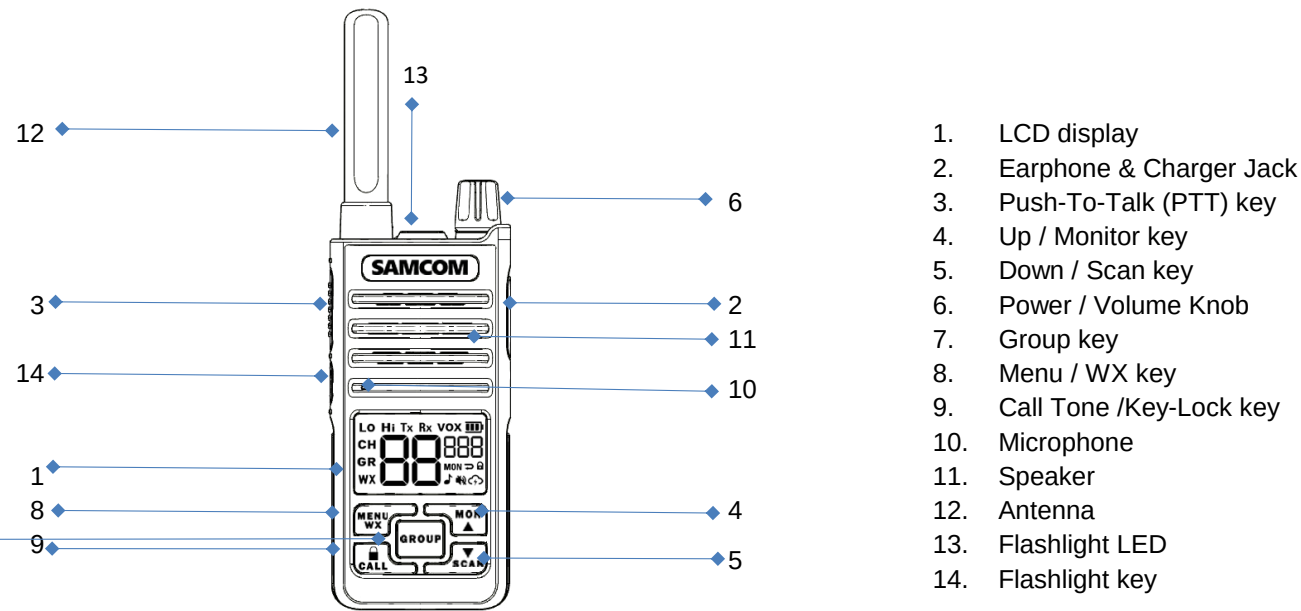


**Facebook**



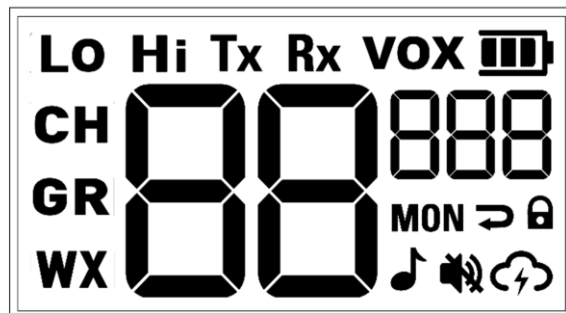
**SAMCOM INC.**

## Overview



● **GROUP Button** – A dual-receiving and dual-transmitting function which enable radio to monitor two channels at the same time. And it configured to transmit a communication signal on a secondary channel.

## LCD Display Icons

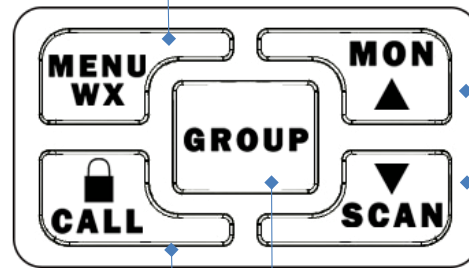


- |    |                           |                              |
|----|---------------------------|------------------------------|
| 1  | <b>Rx</b>                 | : Receiving status           |
| 2  | <b>Tx</b>                 | : Transmitting status        |
| 3  | <b>CH</b>                 | : Main Channel (Foreground)  |
| 4  | <b>GR</b>                 | : Group Channel (Background) |
| 5  | <b>VOX</b>                | : VOX (Voice-activated TX)   |
| 6  | [Weather Receiver Icon]   | : Weather Receiver           |
| 7  | [Battery Level Icon]      | : Battery Level              |
| 8  | [Channel Number]          | : Channel Number             |
| 9  | [CTCSS/CDCSS Code Number] | : CTCSS/CDCSS Code Number    |
| 10 | <b>Hi</b>                 | : High TX Power              |
| 11 | <b>Lo</b>                 | : Low TX Power               |
| 12 | [Key Lock Icon]           | : Key Lock                   |
| 13 | [Key Beep Icon]           | : Key Beep                   |
| 14 | [Channel Scan Icon]       | : Channel Scan               |

- 15 **MON** : Monitor  
16  : Sound off

Press the MENU key 1 time, enter into the menu selecting mode.  
Press and hold the WX key for 3s, enter into the WX mode.

Press  key choice the menu function.  
Press  key choice the menu function.



Press the CALL key, call function will open.  
Press and hold  key for 3s to lock.

Press the **GROUP** key to speak at secondary channel.

## GENERAL OPERATIONS

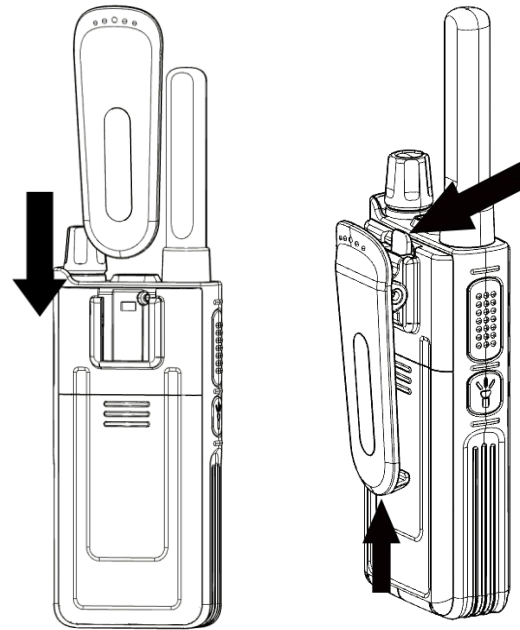
### Install / Removing Belt Clip

#### Installing Belt Clip

- Slide the Belt clip into the slot  
A “click” sound indicates the Belt Clip is locked into position.

#### Removing Belt Clip

- Push the latch of belt clip in
- While pushing the belt clip latch, push up the belt clip at the same time



#### Battery on First Use

Since batteries leave factory without a fully charging, please charge the new batteries before using. Under normal circumstances, the battery on first use needs 5 hours of charging. The first three times of fully charging and discharging provides batteries the best capacity.

When you find out the battery is low, it is required to charge or replace it.

#### Safety Precautions

1. Do not Disassemble.
2. Do not dispose the batteries in the fire.
3. Do not dispose the batteries as household wastes, and it must be collected and treated properly.
4. Do not charge or charge battery in hazardous location.
5. Do not short-circuit the terminals.

Notes:

- 1. When charging, the temperature should be between 5 °C ~40 °C, otherwise it may cause the leakage or even damage the battery.*
- 2. Please shut down the transceiver with battery loaded before charging it. The use of the transceiver while charging is ongoing will affect the normal battery charging.*
- 3. Do not charge the battery when it is wet. You should dry it first in order to avoid any danger.*
- 4. If the battery's usage time is very short even when it has been charged in completely correct way, it can be concluded that the battery life is due and should be replaced by a new one.*

#### Extension of Battery life

1. The performance of the battery will be reduced when the temperature drops below 0°C. In cold weather, it is advised to spare another battery for emergency. Please do not dispose the cold batteries that can not work at low temperature but may be usable at room temperature.
2. It may affect the normal use or charge of the battery, if it is covered with dust. Please clean the battery with dry cloth before loading or charging it.

#### Knowledge about Battery Storage

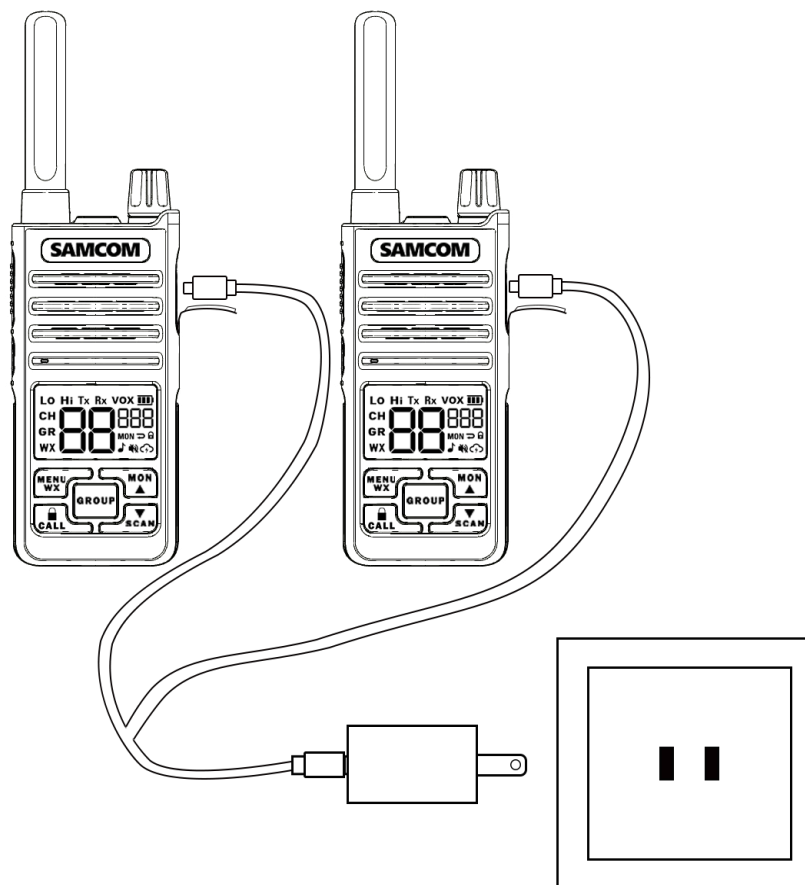
1. Since the battery will self-discharge, please do charge it fully before putting it aside so as to prevent damages caused by over discharge.
2. Please fully charge the battery after long time storage, in order to avoid the reduction of the battery capacity resulting from over discharge. It is proposed for lithium-ion / lithium-polymer batteries to be filled in every 6 months of storage.
3. Please pay attention to the humidity of the battery storage environment. Batteries are supposed to be stored in the environment of room temperature, cool and dry air, to reduce the self-discharge.

## CHARGING BATTERIES

When the “Battery level is low, that is the icon  you need to charge the battery with the enclosed type-C Y-cable.

### Charging with AC/DC adaptor

- Plug one end of the cable into the type-C socket on the right side of the radio and other end into an adaptor then plug into the socket.
- The LCD “Battery” Icon will flash.
- Each adaptor can connect 2 pcs of radio for charging.
- To charge fully from empty require about 5 hours.
- After charged, unplug the adaptor from the socket



### WARNING

- To avoid damage to the radio use only original accessories.
- The radio will be slightly warm during charging.

## GENERAL OPERATIONS

### 1. TRANSMITTING RANGE

- The talk range depends on the environmental and terrain. It will reach (up to about 5km) in wide open spaces, without obstructions such as hills or buildings. Don't try to use two units which are less than 1.5m (5feet) apart. If you do, you may experience interference.

### 2. POWER ON/OFF

- Rotate the PWR/VOL control knob clockwise until a "ka-ka" sound is heard to turn on the power. When you receive calls, the knob provides you the ability to change the volume for your listening habits. When shutting down the radio, you need to rotate it counterclockwise a "ka-ka" sound is heard.



### 3. MAKING COMMUNICATIONS

The radio has 22 main frequencies and 121 CTCSS/CDCSS codes

You can communicate with any other user who is using the same combinations, providing they are within range.

### 4. SPEAK TO OTHER RADIO

- Press & hold the PTT key, LCD **TX** icon indicating the radio is transmitting.
- Hold the radio in a vertical position with the microphone 3-5 cm from your mouth and then speak.
- When you finish speaking, release the PTT key.

### 5. LISTEN TO OTHER RADIO

- The radio will automatically sound received signal from the other radio with the same channel and code, and meanwhile LCD shows the icon **RX**

- When you press the PTT key, you can't listen to other radios. Make sure you do not press PTT key for listening.
- Adjust volume control if necessary.

## 7. GROUP FUNCTION ( Dual Receiving and Dual Transmitting)

The unit has Dual Receiving and Dual Transmitting function. It can monitor two channels at the same time, which are the Main (foreground) and Group (Background) channels, i.e., it can detect signal on either channel. When the unit detects a signal on the Group channel, it will automatically sound the received signal with LCD showing "GR" icon, Group channel number and associated code number.

When you want to talk to a group of people that have their radios set the Group Channel number to be the same as yours, just do the following.

- Press & hold the **GROUP** key, LCD displays **TX** and **GR** icon, indicating the radio is transmitting on the Group channel.
- Hold the radio in a vertical position with the microphone 3-5 cm from your mouth and then speak.
- When you finish speaking, release the GROUP key.

## 8. SENDING CALL TONE

You can use 1 of 10 different "Call Tones" to get attention of other user on the same channel with same code.

- Press the  key and will sound the tone, LCD will display the icons **TX** and , the receiving radio will sound the tone too.

## 9. SCANNING CHANNELS

- Press and hold the  key for 3 seconds and LCD will display  and radio will start scanning.
- LCD display shows the scanning channel one by one.
- It will stop at those channels with signal for a while.
- Press the **GROUP** key to turn off the function.

## 10. MONITOR FUNCTION

- Press and hold the  key for 3 seconds to have the unit sound signal or noise, whichever occurs on the main channel.
- Press the  or **GROUP** or **PTT** key to turn off the function.

The function is useful to check for activity on the main channel before you talk. When you find the main channel busy, you can change the main channel number to a clear one. Moreover, it also can be handy for the user to verify the volume level of the radio when the radio is not receiving. You can adjust the volume, if necessary.

## 11. LOCK KEYS

- Press and hold  key for 3 seconds, LCD display .
- All keys are locked except **PTT** and **GROUP** keys

- To unlock, press and hold  key for 3 seconds again.

## 12. MICROPHONE / EARPHONE JACK

The unit is equipped with a microphone / Earphone jack located at the right side. You can use an optional earphone (included) for handsfree function.

## 13. FLASHLIGHT FUNCTION

To use the flashlight function

- When the flashlight is not illuminating, press the Flashlight key once to turn and keep it on.
- When the flashlight is illuminating, press the Flashlight key to turn it off.

## MENU OPERATIONS

Press Menu key once to firstly enter main channel selection from the main screen, press again for next function selection etc. The menu operation flow chart is as follows.

**Main Screen → Main Channel → CTCSS/CDCSS → GROUP Main Channel(Dual Receiving and Dual Transmitting) → GROUP CTCSS/CDCSS → VOX → Call Tone → Roger Beep → Key Beep → Main Screen**

### 1. SELECT MAIN CHANNEL

To select the main channel

- Press the  key 1 time, Main channel number will flash.
- Press  or  to select new main channel
- Press the **GROUP** or **PTT** key to confirm and revert back to the main screen, or the  key to confirm and continue next function setting.

You have 10 seconds to decide before auto-reverting back to the main screen

### 2. CTCSS/CODE FUNCTION

This function can help you select your group (38 CTCSS /83 CDCSS codes) of users on the same channel.

Only the users with the same CTCSS/CDCSS code can listen and talk to each other. Please note that selecting a CTCSS/CDCSS code does not assure total privacy.

- Press the  key 2 times, CTCSS/CDCSS code will flash.

- Press **MON**  or **SCAN**  to select new CTCSS or CDCSS code
- Press the **GROUP** or **PTT** key to confirm and revert back to the main screen, or the **MENU** **WX** key to confirm and continue next function setting.

### 3. SELECT GROUP MAIN CHANNEL

This function enable the radio to dual-receiving and dual-transmitting. The two way radio can monitor 2 channels at the same time and able to transmit on the secondary channel by simply pressing the **GROUP** button.

NOTE: The default GROUP number is 29, you can set your own group number and code :

#### To change the GROUP Number

- Press the **MENU** **WX** key 3 times, GROUP channel number will flash.
- Press **MON**  or **SCAN**  to select new Group Channel or turn off the function.
- Press the **GROUP** or **PTT** key to confirm and revert back to the main screen, or the **MENU** **WX** key to confirm and continue next function setting.

### 4. GROUP CTCSS/CODE FUNCTION

#### To set GROUP CTCSS/CDCSS code

- Press the **MENU** **WX** key 4 times, GROUP CTCSS/CDCSS code will flash.
- Press **MON**  or **SCAN**  to select new CTCSS or CDCSS code.
- Press the **GROUP** or **PTT** key to confirm and revert back to the main screen, or the **MENU** **WX** key to confirm and continue next function setting.

### 5. VOX (Hands-Free Function)

The unit has a built-in Voice Activated Circuit (VOX) function. You can enjoy talking and listening without pressing PTT key. To have better performance, you can use this function with the external earphone (optional accessories).

- Press the **MENU** **WX** key 5 times, LCD displays **VOX** icon and VOX sensitivity setting will flash.
- Press **MON**  or **SCAN**  to choose VOX sensitivity setting.

VOX sensitivity level from “ OFF, L1, L2, L3” for “OFF, Low, Medium and High” respectively.

After turning on the VOX function, LCD will display **VOX** icon. Press the **GROUP** or **PTT** key to confirm and revert back to the main screen, or the **MENU** **WX** key to confirm and continue next function setting.

Please speak close to the mic in order to activate VOX function.

### 6. SELECTING CALL TONE

- Press the **MENU** **WX** key 6 times, LCD will display  icon and call tone number will flash.

- Press **MON**  or **SCAN**  to scroll between 1 to 10 and choose the call tone you like.
- Press the **GROUP** or **PTT** key to confirm and revert back to the main screen, or the **MENU** **WX** key to confirm and continue next function setting.

## 7. ROGER BEEP

The roger beep function enables a short tone signal which is transmitted after releasing the PTT button.

- Press the **MENU** **WX** key 7 times, LCD displays the  icon.
- Press **MON**  or **SCAN**  to turn the Roger beep on or off.
- Press the **GROUP** or **PTT** key to confirm and revert back to the main screen, or the **MENU** **WX** key to confirm and continue next function setting.

## 8. KEY BEEP

The unit has the function to turn the key beep on or off.

- Press the **MENU** **WX** key 8 times, LCD displays the  icon.
- Press **MON**  or **SCAN**  to turn the key beep on or off.
- Press the **GROUP** or **PTT** key to confirm and revert back to the main screen, or the **MENU** key to confirm and continue next function setting.

## WEATHER RECEIVER (WX) FUNCTION

The radio has the capability to tune in to broadcasts by the United States National Oceanic and Atmospheric Administration (NOAA) Weather Radio and Environment Canada Weather Radio. You can listen to a weather channel or set your radio to alert you to emergency weather broadcasts that interrupt routine broadcasts. When you listen to a weather channel, you cannot use your radio in scan mode or for two-way communications.

### Entering the WX Mode

- Press and hold the key for 3 seconds to enter into WX mode, the LCD will display the icon **WX**

### Setting the WX Channel

- In WX mode, press **MENU** **WX** key 1 time and the WX channel number flashes.
- Press **MON** **▲** or **▼** **SCAN** to select the appropriate channel with good reception in your area.
- Press the **MENU** **WX** key to confirm the channel number and continue setting WX.

### Setting the WX Alert

The radio can be set to respond to NOAA Weather Radio emergency messages. A special alarm tone sounds an alert and turns on the WX to give you immediate weather and emergency information.

- In WX mode, press **MENU** **WX** 2 times and the icon  shows.
- Press **MON** **▲** or **▼** **SCAN** to turn the WX alert function On or OFF.
- Press **MENU** **WX** key to confirm and exit setting WX.

### Exiting the WX Mode

- In WX set mode, press and hold the key **MENU** **WX** for 3 seconds or press **GROUP** or **PTT** key to exit WX mode and return to two-way radio mode.
- After the WX mode is activated either manually or by receiving an alert, if no keys are pressed for 5 minutes, the WX mode will automatically revert back to two-way radio mode.

If you turn on the WX alert function and return to two-way radio mode, the LCD will display the icon **WX** main screen in two-way radio mode, which means the WX alert function has been activated and the radio can do on the the weather channel signal and two-way radio channel signal at the same time.

**GMRS Channel Configuration Chart**

| CH. No. | Frequency (MHz) | Default Associated Code No. | TX Power Option | CH. No. | Frequency (MHz) | Default Associated Code No. | TX Power Option |
|---------|-----------------|-----------------------------|-----------------|---------|-----------------|-----------------------------|-----------------|
| 1       | 462.5500        | 1                           | Fixed to Hi     | 16      | 467.5500        | 1                           | Fixed to Hi     |
| 2       | 462.5750        | 1                           | Fixed to Hi     | 17      | 467.5750        | 1                           | Fixed to Hi     |
| 3       | 462.6000        | 1                           | Fixed to Hi     | 18      | 467.6000        | 1                           | Fixed to Hi     |
| 4       | 462.6250        | 1                           | Fixed to Hi     | 19      | 467.6250        | 1                           | Fixed to Hi     |
| 5       | 462.6500        | 1                           | Fixed to Hi     | 20      | 467.6500        | 1                           | Fixed to Hi     |
| 6       | 462.6750        | 1                           | Fixed to Hi     | 21      | 467.6750        | 1                           | Fixed to Hi     |
| 7       | 462.7000        | 1                           | Fixed to Hi     | 22      | 467.7000        | 1                           | Fixed to Hi     |
| 8       | 462.7250        | 1                           | Fixed to Hi     | 23      | 467.7250        | 1                           | Fixed to Hi     |
| 9       | 462.5625        | 1                           | Fixed to Hi     | 24      | 467.5625        | 1                           | Fixed to low    |
| 10      | 462.5875        | 1                           | Fixed to Hi     | 25      | 467.5875        | 1                           | Fixed to low    |
| 11      | 462.6125        | 1                           | Fixed to Hi     | 26      | 467.6125        | 1                           | Fixed to low    |
| 12      | 462.6375        | 1                           | Fixed to Hi     | 27      | 467.6375        | 1                           | Fixed to low    |
| 13      | 462.6625        | 1                           | Fixed to Hi     | 28      | 467.6625        | 1                           | Fixed to low    |
| 14      | 462.6875        | 1                           | Fixed to Hi     | 29      | 467.6875        | 1                           | Fixed to low    |
| 15      | 462.7125        | 1                           | Fixed to Hi     | 30      | 467.7125        | 1                           | Fixed to low    |

**NOAA Weather (WX) Channel Frequency Chart**

| Weather Channel No. | Frequency (MHz) | Weather Channel No. | Frequency (MHz) | Weather Channel No. | Frequency (MHz) | Weather Channel No. | Frequency (MHz) |
|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|
| WX1                 | 162.550         | WX4                 | 162.425         | WX7                 | 162.525         | WX10                | 161.750         |
| WX2                 | 162.400         | WX5                 | 162.450         | WX8                 | 161.650         | WX11                | 162.000         |
| WX3                 | 162.475         | WX6                 | 162.500         | WX9                 | 161.775         |                     |                 |

**CTCSS Code Frequency Chart**

| Code No. | Freq. (Hz) | Code No. | Freq. (Hz) | Code No. | Freq. (Hz) | Code No. | Freq. (Hz) | Code No. | Freq. (Hz) | Code No. | Freq. (Hz) | Code No. | Freq. (Hz) | Code No. | Freq. (Hz) |
|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|
| 1        | 67.0       | 8        | 88.5       | 15       | 110.9      | 22       | 141.3      | 29       | 179.9      | 36       | 233.6      |          |            |          |            |
| 2        | 71.9       | 9        | 91.5       | 16       | 114.8      | 23       | 146.2      | 30       | 186.2      | 37       | 241.8      |          |            |          |            |
| 3        | 74.4       | 10       | 94.8       | 17       | 118.8      | 24       | 151.4      | 31       | 192.8      | 38       | 250.3      |          |            |          |            |
| 4        | 77.0       | 11       | 97.4       | 18       | 123.0      | 25       | 156.7      | 32       | 203.5      |          |            |          |            |          |            |
| 5        | 79.7       | 12       | 100.0      | 19       | 127.3      | 26       | 162.2      | 33       | 210.7      |          |            |          |            |          |            |

|   |      |    |       |    |       |    |       |    |       |  |  |  |  |
|---|------|----|-------|----|-------|----|-------|----|-------|--|--|--|--|
| 6 | 82.5 | 13 | 103.5 | 20 | 131.8 | 27 | 167.9 | 34 | 218.1 |  |  |  |  |
| 7 | 85.4 | 14 | 107.2 | 21 | 136.5 | 28 | 173.8 | 35 | 225.7 |  |  |  |  |

**CDCSS Octal Code Chart**

| Code No. | OCT Code | Code No. | OCT Code | Code No. | OCT Code | Code No. | OCT Code | Code No. | OCT Code | Code No. | OCT Code | Code No. | OCT Code | Code No. | OCT Code |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 39       | 023      | 52       | 074      | 65       | 165      | 78       | 271      | 91       | 413      | 104      | 565      | 117      | 731      |          |          |
| 40       | 025      | 53       | 114      | 66       | 172      | 79       | 306      | 92       | 423      | 105      | 606      | 118      | 732      |          |          |
| 41       | 026      | 54       | 115      | 67       | 174      | 80       | 311      | 93       | 431      | 106      | 612      | 119      | 734      |          |          |
| 42       | 031      | 55       | 116      | 68       | 205      | 81       | 315      | 94       | 432      | 107      | 624      | 120      | 743      |          |          |
| 43       | 032      | 56       | 125      | 69       | 223      | 82       | 331      | 95       | 445      | 108      | 627      | 121      | 754      |          |          |
| 44       | 043      | 57       | 131      | 70       | 226      | 83       | 343      | 96       | 464      | 109      | 631      |          |          |          |          |
| 45       | 047      | 58       | 132      | 71       | 243      | 84       | 346      | 97       | 465      | 110      | 632      |          |          |          |          |
| 46       | 051      | 59       | 134      | 72       | 244      | 85       | 351      | 98       | 466      | 111      | 654      |          |          |          |          |
| 47       | 054      | 60       | 143      | 73       | 245      | 86       | 364      | 99       | 503      | 112      | 662      |          |          |          |          |
| 48       | 065      | 61       | 152      | 74       | 251      | 87       | 365      | 100      | 506      | 113      | 664      |          |          |          |          |
| 49       | 071      | 62       | 155      | 75       | 261      | 88       | 371      | 101      | 516      | 114      | 703      |          |          |          |          |
| 50       | 072      | 63       | 156      | 76       | 263      | 89       | 411      | 102      | 532      | 115      | 712      |          |          |          |          |
| 51       | 073      | 64       | 162      | 77       | 265      | 90       | 412      | 103      | 546      | 116      | 723      |          |          |          |          |

## SAFETY AND GENERAL INFORMATION



### Compliance with RF Exposure Standards

Your GMRS Two-way radio generates RF electromagnetic energy during transmit mode. This two-way radio is designed, manufactured and tested to comply with all applicable national and international regulations for human exposure to radio frequency electromagnetic energy.

### Class B Digital Device

This radio has been tested and found to comply with the limits for a Class B digital device which pursuant to the part 15 of FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **Acoustic Safety**

Exposure to loud noises from any source for extended periods of time may temporarily or permanently affect your hearing. The louder the volume of the radio, the sooner your hearing will be affected. Hearing damage from loud noise is sometimes undetectable at first, and can have a cumulative effect.

To protect your hearing, follow these precautions:

- Use the lowest volume necessary to do your job.
- Turn up the volume only if you are in noisy surroundings.
- Turn down the volume before putting on a headset or headphones.
- Limit the amount of time you use a headset or headphones at high volume.
- When using the radio without a headset or headphones, do not place the speaker of the radio directly against your ear.

### **Medical Devices**

If you use a personal medical device, such as a pacemaker or hearing aid, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.



To ensure that your exposure to RF electromagnetic energy is within the FCC allowable limits, always adhere to the following

**CAUTION guidelines:**

- **DO NOT** operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed FCC RF exposure limits. A proper antenna is the antenna supplied with this radio by the manufacture or an antenna specifically authorized by the manufacturer for use with this radio.

- **DO NOT** transmit for more than 50% of total radio use time ("50% duty cycle").

Transmitting more than 50% of the time can cause FCC RF exposure compliance requirements to be exceeded. The radio is transmitting when the "TX indicator" shows on LCD. You can cause the radio to transmit by pressing the "PTT" switch.

- **ALWAYS** use SAMCOM authorized accessories( antennas, batteries, belt clips, speaker/mics, etc). Use of unauthorized accessories can cause the FCC RF exposure compliance requirements to be exceeded. Body-worn operations are restricted to belt-clips, holsters or similar accessories that have no metallic component in the assembly.

To provide the recipients of your transmission the best sound quality, hold the antenna at least 2.5 cm from mouth, and slightly off to one side.

SAR tests are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC Tests for each product are performed in positions and locations as required by the FCC.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

In order to comply with the FCC RF exposure requirements, the antenna installation must comply with following:

Users must be fully aware of the hazards of the exposure and able to exercise control over their RF exposure to qualify for the higher exposure limits.

The information listed above provides the user with the information needed to make him or her aware of RF exposure, and what to do to assure that this radio operates within the FCC RF exposure limits of this radio.

The SAMCOM T2 is FCC Part95E type accepted for use on the GMRS. The T2 operates on General Mobile Radio Service(GMRS) frequencies according to the Federal Communications Commission(FCC) Rules in the United States. As such, a GMRS license is required to transmit on these frequencies. To obtain an FCC liscense for the GMRS, please go to the FCC' web site and complete the online appli-cation or request FCC Form 605.

For 467 MHz main channels. Only mobile, hand-held portable, control and fixed stations may transmit on these 8 channels. Mobile, hand-held portable and control stations may transmit on these channels only when communicating through a repeater station or making brief test transmissions in accordance with § 95.319(c).

### **Electromagnetic Interference/Compatibility**

During transmissions, your SAMCOM radio generates RF energy that can possibly cause inference with other devices or systems. To avoid such interference. Turn off the radio in area where signs are posted to do so. DO NOT operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, aircraft, and blasting sites.