

## WT-555 USER MANUAL

### BUTTON AND CONTROLS



### BATTERY INSTALLATION

1. Switch off the radio and open the battery door.
2. Install 3 AAA alkaline batteries (not included) according to the anode-cathode signs shown in the battery door as shown.
3. Replace the battery door.

### OPERATION

#### Power On/Off

1. Press and hold **(1)** key for 3 seconds until "Di" sound to indicate the unit is power on property. LCD will show the current channel.
2. Repeat the above operation to power off the unit.

#### Adjust the volume

1. Press **(1)** key once, the current volume level will show on the LCD screen.
2. Press **▲/▼** key to increase or decrease volume level from L1 to L4(1-4 level). The default setting of volume is L3.
3. When volume setting reaches the maximum or minimum level, alert beep tones will be heard.

#### Channel Selection

Two radios have to be in the same channel in order to communicate each other.

Select desired channel by pressing and releasing **▲/▼** key. Current channel will be shown on LCD.

#### To make a Call

1. Press CALL key once to call other parties.
2. There are short calling melodies indicate the starting and ending of transmitting call tone.

### **Push to Talk**

Press and hold PTT key and speak into the microphone.

### **Receiving Signal**

Release PTT or CALL key and wait for signal. Current channel shown on LCD.

### **Low Battery Indicator**

When the battery level becomes low, “Bi Bi” alert will be heard every 2 seconds and “LL” will be shown on LCD. The radio will be off automatically after 3 minutes except to replace new batteries.

## **TECHNICAL SPECIFICATIONS**

<b>Description</b>	<b>Specifications</b>
Power Output	<500mW
Operating Frequency	462.5625 ~ 462.7125MHz 467.5625 ~ 467.7125MHz 462.5500 ~ 462.7250MHz
Channels	22
Modulation	FM
Communication Range	Un-obstructed conditions: Up to 3 km
Power Source	3 AAA Alkaline battery
Battery Life	> 30 hours (5% Transmitting, 5% Reception, 90% Standby)

### **FRS+GMRS Transmit-Receive Frequencies (MHz)**

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

## **TROUBLE SHOOTING**

<b>Problem</b>	<b>Solution</b>
No power	- Reposition or replace batteries
Message not transmitted	- Make sure the Push-to-Talk button is completely pressed as you transmit. - Reposition or replace batteries
Message not received	- Confirm radios have the same channel setting. - Make sure PTT is not inadvertently being pressed. - Obstructions operating indoors or in vehicles may interfere

	with communication.
	<ul style="list-style-type: none"> <li>- Change your location.</li> <li>- Check to make sure volume is loud enough to be heard.</li> <li>- Reposition or replace batteries</li> </ul>
Hearing other conversation or noise on a channel	<ul style="list-style-type: none"> <li>- Shared channel may be in use, try another.</li> </ul>
Limited talk range	<ul style="list-style-type: none"> <li>- Steel/concrete structures between each other, heavy foliage will decrease communication range, check for clear line of sight to improve transmission.</li> <li>- Wearing radio close to body such as in a pocket or on a belt will decrease range, change location of radio.</li> </ul>
Heavy static or interference	<ul style="list-style-type: none"> <li>- Radio are too close to each other. Radio must be at least 15 feet apart, increase your distance.</li> <li>- Radio are too far apart. Obstacles interfere with transmission.</li> <li>- Talk range is up to 3 km in clear and unobstructed conditions.</li> </ul>

**Caution:**

- Do not expose this appliance to rain or moisture.
- Do not hold the antenna while the radio is in use, or transmissions quality affected.
- Never change or replace anything in your communicator except the battery.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- To clean your radio, use a soft cloth dampened with water.

**FCC STATEMENT**

Warning: Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Warning: Any adjustment to this equipment is recommended to be performed by or under the immediate supervision and responsibility of a person certified as technically qualified to perform transmitter maintenance and repair duties in the private land mobile services and fixed services by an organization or committee representative of users of those services.

Warning: Replacement of any transmitter component (crystal, semiconductor, etc.) for this equipment could result in violation of FCC rules.

Notes: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation, this equipment generates, uses and can radiate 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.

The General Mobile Radio Service (GMRS) frequencies a license under the Rules of Federal Communications Commission (FCC). You can apply for your GMRS license online at [www.fcc.gov/formpage.html](http://www.fcc.gov/formpage.html) .