

FreeTalkEL™ UBZ-AM14

INSTRUCTION MANUAL

THANK YOU!

We are grateful you decided to purchase this **KENWOOD** product and welcome you to the Family Radio Service (FRS). FRS is a personal, short range 2-way radio band for family & friends to keep in touch without the need for a license, radio knowledge, or monthly charges. Your **KENWOOD** FreeTalk radio is called a "transceiver", meaning "transmitter & receiver". Your transceiver provides safety and convenience almost anywhere. The communication distance depends on your location; you'll get maximum distance of up to approximately 2 miles (3.2 km) in open areas, less in buildings or vehicles.

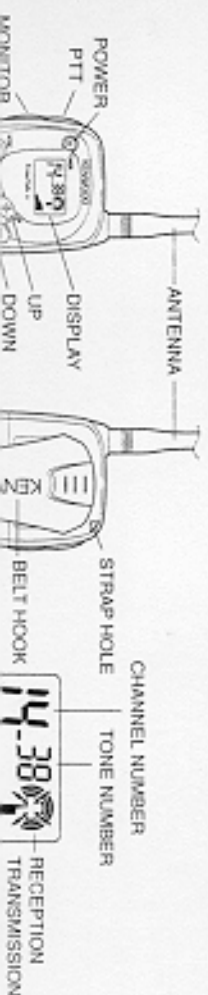
PRECAUTIONS

- Do not modify or attempt to adjust the transceiver for any reason.
- Avoid extremes in exposure to weather, heat, and cold. This transceiver is weather 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 from the transceiver. Contact your **KENWOOD** dealer.

GENERAL FEATURES

- 14 FRS channels
- Tone Squelch (CTCSS)
- 500 mW power output
- 32-step digital volume control with an LCD level indicator
- Built-in battery-saver
- Call Tone transmission
- Audible low-battery warning tone
- Automatic lamp control
- Up to 2 miles (3.2 km) communication range
- 30 hours operation with alkaline cells (Ratio of transmission, reception and stand-by period is 1:1:8)

DISPLAY AND KEYS



KENWOOD

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09 08 07 06 05 04 03 02 01 00

STONE SQUELCH (CTCSS)

You may sometimes want to hear calls from only specific persons. The Continuous Tone Coded Squelch System (CTCSS) allows you to ignore (not hear) unwanted calls from persons in other groups who are using the same channel. Simply select the same CTCSS tone (number) as your group members. A CTCSS tone is a subaudible tone and is selectable from among 39 standard tones.

CTCSS TONE SELECT

Press the **MODE** key twice, then use the **UP** or **DOWN** key to select your desired Tone number (1 to 38 or OF (OFF)). Press the **MODE** key again to return to reception mode. If no key is pressed for 4 seconds, the transceiver selects the displayed tone number and returns to reception mode automatically.

When you change the operating channel, the current tone number along with the channel number, is stored and recalled the next time you select the channel. The tone and channel number information is stored even if you switch OFF the transceiver. However, removing the batteries erases the stored tone and channel number information.

MONITOR

When no signal is present, the Squelch on this transceiver automatically mutes the speaker so that you will not hear background noise. You can, however, manually deactivate the Squelch in any situation. You may try this when received signals are too weak to recognize.

NORMAL MONITOR MODE

Press and hold the **MON** to deactivate the Squelch. You will hear background noise. Release the **MON** key to return the Squelch to normal.

CONTINUOUS MONITOR MODE

If you press and hold the **MON** key for more than 3 seconds, a short beep sounds. Releasing the **MON** key at this time will not exit Monitor mode. To exit this mode, simply press the **MON** key again.

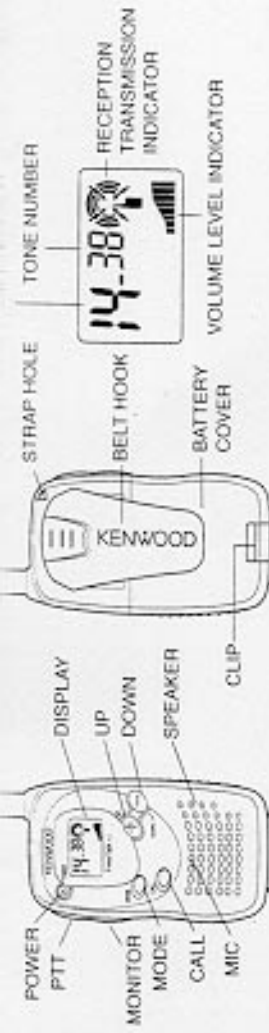
CALL

A Call Tone sounds like a telephone ring, and is convenient for quickly identifying yourself to another party. Persons whom you call will instantly recognize you because of your call tone.

Press and release the **CALL** key to transmit an audible Call Tone. The Call Tone is transmitted for approximately 1 second before the transceiver returns to reception mode.

LAMP

The lamp is used to illuminate the display. It automatically turns ON every time you press the **UP**, **DOWN**, **MODE**, **CALL** or **MON** key. It stays on for 5 seconds. If a key is pressed within this period, the lamp stays on for another 5 seconds.



INSTALLING/ REMOVING THE BATTERIES

This transceiver requires 4 AAA batteries. Use high quality alkaline batteries to enjoy longer periods of battery life. Release the battery cover clip, then remove the battery cover. Insert (or remove) 4 AAA batteries. Match the battery polarities with those marked in the battery compartment. Replace the battery cover, then lock it using the battery cover clip.

INSTALLING/ REMOVING THE BELT HOOK

Align the belt hook tabs with the belt hook guide rails on the transceiver. Slide the belt hook downward until it locks in place. To remove the belt hook, pull the belt hook upward while lifting the lever on the top.



OPERATION

SWITCHING THE POWER ON/ OFF

Press and hold the **POWER** switch for 0.5 seconds to switch the power ON/ OFF.

VOLUME CONTROL

Press the **UP** or **DOWN** key to increase or decrease the volume level in 32 steps. Press and hold the **UP** or **DOWN** key to change the level continuously. The volume level indicator on the display shows the volume level. When you switch the transceiver off, the volume level is stored and recalled the next time you switch it ON. However, removing the batteries erases the stored volume level.

CHANNEL SELECTION

The channel digit(s) blink when you press the **MODE** key. Press the **UP** or **DOWN** key to select the operating channel (1 to 14). After selecting a channel, press the **MODE** key twice to return to reception mode. If no key is pressed for 4 seconds, the transceiver selects the displayed channel and returns to reception mode. Press and hold the **UP** or **DOWN** key to change the channel number continuously. When you switch the transceiver OFF, the current channel number is stored and recalled the next time you switch it ON. However, removing the batteries erases the stored channel number.

RECEPTION

When you receive a call, you will hear audio from the speaker. Adjust the volume by pressing the **UP** or **DOWN** key. The reception indicator appears on the display while you are receiving a call.

TRANSMISSION

To make or answer a call, press and hold the **PTT** switch, then hold the transceiver about 3 inches (7.6 cm) from your lips. Speak into the microphone in your normal speaking voice. The transmission indicator appears on the display while you are transmitting. Release the **PTT** switch to return to reception mode.

LAMP

The lamp is used to illuminate the display. It automatically turns ON every time you press the **UP**, **DOWN**, **MODE**, **CALL** or **MON** key. It stays on for 5 seconds. If a key is pressed within this period, the lamp stays on for another 5 seconds.

BATTERY SAVER

After 4 seconds elapse with no key entries and no calls received, the Battery Saver is automatically activated. It repeats switching ON and OFF the power to the receiver at certain ratios in order to extend the battery life. You cannot switch this function OFF.

LOW BATTERY WARNING

When the battery voltage becomes low, the transceiver beeps at the beginning of transmission and reception. You can still receive calls at this time but we recommend that you replace the batteries.

SPECIFICATIONS

Frequency range	462.5625 ~ 467.7125 MHz (14 FRS Channels)
Supply voltage (rated voltage)	6.0 V DC
Transmit output power	500 mW
Dimensions (W x H x D, projections not included)	2.22 x 3.73 x 1.19 inches 56.5 x 94.8 x 30.3 mm
Weight (with 4 AAA batteries)	Approx. 4.8 oz/ 136 g

FREQUENCY CHART

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

No.	Freq. (Hz)	No.	Freq. (Hz)	No.	Freq. (Hz)	No.	Freq. (Hz)
1	67.0	11	97.4	21	136.5	31	192.8
2	71.9	12	100.0	22	141.3	32	203.5
3	74.4	13	103.5	23	146.2	33	210.7
4	77.0	14	107.2	24	151.4	34	218.1
5	79.7	15	110.9	25	156.7	35	225.7
6	82.5	16	114.8	26	162.2	36	233.6
7	85.4	17	118.8	27	167.9	37	241.8
8	88.5	18	123.0	28	173.8	38	250.3
9	91.5	19	127.3	29	179.9		
10	94.8	20	131.8	30	186.2		