KENWOOD

FreeTalk®FM

UBZ-GR14

FM TRANSCEIVER/ STEREO RADIO
INSTRUCTION MANUAL

ÉMETTEUR-RÉCEPTEUR/ RADIO STÉRÉO FM
MODE D'EMPLOI

TRANSCEPTOR FM/ RADIO ESTÉREO
MANUAL DE INSTRUCCIONES

THANK YOU

We are grateful for your purchase of 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**FM radio is called a "transceiver", meaning "transmitter & receiver". Your transceiver provides safety and convenience almost anywhere. Communication distance depends on your location; you'll get a maximum distance of up to approximately 2 miles (3.2 km) in open areas, less in buildings and 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 can be used in mild weather conditions, but it is not waterproof.
- Do not expose the transceiver to long periods of direct sunlight, nor place it close to heating appliances.
- Do not place the transceiver in excessively dusty, humid, or 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.
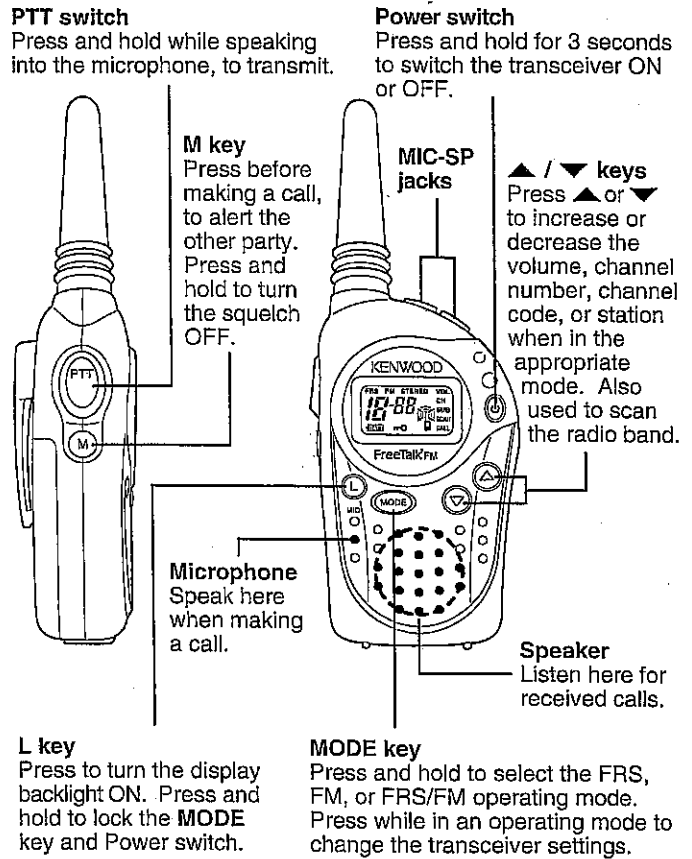
FEATURES

- 14 transceiver channels
- 38 code settings for each channel
- Call alert
- Automatic battery power saver
- Low battery power warning tone
- Key lock
- 2 mile (3.2 km) communication range
- FM radio (in stereo when using the supplied headphones)

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ORIENTATION

ENGLISH

PTT switch
Press and hold while speaking into the microphone, to transmit.

Power switch
Press and hold for 3 seconds to switch the transceiver ON or OFF.

M key
Press before making a call, to alert the other party. Press and hold to turn the squelch OFF.

MIC-SP jacks

▲ / ▼ keys
Press ▲ or ▼ to increase or decrease the volume, channel number, channel code, or station when in the appropriate mode. Also used to scan the radio band.

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Microphone
Speak here when making a call.

Speaker
Listen here for received calls.

L key
Press to turn the display backlight ON. Press and hold to lock the **MODE** key and Power switch.

MODE key
Press and hold to select the FRS, FM, or FRS/FM operating mode. Press while in an operating mode to change the transceiver settings.

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DISPLAY

FRS FM STEREO VOL
CH
SUB
SCAN
BATT ━O CALL

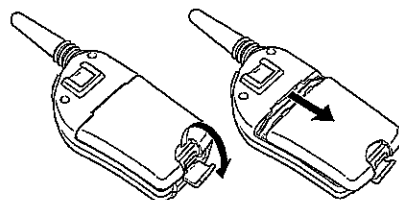|	
18	Displays the channel number, the first 2 digits of the FM station, and the volume level.
88	Displays the code for the selected channel as well as the last 2 digits of the FM station.
FRS	Represents the FRS operating mode.
FM	Represents the FM operating mode.
FRS FM	Represents the FRS/FM operating mode.
STEREO	Appears when listening to an FM station in stereo.
VOL	Blinks while you are adjusting the volume level.
CH	Blinks when you are able to change the operating channel.
SUB	Blinks when you are able to adjust the channel code.
SCAN	Blinks while scanning or when Scan mode is selected.
CALL	Appears while pressing the M key to make a call.
((ρ))	Appears while pressing the M key to make a call and the PTT switch to transmit.
⋎ρ⋎	Appears when a signal is present on the selected channel.
━O	Blinks while the Key Lock function is activated.
BATT	Blinks when the battery power is low.

PREPARATION

INSTALLING/ REMOVING THE BATTERIES

This transceiver requires 4 AAA batteries. Use high quality alkaline batteries to enjoy longer periods of battery life.
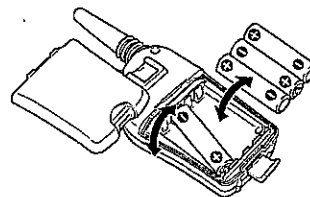
1 If the belt hook is installed, first remove it from the transceiver (refer to "INSTALLING/ REMOVING THE BELT HOOK" on page 4).

2 Pull back on the battery cover latch, then remove the battery cover.
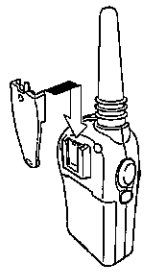
3 Insert or remove 4 AAA batteries.
   • When inserting batteries, be sure to match the battery polarities with those marked in the battery compartment.
   • It is normally easier to install the batteries by starting at either end and inserting the batteries side by side, as there are no grooves in the battery compartment.
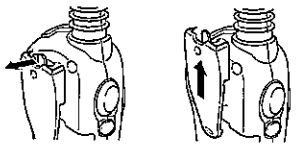
4 Replace the battery cover, making sure the battery cover latch locks in place.

INSTALLING/ REMOVING THE BELT HOOK

1 Align the belt hook tabs with the guides on the rear of the transceiver.

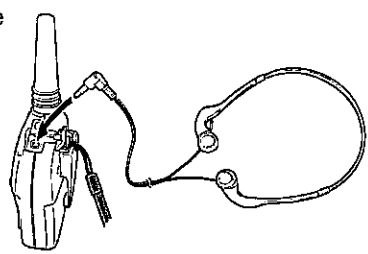2 Slide the belt hook down the guides until it locks in place.

3 To remove the belt hook, pull back on the lever on the top of the belt hook and slide the belt hook out of the guides.

INSTALLING/ REMOVING THE STEREO HEADPHONES

Note: Always switch OFF the transceiver power when installing or removing the headphones.

1 Open the **SP** tab on the top of the transceiver.

2 Insert the headphone plug into the **SP** jack.

3 When you remove the head-phones from the transceiver, be sure to cover the **SP** jack with the attached tab in order to keep dust and dirt away from the contacts.

INSTALLING/ REMOVING OPTIONAL ACCESSORIES

Note: Always switch OFF the transceiver power when installing or removing the optional accessories.

The following accessories can be used with this transceiver:

* SMC-34 Speaker-Microphone
* HMC-3 Headset
* EMC-3 Clip Microphone with Earphone

To install these accessories:

1 Open the **MIC-SP** tabs on the top of the transceiver.

2 Insert the accessory's plugs into the **MIC-SP** jacks.

3 When you remove the accessory from the transceiver, be sure to cover the **MIC-SP** jacks with the attached tabs in order to keep dust and dirt away from the contacts.

Note:

◆ Refer to the accessory instruction manuals for detailed instruction on each of the accessories.

◆ ·The 3 programmable function keys on the SMC-34 cannot be used with this transceiver. To use the speaker-microphone, press the **PTT** switch to transmit and release it to receive. You can also adjust the volume level using the SMC-34 **Volume** control.

GETTING STARTED

❶ Switching the Power ON/ OFF

To switch the transceiver power ON (or OFF), press and hold the ⏻ switch for 3 seconds.

- A tone sounds to confirm that the power has been switched ON (or OFF).

❷ Selecting an Operating Mode

1 Press and hold the MODE key to cycle through FRS, FM, and FRS/FM Models.

- Each time you press and hold the MODE key for 0.5 seconds, the operating mode cycles to the next mode.
- FRS, FM, or both icons appear, indicating the selected operating mode.

2 Depending on the operating mode you have selected, refer to the appropriate section:

- FRS Mode – page 7. FRS Mode allows you to send and receive transmissions.
- FM Mode – page 10. FM Mode allows you to listen to FM radio broadcasts.
- FRS/FM Mode – page 11. FRS/FM Mode allows you to monitor only a single channel for sending and receiving transmissions, while also listening to FM radio broadcasts.

❸ Adjusting the Volume

Press the ▲ or ▼ key to increase or decrease the volume level.

- Press and hold the ▲ or ▼ key to continuously increase or decrease the volume until you release the key, or until the volume is at its maximum or minimum level.
- The volume level (1 ~ 8) appears for approximately 2 seconds before returning to the channel number/ station.

FRS MODE

❶ Selecting a Channel

1 Press the MODE key momentarily.

- The FRS and CH icons blink.

2 Press the ▲ or ▼ key to increase or decrease the channel number.

- Press and hold the ▲ or ▼ key to continuously increase or decrease the channel number until you release the key.

3 Once you have selected your desired channel number (1 ~ 14), press the PTT switch to complete the selection and return to normal operation.

❷ Listening for a Call

1 If a calling party first presses their M key to alert you that they are going to speak, you will hear a 2 second ringing tone.

2 You will hear audio from the speaker. Readjust the volume if necessary.

- The reception indicator appears while you are receiving.

3 When the party has finished speaking, you can respond to the call (refer to "❸ Making a Call" on page 8).

This transceiver has a feature that allows you to ignore unwanted calls. To ignore unwanted calls, you can set up a code on your selected channel. However, you must ensure that each member of your group is using the same code, otherwise you will be unable to communicate with each other. If you set the code on your selected channel to "OF" (off), you will hear calls from everyone within range who is using the same channel you have selected.

1 Press the **MODE** key momentarily, two times.
   • The **FRS** and **SUB** icons blink.

2 Press the ▲ or ▼ key to increase or decrease the code number of the selected channel.
   • Press and hold the ▲ or ▼ key to continuously increase or decrease the code number until you release the key.

3 Once you have selected your desired code number (01 ~ 38 or OF), press the **PTT** switch to complete the selection and return to normal operation.

4 Make sure your other party members are using the same code that you have set up.
   • If each party member is using a different code, you will not be able to hear each other's calls.

❸ MAKING A CALL

1 When you want to make a call on your selected channel, first press the **M** key to alert the other party that you are about to make a call.
   • The transmission indicator and **CALL** icon appear.
   • This step is not necessary when you are responding to a call, as the other party is already expecting a response.

2 Press and hold the **PTT** switch, hold the transceiver about 3 inches (7 1/2 cm) from your mouth, then speak into the microphone using your normal voice.
   • The transmission indicator appears while you are transmitting.

3 When you finish speaking, release the **PTT** switch.

Note: If you do not release the PTT switch after you finish talking, you will not be able to receive any calls. Additionally, pressing the PTT switch for extended periods will reduce the battery power.

❹ CHANNEL SCANNING

1 When you want to scan all channels for a signal, press the **MODE** key momentarily, three times.
   • The **FRS**, **CH**, and **SCAN** icons blink.

2 Press the ▲ or ▼ key to begin scanning the channels from channel 1 to 14.
   • All channel codes are turned off during scan.

3 When a signal is found on a channel, scan will pause at that channel for 10 seconds.
   • To resume scanning before the 10 second timer elapses, press the ▲ or ▼ key.

4 To end scan and return to normal operation, press the **PTT** switch.

❺ CODE SCANNING

1 When you want to scan all code settings on a single channel, press the **MODE** key momentarily, four times.
   • The **FRS**, **SUB**, and **SCAN** icons blink.

2 Press the ▲ or ▼ key to begin scanning the codes from code 01 to 38.

3 When a signal is found at a code setting, scan will pause at that code for 10 seconds.
   • To resume scanning before the 10 second timer elapses, press the ▲ or ▼ key.

4 To end scan and return to normal operation, press the **PTT** switch.

FM MODE

❶ SELECTING A STATION

1 Press the **MODE** key momentarily.
- The **FM** icon blinks.

2 Press the ▲ or ▼ key to increase or decrease the FM station.

3 Once you have selected your desired station, press the **PTT** switch.
- Pressing the **M** key after selecting a station will return to the last station you were using.

❷ SCANNING THE FM BAND

1 Press the **MODE** key momentarily.
- The **FM** icon blinks.

2 Press and hold the ▲ or ▼ key for 0.5 seconds.
- The **FM** and **SCAN** icons blink and the transceiver scans the FM radio band.

3 When a station is found, scan will pause at that station for 10 seconds.
- To resume scanning before the 10 second timer elapses, press the ▲ or ▼ key.

4 To end scan and keep the radio station that has been found, press the **PTT** switch.
- Pressing the **M** key after finding a station will end scan and return to the last station you were using.

FRS/FM MODE

❶ SELECTING AN FRS CHANNEL

Only one FRS station can be monitored while in FRS/FM Mode. The channel monitored is the last channel you used while in FRS Mode.

To select a channel, you must first enter FRS Mode, then select a channel as described in "❶ SELECTING A CHANNEL" on page 7.

While operating the transceiver, the FRS channel is continuously monitored. When a signal is present and the code matches, the transceiver automatically switches to the FRS channel. When the signal is finished, the transceiver will wait for 1 second before returning to the FM radio band. However, if a signal is present but the code does not match, the receive icon appears but the transceiver will not switch to the FRS channel. To force the transceiver to switch to the FRS channel at such a time, press and hold the **M** key. When you release the **M** key, the transceiver will wait for 1 second before returning to the FM radio band.

❷ SELECTING AN FM STATION

1 Press the **MODE** key momentarily.
- The **FM** icon blinks.

2 Press the ▲ or ▼ key to increase or decrease the FM station.

3 Once you have selected your desired station, press the **PTT** switch.
- Pressing the **M** key after selecting a station will return to the last station you were using.

❸ SCANNING THE FM BAND

1 Press the **MODE** key momentarily.
   - The FM icon blinks.

2 Press and hold the ▲ or ▼ key for 0.5 seconds.
   - The **FM** and **SCAN** icons blink and the transceiver scans the FM radio band.

3 When a station is found, scan will pause at that station for 10 seconds.
   - To resume scanning before the 10 second timer elapses, press the ▲ or ▼ key.

4 To end scan and keep the radio station that has been found, press the **PTT** switch.
   - Pressing the M key after finding a station will end scan and return to the last station you were using.

❹ MAKING A CALL

.1 When you want to make a call on the FRS channel, first press the M key to alert the other party that you are about to make a call.
   - The transmission indicator and **CALL** icon appear.
   - This step is not necessary when you are responding to a call, as the other party is already expecting a response.

2 Press and hold the **PTT** switch, hold the transceiver about 3 inches (7 1/2 cm) from your mouth, then speak into the microphone using your normal voice.
   - The transmission indicator appears while you are transmitting.

3 When you finish speaking, release the **PTT** switch.
   - The transceiver returns to the FM radio band after 1 second.

Note: If you do not release the PTT switch after you finish talking, you will not be able to receive any calls. Additionally, pressing the PTT switch for extended periods will reduce the battery power.

OPERATING FEATURES

MONITORING AN FRS CHANNEL

When you are not receiving a call, the squelch on the transceiver automatically mutes the speaker so that you will not hear very weak signals or background noise. You can override this feature by following the steps given below.

1 Press and hold the M key for more than 2 seconds.
   - Squelch is deactivated while you are pressing this key. You will hear background noise at this time.

2 Release the M key to reactivate the squelch.

KEY LOCK

You can lock the **MODE** key and the ⏻ switch to prevent accidentally changing the operating mode, the channel/station settings, and switching the transceiver OFF.

1 Press and hold the L key for more than 0.5 seconds.
   - The key lock icon blinks. You can continue to perform functions in each of the operating modes which does not involve the **MODE** key or the ⏻ switch.

2 To unlock the keys, press and hold the L key again for more than 0.5 seconds.

Display Illumination

1   To turn the display backlight ON, press the **L** key momentarily.

   • The display backlight turns ON for 10 seconds.
   • Each time you press any key other than the **PTT** switch while the display backlight is ON, the 10 second timer will reset, allowing the display to remain illuminated for an additional 10 seconds after releasing the key.

2   To turn the display backlight OFF, press the **L** key momentarily while the display backlight is ON.

Battery Power Saver

This transceiver has been designed to give you the most out of your battery power. While using the transceiver in FRS Mode, the battery saver will automatically switch ON after 10 seconds have elapsed with no operations or received calls. Operating the transceiver or receiving a call will switch this feature OFF until 10 seconds of non-operation occurs again.

Low Battery Warning

When battery power becomes low, the "BATT" icon will flash. Replace the batteries at this time.

When replacing batteries, replace all batteries at the same time; do not mix old and new batteries together. Additionally, use batteries of only the same type; do not mix different types of batteries together.

NOTICES TO THE 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.
   • Consult the dealer for technical assistance.