

## THANK YOU

We are grateful you decided to purchase **KENWOOD** product and welcome you to the Family Radio Service (FRS). FRS is personal, short range 2-way radio band for family & friends to keep in touch without the need for license, radio knowledge, or monthly charges.

Your **KENWOOD** FreeTalk is called a "transceiver", meaning "transmitter" and "receiver".

Your transceiver provides safety and convenience almost anywhere, indoor or outside.

The distance depends on your location; you'll get maximum distance of up to approximately 2 miles in open areas, less in buildings or vehicles.

**KENWOOD** believes you will be satisfied with this product's quality and features.

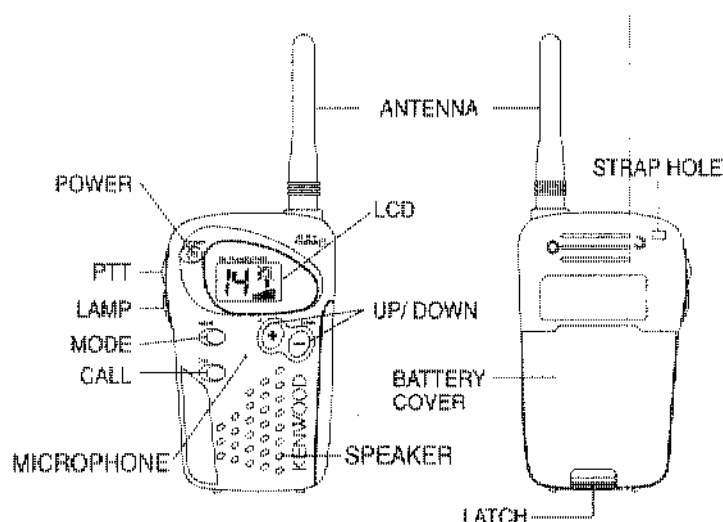
## PRECAUTIONS

- Do not modify or attempt to adjust the transceiver for any reason.
- Avoid extremes in exposure to weather, heat, and cold. This transceiver is water resistant but not waterproof.
- Do not expose the transceiver to long periods of direct sunlight, nor place the transceiver close to heating appliances.
- Do not place the transceiver in excessively dusty areas, humid areas, wet areas, nor on unstable surfaces.
- If an abnormal odor or smoke is detected coming from the transceiver, immediately switch OFF the power and remove the batteries or battery pack from the transceiver. Contact your **KENWOOD** dealer.

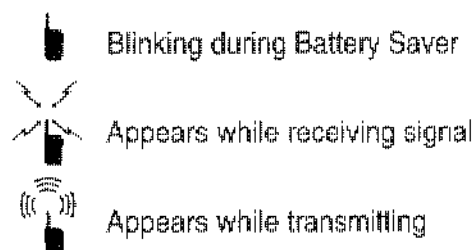
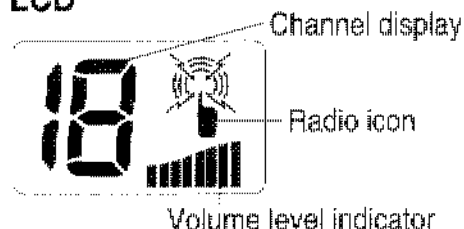
## GENERAL FEATURES

- 14 CHANNELS
- 2 DIGIT LCD DISPLAY FOR CHANNEL
- 15 STEP DIGITAL UP/DOWN VOLUME
- 500mW POWER OUTPUT
- BATTERY SAVER FUNCTION
- LAMP FUNCTION
- CALL TONE TRANSMIT FUNCTION
- AUDIBLE LOW BATTERY WARNING BEEP WITH BLINKING
- UP TO 2 MILES COMMUNICATIONS RANGE
- 30 HOURS OPERATION WITH ALKALINE CELLS (RATIO OF TRANSMISSION, RECEPTION AND STAND-BY PERIODS IS 1:1:8)

## CONTROL DIAGRAM



## LCD



## INSTALLING / REMOVING BATTERY

This transceiver requires 4 AAA batteries. Use high quality alkaline batteries to enjoy longer periods of battery life. An audible warning beep is generated when battery level is very low. Reception is still enabled, but battery replacement is required.

1. Release the battery cover LATCH, then remove the battery cover.
2. Insert (or remove) the 4 AAA batteries.
3. Observe battery polarity indicated in the battery compartment.
4. Align the battery cover, then lock it using the LATCH.

## OPERATION

### POWER ON/OFF

Press and hold the POWER key for a half second to power on / off.

### RECEPTION

Press the UP (Down) key to increase (decrease) the volume. The unit features a 15 step digital volume control. The speaker sounds when correct signal (same channel) is received.

- You have to select the same channel as your party.
- Press and hold the UP (Down) key to continuously change.

### TRANSMISSION

Press the PTT key for transmission. Speak slowly and clearly in a normal tone of voice about 2-3 inches away from the microphone. TX icon appears on the LCD during transmission. Release the PTT key to return to receive / stand-by mode.

### CALL

Press and release the CALL key to transmit an audible Call Tone. The unit rings for 2 seconds. The unit automatically returns to receive / stand-by mode when the Call transmission is over.

### CHANNEL SELECTION

The channel digits blink when the MODE key is pressed. Press the UP (DOWN) key to increase channels (or decrease). To select a channel and return to receive / stand-by mode press MODE, PTT or CALL key.

- Press and hold the UP (Down) key to continuously change.

### LAMP CONTROL

Press LAMP (L) key to illuminate the LCD. The lamp will go out after 5 seconds.

### BATTERY SAVER

After 3 seconds elapse with no key entries, no call received, and no transmission, Battery Saver automatically functions and the radio icon keeps blinking. It repeats switching the power ON and OFF to the receiver at certain ratios to maximize battery life. You cannot switch OFF this function.

## FREQUENCY CHART

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	462.5625	6	462.6875	11	467.6375
2	462.5875	7	462.7125	12	467.6625
3	462.6125	8	467.5625	13	467.6875
4	462.6375	9	467.5875	14	467.7125
5	462.6625	10	467.6125		

## SPECIFICATIONS

Frequency range	462.5625 - 467.7125 MHz (14 Channels)
Supply voltage (rated voltage)	6.0 V
Transmit output power	500 mW
Dimensions (W x H x D, projection not included)	58.7 x 95.3 x 30.3 mm (2.31 x 3.75 x 1.19 inches)
Weight (with 4AAA batteries)	Approx. 135g (4.7 oz.)

## NOTICES TO USER

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.

One or more of the following statements may be applicable:

### **FCC WARNING**

*This equipment generates or uses radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.*

### **INFORMATION TO THE DIGITAL DEVICE USER REQUIRED BY THE FCC**

*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 generate 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 the 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 to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer for technical assistance.