

KENWOOD

TK-260G/TK-360G

VHF FM TRANSCEIVER/
UHF FM TRANSCEIVER

INSTRUCTION MANUAL

TRANSCEPTOR DE FM VHF/
TRANSCEPTOR DE FM UHF

MANUAL DE INSTRUCCIONES

KENWOOD CORPORATION

TK-260G/TK-360G

VHF FM TRANSCEIVER/
UHF FM TRANSCEIVER
INSTRUCTION MANUAL

ENGLISH

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.*



ATTENTION (U.S.A. Only):

The RBRC Recycle seal found on **KENWOOD** nickel-cadmium (Ni-Cd) battery packs indicates **KENWOOD's** voluntary participation in an industry program to collect and recycle Ni-Cd batteries after their operating life has expired. The RBRC program is an alternative to disposing Ni-Cd batteries with your regular refuse or in municipal waste streams, which is illegal in some areas.

For information on Ni-Cd battery recycling in your area, call (toll free) 1-800-8-BATTERY (1-800-822-8837).

KENWOOD's involvement in this program is part of our commitment to preserve our environment and conserve our natural resources.

MODELS COVERED BY THIS MANUAL

- **TK-260G:** VHF FM Transceiver
- **TK-360G:** UHF FM Transceiver

NOTICES TO THE USER

WARNING:

GOVERNMENT LAW PROHIBITS THE OPERATION OF UNLICENSED RADIO TRANSMITTERS WITHIN THE TERRITORIES UNDER GOVERNMENT CONTROL.

ILLEGAL OPERATION IS PUNISHABLE BY FINE OR IMPRISONMENT OR BOTH.

REFER SERVICE TO A QUALIFIED LICENSED OR CERTIFIED TECHNICIAN ONLY.

SAFETY: It is important that the operator is aware of and understands hazards common to the operation of any transceiver.

WARNING:

EXPLOSIVE ATMOSPHERES (GASES, DUST, FUMES, etc.)

Turn off and do not operate your transceiver while taking on fuel, or while parked in gasoline service stations.

PRECAUTIONS

Please observe the following precautions to prevent fire, personal injury, and transceiver damage:

- Do not modify this transceiver for any reason.
- 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, nor on unstable surfaces.
- If an abnormal odor or smoke is detected coming from the transceiver, switch OFF the power immediately and remove the optional battery pack from the transceiver. Contact your **KENWOOD** dealer.

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THANK YOU!

We are grateful you chose **KENWOOD** for your land mobile applications. We believe this easy-to-use transceiver will provide dependable communications to keep personnel operating at peak efficiency.

KENWOOD transceivers incorporate the latest in advanced technology. As a result, we feel strongly that you will be pleased with this product's quality and features.

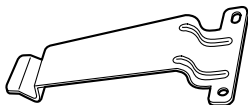
UNPACKING AND CHECKING EQUIPMENT

***Note:** The following instructions are for use by your **KENWOOD** dealer, an authorized **KENWOOD** service facility, or the factory.*

Carefully unpack the transceiver. We recommend that you identify the items listed on the following page before discarding the packing material. If any damage has occurred during shipment, file a claim with the carrier immediately.

■ Supplied Accessories

Item	Part Number	Qty.
Belt hook	J29-0624-XX	1
Screw set	N99-2012 -XX	1
Speaker-mic jacks cap	B09-0351-XX	1
Locking bracket (for speaker-mic)	J21-4493-XX	1
Warranty card	—	1
Instruction manual	B62-1129-XX	1



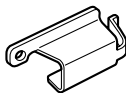
Belt hook



Speaker-mic jacks cap



Screw set



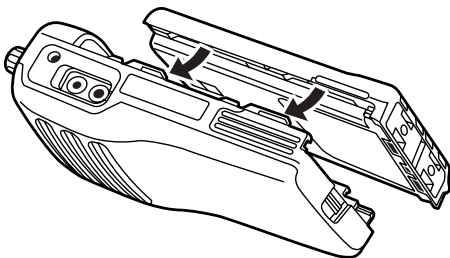
Locking bracket

PREPARATION

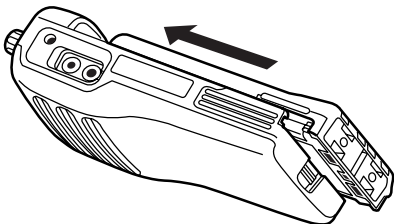
■ Installing/Removing the Optional Battery Pack

The optional KNB-14 or KNB-15A battery pack is not charged at the factory. Charge the pack before use. If after purchase or extended storage (greater than 2 months), battery capacity is found to be low, the battery pack needs recharging. Repeating the charge/discharge cycles two or three times will restore the battery to its normal capacity.

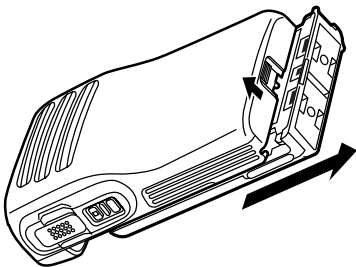
- 1 Position the four grooves on the inside edges of the battery pack over the corresponding guides on the back of the transceiver.



- 2 Slide the battery pack along the back of the transceiver until the release catch on the base of the transceiver locks the battery pack in place.



- 3 To remove the battery pack, grasp the pack near its tabs, pull back on the release catch, then slide the pack away from the transceiver.



CAUTION:

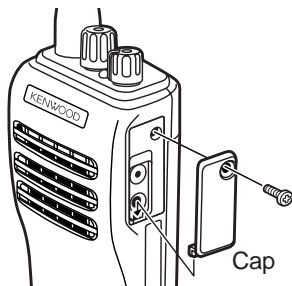
- ◆ *Do not recharge the battery pack if it is already fully charged. If you do this, you will overcharge the battery pack which may shorten its life or damage it.*
- ◆ *After recharging the battery pack, disconnect it from the charger. If, having recharged the battery pack, the power to the charger is turned off and then back on while the pack is still connected, recharging will start again and the battery pack will become overcharged.*
- ◆ *Do not short the battery pack terminals or dispose of the battery by fire. Never attempt to remove the case from the battery pack.*

■ Installing the Antenna

Holding the provided antenna at its base, screw the antenna into the connector on the top panel of the transceiver.

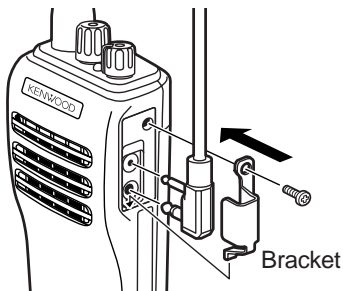
■ Installing the Cap Over the Speaker-Mic Jacks

Use the supplied screw (3 mm x 6 mm) to install the cap over the speaker-mic jacks if a speaker-microphone is not used.



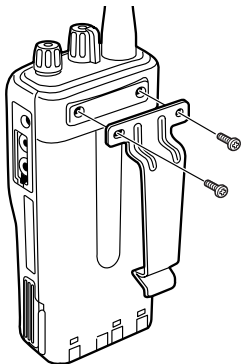
■ Installing the Speaker-Microphone

Insert the speaker-microphone plugs into the **SP/MIC** jacks. Attach the locking bracket using the supplied screw (3 mm x 6 mm).

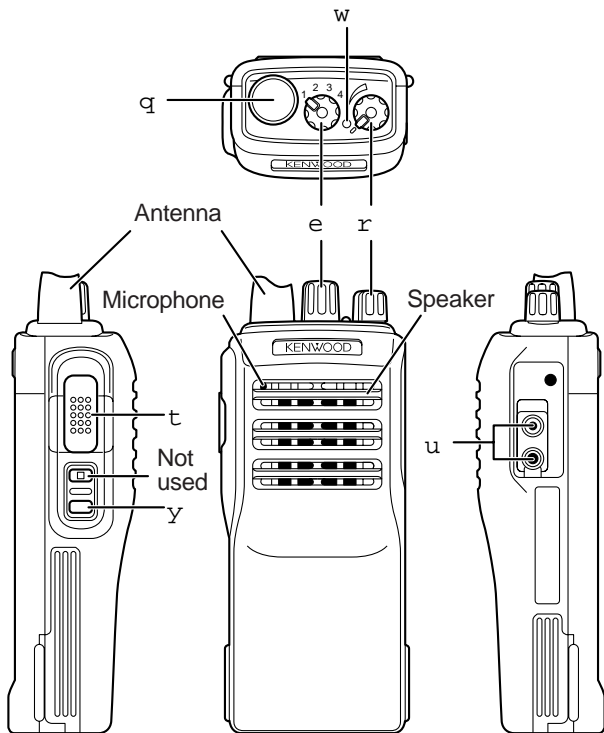


■ Installing the Belt Hook

If necessary, attach the belt hook using the two 3 mm x 8 mm screws from the supplied screw set.



GETTING ACQUAINTED



The transceiver is shown with the optional KNB-14 battery pack installed.

1 **ANTENNA connector**

Connect the supplied antenna to this connector.

2 **LED indicator**

Lights red while transmitting. Flashes red while transmitting if the battery pack voltage is low. Recharge or replace the battery pack at this time.

The LED lights green while receiving a station. The LED flashes orange if, while a channel programmed with 2-Tone signaling is selected, the same 2-Tone signaling is received as is programmed or you press and release the **[PTT]** switch. Press the **[MONI]** button to cancel the flashing state. The flashing indication only functions if your dealer activates the 2-Tone function on your transceiver.

3 **CHANNEL selector**

Turn clockwise or counterclockwise to select your desired channel from a maximum of 4 channels.

4 **POWER/VOL control**

Turn clockwise to switch ON the transceiver. Turn counterclockwise fully to switch OFF the transceiver. Also adjusts the volume level.

5 **PTT (Push-to-Talk) switch**

Press and speak into the microphone to call another station.

6 MONI button

Press to monitor activity on your selected channel.
Also used with 2-Tone Signaling to mute the speaker after this function has opened squelch.

7 Speaker-microphone jacks

If desired, connect a speaker-microphone here.

RECEIVING

Your dealer may have programmed QT, DQT, or 2-Tone signaling for the channel that you select. If so programmed, you will hear transmissions from other transceivers **IN YOUR SYSTEM ONLY!** Otherwise, you will hear **ALL TRANSMISSIONS** made by **ANY** stations using the same channel.

- 1 Switch **ON** the transceiver by turning the **POWER/VOL** control clockwise.
 - A “click” is heard. A beep also sounds if so programmed by your dealer.

To switch **OFF** the transceiver, turn the **POWER/VOL** control counterclockwise until a click is heard.

- 2 To adjust the volume, turn the **POWER/VOL** control while using **[MONI]** to listen to channel background noise.
 - While communicating with other parties, you may need to adjust the volume more precisely.
- 3 Use the **CHANNEL** selector to choose your regular operating channel.
 - Turning the selector clockwise increases the channel number and turning the selector counterclockwise decreases the channel number.
 - Non-programmed channels cannot be used. Selecting a channel that is unprogrammed generates an Alert beep.

Note:

- ◆ Your dealer selects one of four methods of operation for **[MONI]**:
 - Hold down the button to open the squelch; release the button to close the squelch, or
 - Hold down the button to deactivate QT, DQT, or 2-Tone decoding; release the button to activate decoding, or
 - Press the button to deactivate QT, DQT, or 2-Tone decoding; press the button again to activate decoding.
 - Disabled.
- ◆ If your transceiver is programmed with QT, DQT, or 2-Tone Signaling, pressing **[MONI]** will not affect output from the speaker; even at full volume there will be virtually no noise audible from the speaker.
- ◆ Receiving a signal with the same 2-Tone signaling as is programmed in your transceiver will cause the LED indicator to flash orange. An alert tone is heard if so programmed by your dealer.

CALLING

- 1 Press **[MONI]**, then listen for a few seconds to make certain that the channel is not being used.
- 2 Hold the transceiver about 3 ~ 4 cm (1 1/2 inches) from your lips, press the **[PTT]** switch, and speak in your normal speaking voice.
 - The LED lights red while you are transmitting.
- 3 Release the **[PTT]** switch to return to the receive mode.

■ Time-Out Timer (TOT)

The purpose of the time-out timer is to automatically interrupt continuous transmissions after a specified time elapses. Holding down **[PTT]** for longer than the programmed time causes the transceiver to stop transmitting and generate a warning tone. Releasing **[PTT]** cancels the warning tone.

Your dealer also can program a warning function that alerts you just before the time-out timer stops your transmission. After **[PTT]** is held down for the time specified by your dealer, a warning tone sounds that is different from the time-out timer tone.

■ Busy Channel Lockout

Activated or deactivated by your dealer, this function prevents you from interfering with other stations who may be using a channel. Pressing **[PTT]** while the selected channel is in use causes your transceiver to generate an audible warning tone. Your transceiver is inhibited in this situation so it will not transmit. Release **[PTT]** to cancel the alarm and restore the receive mode.

■ BatteryVoltageLevel

While holding down **[PTT]**, the battery voltage level is checked. When the voltage level drops to the predetermined value, the LED flashes red. When the voltage level drops further, the transceiver stops transmitting and generates an alarm. If this occurs, recharge the battery pack.

CHANNEL CHART

ModelTK- _____

Serial No.: _____

Channel	RX Freq.	TX Freq.	Encode Signaling	Decode Signaling

Dealer Name & Address:

Dealer Telephone No.:

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Date Purchased: / / _____

KENWOOD