

KENWOOD

FreeTalk[®]EX



UBZ-AR14

FM TRANSCEIVER
INSTRUCTION MANUAL

EMETTEUR-RECEPTEUR FM
MODE D'EMPLOI

TRANSCPTOR DE FM
MANUAL DE INSTRUCCIONES

KENWOOD CORPORATION
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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 FreeTalker** 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 channels
- 36 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

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ORIENTATION

TALK switch

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

CALL key

Press before making a call, to alert the other party.

Power switch

Press and hold for 1 1/2 seconds to switch the transceiver ON.

MODE key

Press to change the code setting of the channel.

Lamp key

Press to turn the display backlight ON. Press and hold to monitor a channel.

VOLUME + and - keys

Press + or - to increase or decrease the volume level.

Speaker-Microphone

Listen here for received calls. Speak here to make a call.

LOCK key

Press and hold to lock the Channel and Mode keys, as well as the Power switch.

Displays the code for the selected channel.

Displays the channel number and the volume level.

Appears while receiving.

Appears while transmitting.

Appears when the Lock function is ON.

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", below).
- 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.
- 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 OPTIONAL SMC-34 SPEAKER-MICROPHONE

Note: Always switch off the transceiver power when installing or removing the SMC-34.

- 1 Open the MIC/SP tab on the top of the transceiver.
- 2 Insert the speaker-microphone plugs into the MIC/SP jacks.
- 3 When you remove the speaker-microphone from the transceiver, be sure to cover the MIC/SP jacks with the attached tab in order to keep dust and dirt away from the contacts.

Note: 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.

OPERATION

1 SWITCHING THE POWER ON/ OFF

To switch the transceiver power ON (or OFF), press and hold the \downarrow switch for 1 1/2 seconds.

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

2 SELECTING A CHANNEL

Press the CH. + or - key to select a channel from 1 to 14.

- The selected channel number appears on the display.
- Press and hold the CH. + or - key to continuously scroll through the channels until you release the key.

3 ADJUSTING THE VOLUME

Press the VOLUME + or - key to increase or decrease the volume level.

- Press and hold the VOLUME + 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 5 seconds before returning to the channel number.

4 LISTENING FOR A CALL

- 1 If a calling party first presses their CALL 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 "5 Making a Call" on page 4).

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 "00" (off), you will hear calls from everyone within range who is using the same channel you have selected.

- 1 Press the **MODE** key.
 - The current code blinks.
- 2 Press the **CH. + or -** key to select your desired code number (00 to 38).
 - The selected code appears on the display.
 - Press and hold the **CH. + or -** key to continuously scroll through the codes until you release the key.
- 3 Press the **MODE** key again or perform no operation for 5 seconds to set your selection.
- 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.
- 5 **MAKING A CALL**
 - 1 When you want to make a call on your selected channel, first press the **CALL** key to alert the other party that you are about to make a call.
 - 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 **TALK** 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 **TALK** switch.

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

OPERATING FEATURES

MONITORING A 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. Deactivating this feature to listen to background noise makes adjusting the volume simpler as well.

- 1 Press and hold the ∇ key for more than 1/2 a second.
 - Squelch is deactivated while you are pressing this key. You will hear background noise at this time.
- 2 Release the ∇ key to reactivate the squelch.

It is also possible to deactivate the squelch for longer periods of time. This may be desirable if you are communicating with a party but the signal is too weak to hear under normal circumstances. With squelch turned OFF, you will be able to hear the signal.

- 1 Press and hold the ∇ key for more than 5 seconds.
 - A double beep will sound to alert you that squelch has been deactivated. You will hear background noise while the squelch is turned OFF.
- 2 Release the ∇ key and operate on the channel as usual.
- 3 To exit Monitor mode, press the **CH. + or -** key or press the ∇ key again for more than 1/2 a second.

KEY LOCK

You can lock the **CH. + and -** keys, the **MODE** key, and the ∇ switch to prevent accidentally changing the channel and channel settings, and switching the transceiver OFF.

- 1 Press and hold the **LOCK** key for more than 1 second.
 - The key lock icon appears. You can continue to use the **TALK** switch, the **CALL** and ∇ keys, and the **Volume + and -** keys.
- 2 To unlock the keys, press and hold the **LOCK** key again for more than 1 second.

Display Illumination

- To turn the display backlight ON, press the ∇ key momentarily.
 - The display backlight turns ON for 10 seconds.
 - Each time you press the **VOLUME +** and **-**, **CH +** and **-**, **CALL**, **MODE**, and **LOCK** keys 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.
- To turn the display backlight OFF, press the ∇ 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, 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 transceiver will generate a beeping sound. 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.

SAFETY INFORMATION:

Your wireless hand-held portable transceiver has been designed using a low power transmitter.

When the TALK switch is pressed, the transceiver generates radio frequency (RF) electromagnetic energy (EME).

This transceiver is designed to comply with the FCC Report and Order FCC 96-326 (August, 1996).

CAUTION:

To stay within the standards of the FCC's RF exposure guidelines, hold the transceiver and antenna at least 2 inches (5 cm) from your face and speak in your normal voice. Keep the antenna pointed up and away from your face.

If you wear the transceiver on your body, ensure that the antenna is at least 1 inch (2.5 cm) away from your body while you are transmitting.

Use only **KENWOOD** genuine accessories and the supplied antenna. Unauthorized antennas, modifications, or attachments may damage the transceiver and violate FCC regulations.