KENWOOD

VHF TRANSCEIVER
NX-P1200NV
NX-P1200AV
NX-P1202AV
UHF TRANSCEIVER
NX-P1300NU
NX-P1300AU
NX-P1302AU

USER GUIDE

ProTalk DIGITAL
ProTalk

This User guide covers only the basic operations of your radio. For using the detailed instruction manual, refer to the following URL or QR code.

https://manual.kenwood.com/files/B5K-0787-00.pdf

JVCKENWOOD Corporation

B5A-3571-00 (K)

NOTICES TO THE USER

◆ Refer service to qualified technicians only.

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

Firmware Copyrights
The title to and ownership of copyrights for firmware embedded in KENWOOD product memories are reserved for JVCKENWOOD Corporation.

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 by the party responsible/ JVCKENWOOD. 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.

FCC LICENSE INFORMATION

Your **KENWOOD** transceiver operates on communications frequencies which are subject to FCC (Federal Communications Commission) Rules & Regulations. FCC Rules require that all operators using Private Land Mobile radio frequencies obtain a radio license before operating their equipment. Application for license must be made on FCC form 601, schedules D and H, and Remittance form 159.

FAX: Forms can be obtained by fax from the FCC Fax-On-Demand system. Call 1-202-418-0177 from your fax machine and request document number 000601 for the form, schedules, and instructions.

MAIL: Forms can be ordered by telephone, and will be sent to you by first class mail. Call the FCC Forms Hotline at 1-800-418-FORM (1-800-418-3676).

INTERNET: Form 601 and instructions can be downloaded from the FCC Forms website at http://www.fcc.gov/formpage.html

Before filling out your Form 601 application Technical Data section, you must decide on which frequencies you will operate. See the frequency charts on the detailed instruction manual.

QUESTIONS? Call the FCC for license application questions at 1-888-CALL-FCC (1-888-225-5322).

SUPPLIER'S DECLARATION OF CONFORMITY
47 CFR § 2.1077 Compliance Information
Trade name: KENWOOD
Model(s): NX-P1200NV/ NX-P1200AV/ NX-P1202AV/ NX-P1300NU/ NX-P1300AU/ NX-P1302AU
Responsible party: JVCKENWOOD USA Corporation 1440 Corporate Drive, Irving, TX 75038
Telephone number: 972-819-0700

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

For information on Li-ion 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.

The AMBE+2™ voice coding Technology embodied in this product is protected by intellectual property rights including patent rights, copyrights and trade secrets of Digital Voice Systems, Inc. This voice coding Technology is licensed solely for use within this Communications Equipment. The user of this Technology is explicitly prohibited from attempting to extract, remove, decompile, reverse engineer, or disassemble the Object Code, or in any other way convert the Object Code into a human-readable form. U.S. Patent Nos. #8,315,860, #8,595,002, #6,912,495, #8,200,497, #7,970,606, and #8,359,197.

PRECAUTIONS

Observe the following precautions to prevent fire, personal injury, and transceiver damage.
- Do not charge the transceiver and battery pack when they are wet.
- Ensure that there are no metallic items located between the transceiver and the battery pack.
- Do not use options not specified by **KENWOOD**.
- If the chassis or other transceiver part is damaged, do not touch the damaged parts.
- If a headset or earphone is connected to the transceiver, reduce the transceiver volume.
- Do not place the optional speaker/ microphone, clip mic. with earphone, or headset around your neck while near machinery that may catch the cable.
- Do not place the transceiver on unstable surfaces.
- Ensure that the end of the antenna does not touch your eyes.
- When the transceiver is used for transmission for many hours, the radiator and chassis will become hot. Do not touch these locations when replacing the battery pack.
- Always switch the transceiver power off before installing optional accessories.
- When water gets into the microphone opening or the speaker grill, the voice level may become low or distorted. Lightly shake the transceiver to remove the water from the speaker and/or microphone before operating the transceiver.
- The charger is the device that disconnects the unit from the AC mains line. The AC plug should be readily accessible.
- To dispose of batteries, be sure to comply with the laws and regulations in your country or region.

WARNING

Turn the transceiver power off before entering the following locations:
- Near explosives or blasting sites.
- In aircraft. (Any use of the transceiver must follow the instructions and regulations provided by the airline crew.)
- Where restrictions or warnings are posted regarding the use of radio devices, including but not limited to medical facilities.
- Near persons wearing pacemakers.
- In explosive atmospheres (inflammable gas, dust particles, metallic powders, grain powders, etc.).
- While pumping fuel or while parked at gasoline service stations.

CAUTION

- Do not disassemble or modify the transceiver for any reason.
- Do not place the transceiver on or near airbag equipment while the vehicle is running. When the airbag inflates, the transceiver may be ejected and strike the driver or passengers.
- Do not transmit while touching the antenna terminal or if any metallic parts are exposed from the antenna covering. Transmitting at such a time may result in a high-frequency burn.
- If an abnormal odor or smoke is detected coming from the transceiver, switch the transceiver power off immediately, remove the battery pack from the transceiver, and contact your **KENWOOD** dealer.
- Use of the transceiver while you are driving may be against traffic laws. Please check and observe the vehicle regulations in your area.
- Do not expose the transceiver to extremely hot or cold conditions.
- Do not carry the battery pack (or battery case) with metal objects, as they may short the battery terminals.
- Danger of explosion if the battery is incorrectly replaced; replace only with the same type.
- When attaching a commercial strap to the transceiver, ensure that the strap is durable. In addition, do not swing the transceiver around by the strap; you may inadvertently strike and injure another person with the transceiver.
- If a commercially available neck strap is used, take care not to let the strap get caught on nearby machine.
- When operating the transceiver in areas where the air is dry, it is easy to build up an electric charge (static electricity). When using an earphone accessory in such conditions, it is possible for the transceiver to send an electric shock through the earphone and to your ear. We recommend you use only a speaker/microphone in these conditions, to avoid electric shocks.
- Do not expose the transceiver to long periods of direct sunlight, nor place it near heating appliances.

Information concerning the battery pack

The battery pack includes flammable objects such as organic solvent. Mishandling may cause the battery to rupture producing flames or extreme heat, deteriorate, or cause other forms of damage to the battery. Please observe the following prohibitive matters.

DANGER

- **Do not disassemble or reconstruct battery.**
- **Do not short-circuit the battery.**
- **Do not incinerate or apply heat to the battery.**
- **Do not leave the battery near fires, stoves, or other heat generators (areas reaching over 80°C/ 176°F).**
- **Do not immerse the battery in water or get it wet by other means.**
- **Do not charge the battery near fires or under direct sunlight.**
- **Use only the specified charger and observe charging requirements.**
- **Do not pierce the battery with any object, strike it with an instrument, or step on it.**
- **Do not jar or throw the battery.**
- **Do not use the battery pack if it is damaged in any way.**
- **Do not solder directly onto the battery.**
- **Do not reverse the battery polarity (and terminals).**
- **Do not reverse-charge or reverse-connect the battery.**
- **Do not touch a ruptured and leaking battery.**
  If the electrolyte liquid from the battery gets into your eyes, wash your eyes out with fresh water as soon as possible, without rubbing your eyes. Go to the hospital immediately. If left untreated, it may cause eye-problems.

WARNING

- **Do not charge the battery for longer than the specified time.**
- **Do not place the battery pack into a microwave or high pressure container.**
- **Keep ruptured and leaking battery packs away from fire.**
- **Do not use an abnormal battery.**
- **Do not change or charge the battery in hazardous locations.**

RADIO FREQUENCY ENERGY SAFETY INFORMATION

This **KENWOOD** transceiver has been tested and complies with the standards listed below, in regards to Radio Frequency (RF) energy and electromagnetic energy (EME) generated by the transceiver.
- FCC RF exposure limits for Occupational Use Only. RF Exposure limits adopted by the FCC are generally based on recommendations from the National Council on Radiation Protection and Measurements, & the American National Standards Institute.
- FCC OET Bulletin 65 Edition 97-01 Supplement C
- American National Standards Institute (C95.1 – 1992)
- American National Standards Institute (C95.3 – 1992)

WARNING

This **KENWOOD** transceiver generates RF EME while transmitting. RF EME (Radio Frequency Electric & Magnetic Energy) has the potential to cause slight thermal, or heating effects to any part of your body less than the recommended distance from this radio transmitter's antenna. RF energy exposure is determined primarily by the distance to and the power of the transmitting device. In general, RF exposure is minimized when the lowest possible power is used or transmission time is kept to the minimum required for consistent communications, and the greatest distance possible from the antenna to the body is maintained. The transceiver has been designed for and is classified for Occupational Use Only. Occupational/ controlled exposure limits are applicable to situations in which persons are exposed to RF energy as a consequence of their employment, and such persons have been made aware of the potential for exposure and can exercise control over their exposure. This means you can use the transceiver only if you are aware of the potential hazards of operating a transceiver and are familiar in ways to minimize these hazards. This transceiver is not intended for use by the general public in uncontrolled environments. Uncontrolled environment exposure limits are applicable to situations in which the general public may be exposed to RF energy, or in which the persons who are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

The following list provides you with the information required to ensure that you are aware of RF exposure and of how to operate this transceiver so that the FCC RF exposure limitations are not exceeded.
- While transmitting (holding the PTT switch or speaking with VOX enabled), always keep the antenna and the radio at least 3 cm (1.18 inches) from your body or face, as well as from any bystanders. A LED on the top of the radio shows red when the transmitter is operating in both PTT and VOX modes.
- Do not transmit for more than 50% of the total transceiver use time; transmitting over 50% of the total use time may exceed the limits in accordance to the FCC RF exposure requirements. Nominal transceiver operation is 5% transmission time, 5% reception time, and 90% stand-by time.
- Use only the specified antenna for this transceiver; this may be either the antenna provided with the transceiver or another antenna authorized by **KENWOOD**.

Use only **KENWOOD** authorized accessories (antennas, battery packs, belt clips, Speaker/ Mics or headsets etc.): When worn on the body, always place the radio in a **KENWOOD** recommended clip or carrying case meant for this product. The use of other than recommended or approved body-worn accessories may result in RF exposure levels which exceed the FCC's occupational/ controlled environment RF exposure limits.

CAUTION

To ensure that your exposure to RF EME is within the FCC limits for occupational use, you must observe and adhere to the above points.

Electromagnetic Interference Compatibility
Electronic devices are susceptible to electromagnetic interference (EMI) if they are not adequately shielded or designed for electromagnetic compatibility. Because this transceiver generates RF energy, it can cause interference to such equipment.
- Turn OFF your transceiver where signs are posted to do so. Hospitals and health care facilities use equipment that is sensitive to electromagnetic radiation.
- Turn OFF your transceiver while on board an aircraft when so instructed. Use of the transceiver must be in accordance with airline regulations and/ or crew instructions.

SUPPLIED ACCESSORIES

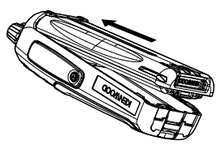
Carefully unpack the transceiver. We recommend that you identify the items listed in the following list before discarding the packing material. If any items are missing or have been damaged during shipment, file a claim with the carrier immediately.

Item	Quantity
Antenna	1
Battery charger/ AC adapter (KSC-35S)	1
Li-ion battery pack (KNB-45L)	1
Speaker/ microphone jack cap	1
Speaker/ microphone locking bracket	1
Belt clip (KBH-10)	1
Screw (M3 x 8 mm)	2
Warranty card	1
User guide	1

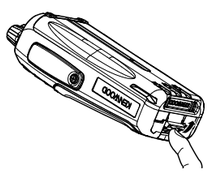
Note:
◆ For the speaker/ microphone jack, waterproof performance is guaranteed by securing the supplied cap. Waterproof performance will not be guaranteed by connecting an optional speaker/ microphone, etc.

INSTALLING/ REMOVING THE BATTERY PACK

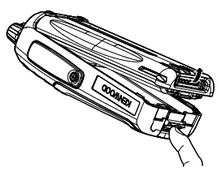
1 Align the battery pack with the back of the transceiver, then press the battery pack and transceiver firmly together until the release latch on the base of the transceiver locks.



2 To remove the battery pack, lift the safety catch on the base of the transceiver, then press the release latch underneath the safety catch.



3 While pressing the release latch, pull the battery pack away from the transceiver.



CHARGING THE BATTERY PACK

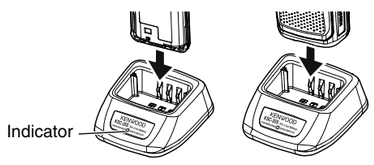
ATTENTION:

◆ Always switch OFF a transceiver equipped with a battery pack before inserting the transceiver into the charger.

1 Plug the AC adapter cable into the jack located on the rear of the charger.

2 Plug the AC adapter into an AC outlet.

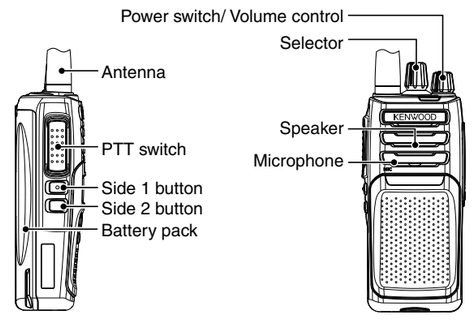
3 Slide a battery pack or a transceiver equipped with a battery pack into the charging slot of the charger.
- Make sure the metal contacts of the battery pack mate securely with the charger terminals.
- The indicator lights red and charging begins.



4 When charging is completed, the indicator flashing green. Remove the battery pack or the transceiver from the charging slot of the charger.
- It takes approximately 3 hours to charge the battery pack.
- When the charger will not be used for a long time, unplug the AC adapter from the AC outlet.

Note:
◆ When the indicator blinks red, the battery pack is either defective or the battery pack contacts are not properly mated with those of the charger.
◆ When the indicator flashes green and orange, the battery pack has not satisfied the charging start temperature. Remove the battery pack from the charger and wait until it reaches a normal temperature before charging it again.
◆ The ambient temperature should be between 5°C and 40°C (41°F and 104°F) while charging is in progress. Charging outside this range may not fully charge the battery.
◆ The battery pack life is over when its operating time decreases even though it is fully and correctly charged. Replace the battery pack.

BASIC OPERATION



SWITCHING POWER ON/OFF

Turn the **Power switch/ Volume control** clockwise to switch the transceiver ON.

Turn the **Power switch/ Volume control** counterclockwise fully to switch the transceiver OFF.

ADJUSTING THE VOLUME

Rotate the **Power switch/ Volume control** to adjust the volume. Clockwise increases the volume and counterclockwise decreases it.

SELECTING A ZONE

Press and hold the **Side 1 button** (Zone Up) or **Side 2 button** (Zone Down) for 1 second to change the Zone (1 ~ 4).

SELECTING A CHANNEL

Rotate the **Selector** to select your desired channel.

TRANSMITTING

1 Select the desired channel.

2 Press the **PTT switch** and speak to the microphone. Release the **PTT switch** to receive.
- For best sound quality, hold the transceiver approximately 1.5 inches (3 ~ 4 cm) from your mouth.

RECEIVING

Select the desired channel. If signaling is configured on the selected channel, you will hear a call only if the received signal matches your transceiver settings.

DEFAULT CHANNEL SETTINGS

These transceivers allows you to reprogram each of the channels with different frequencies and QT/DQT (Analog)/ RAN (NXDN Digital) settings. The table below lists the default channel settings.

Note:
◆ The default setting of the zone differs depending on each model. For compatible KENWOOD models of each zone, refer to the detailed instruction manual.

NX-P1200NV (NXDN/ Analog Transceiver)

Channel Number	Zone 1/ Zone 2 (Analog)		Zone 3/ Zone 4 (Digital)	
	Frequency (MHz)	QT (Hz)	Frequency (MHz)	RAN
1	151.6250	67.0	151.6250	1
2	151.6250	77.0	151.6250	2
3	151.6250	88.5	151.6250	3
4	151.6250	179.9	151.6250	4
5	151.6250	100.0	151.6250	5
6	151.9550	67.0	151.9550	1
7	151.9550	82.5	151.9550	2
8	151.9550	94.8	151.9550	3
9	151.9550	179.9	151.9550	4
10	151.9550	100.0	151.9550	5
11	154.4900	67.0	154.4900	1
12	154.5150	67.0	154.5150	1
13	151.5125	67.0	151.5125	1
14	151.6850	67.0	151.6850	1
15	151.7000	67.0	151.7000	1
16	151.7600	67.0	151.7600	1

NX-P1200AV (Analog Transceiver)

Channel Number	Zone 1 ~ Zone 4	
	Frequency (MHz)	QT (Hz)
1	151.6250	67.0
2	151.6250	77.0
3	151.6250	88.5
4	151.6250	179.9
5	151.6250	100.0
6	151.9550	67.0
7	151.9550	82.5
8	151.9550	94.8
9	151.9550	179.9
10	151.9550	100.0
11	154.4900	67.0
12	154.5150	67.0
13	151.5125	67.0
14	151.6850	67.0
15	151.7000	67.0
16	151.7600	67.0

NX-P1202AV (Analog Transceiver)

Channel Number	Zone 1		Zone 2 ~ Zone 4	
	Frequency (MHz)	QT (Hz)	Frequency (MHz)	QT (Hz)
1	154.4900	67.0	151.6250	67.0
2	154.5150	67.0	151.6250	77.0
3	151.6250	67.0	151.6250	88.5
4	151.9550	67.0	151.6250	179.9
5	151.5125	67.0	151.6250	100.0
6	151.6850	67.0	151.9550	67.0
7	151.7750	67.0	151.9550	82.5
8	158.4000	67.0	151.9550	94.8
9	151.6250	77.0	151.9550	179.9
10	151.6250	88.5	151.9550	100.0
11	151.6250	179.9	154.4900	67.0
12	151.9550	82.5	154.5150	67.0
13	151.9550	94.8	151.5125	67.0
14	151.9550	179.9	151.6850	67.0
15	151.7000	67.0	151.7000	67.0
16	151.7600	67.0	151.7600	67.0

NX-P1300NU (NXDN/ Analog Transceiver)

Channel Number	Zone 1/ Zone 2 (Analog)		Zone 3 (Digital)		Zone 4 (Digital)	
	Frequency (MHz)	QT (Hz)	Frequency (MHz)	RAN	Frequency (MHz)	RAN
1	464.5000	67.0	464.5000	1	464.5500	1
2	464.5000	77.0	464.5000	2	467.9250	1
3	464.5000	88.5	464.5000	3	461.0375	1
4	464.5000	179.9	464.5000	4	461.0625	1
5	464.5000	100.0	464.5000	5	461.0875	1
6	464.5500	67.0	464.5500	1	461.1125	1
7	464.5500	82.5	464.5500	2	461.1375	1
8	464.5500	94.8	464.5500	3	461.1625	1
9	464.5500	179.9	464.5500	4	464.5000	1
10	464.5500	100.0	464.5500	5	467.7625	1
11	461.3625	74.4	461.3625	1	467.8125	1
12	464.4875	79.7	464.4875	1	467.8500	1
13	464.5375	85.4	464.5375	1	467.8750	1
14	466.0375	91.5	466.0375	1	467.9000	1
15	466.0875	97.4	466.0875	1	461.1875	1
16	466.1375	103.5	466.1375	1	461.2125	1

NX-P1300AU (Analog Transceiver)

Channel Number	Zone 1 ~ Zone 4	
	Frequency (MHz)	QT (Hz)
1	464.5000	67.0
2	464.5000	77.0
3	464.5000	88.5
4	464.5000	179.9
5	464.5000	100.0
6	464.5500	67.0
7	464.5500	82.5
8	464.5500	94.8
9	464.5500	179.9
10	464.5500	100.0
11	461.3625	74.4
12	464.4875	79.7
13	464.5375	85.4
14	466.0375	91.5
15	466.0875	97.4
16	466.1375	103.5

NX-P1302AU (Analog Transceiver)

Channel Number	Zone 1		Zone 2 ~ Zone 4	
	Frequency (MHz)	QT (Hz)	Frequency (MHz)	QT (Hz)
1	464.5500	67.0	464.5000	67.0
2	467.9250	67.0	464.5000	77.0
3	461.0375	67.0	464.5000	88.5
4	461.0625	67.0	464.5000	179.9
5	461.0875	67.0	464.5000	100.0
6	461.1125	67.0	464.5500	67.0
7	461.1375	67.0	464.5500	82.5
8	461.1625	67.0	464.5500	94.8
9	464.5000	67.0	464.5500	179.9
10	467.7625	67.0	464.5500	100.0
11	467.8125	67.0	461.3625	74.4
12	467.8500	67.0	464.4875	79.7
13	467.8750	67.0	464.5375	85.4
14	467.9000	67.0	466.0375	91.5
15	461.1875	67.0	466.0875	97.4
16	461.2125	67.0	466.1375	103.5

KENWOOD

TRANSCEPTOR VHF

NX-P1200NV
NX-P1200AV
NX-P1202AV

TRANSCEPTOR UHF

NX-P1300NU
NX-P1300AU
NX-P1302AU

GUÍA DEL USUARIO

ProTalk DIGITAL
ProTalk

Este Guía del usuario sólo cubre las operaciones básicas de su radio. Para ver el manual de instrucciones detallado, consulte el siguiente URL o código QR.

https://manual.kenwood.com/files/B5K-0787-00.pdf

JVCKENWOOD Corporation

AVISOS AL USUARIO

◆ Solicite la reparación solamente a un técnico cualificado.

Seguridad: Es importante que el operador conozca y entienda los peligros comunes derivados del uso de cualquier transceptor.

INFORMACIÓN SOBRE CONCESIÓN DE LICENCIA DE LA FCC

Su transceptor **KENWOOD** funciona en frecuencias de comunicación sujetas a la Normativa y Reglamento de la FCC (Federal Communications Commission). El Reglamento de la FCC exige que todos los operadores que utilizan radiofrecuencias móviles terrestres privadas deben solicitar una licencia de radio antes de utilizar su equipo. La solicitud de dicha licencia debe realizarse a través del modelo 601 de la FCC, anexos D y H, y el modelo de Pago (Remittance) 159.

FAX: Los modelos se pueden solicitar por fax al sistema de Fax On Demand de la FCC. Marque el 1-202-418-0177 desde su aparato de fax y solicite el número de documento 000601 para recibir el modelo, anexos e instrucciones.

CORREO: Los modelos se pueden solicitar por teléfono y se le remitirá por correo preferente. Llame a la Línea Directa de solicitud Modelos de la FCC al 1-800-418-FORM (1-800-418-3676).

INTERNET: El Modelo 601 y las instrucciones se pueden descargar del sitio Web de la FCC en la siguiente dirección:

http://www.fcc.gov/formpage.html

Antes de rellenar la sección de datos técnicos del Modelo de solicitud 601, debe decidir en qué frecuencias desea comunicarse. Consulte los cuadros de frecuencias del manual de instrucciones detallado.

¿PREGUNTAS? Si tiene alguna duda sobre la solicitud de la licencia, llame a la FCC al 1-888-CALL-FCC (1-888-225-5322).

PRECAUCIONES

Respete las siguientes precauciones para evitar incendios, lesiones personales y daños en el transceptor.

- No cargue el transceptor ni la batería si están mojados.
- Compruebe que no haya ningún objeto metálico interpuesto entre el transceptor y la batería.
- No utilice opciones no indicadas por **KENWOOD**.
- Si el chasis de fundición u otra pieza del transceptor resulta dañada, no toque ninguna de dichas piezas.
- Si conecta un casco o auricular al transceptor, reduzca el volumen del aparato. Tenga cuidado con al nivel cuando desactive el silenciador.
- No líe el cable del micrófono alrededor del cuello cuando esté cerca de máquinas que pudieran atrapar el cable.
- No coloque el transceptor sobre superficies inestables.
- Asegúrese de que el extremo de la antena no le roce los ojos.
- Cuando utilice el transceptor para transmisiones prolongadas, el radiador y el chasis se recalentarán. No toque estos puntos al cambiar la batería.
- Apague el transceptor antes de instalar los accesorios opcionales.
- Si penetra agua en la apertura del micrófono o por la parilla del altavoz, el nivel de voz podría quedar distorsionado o reducido. Agite suavemente el transceptor para eliminar el agua del altavoz y/o del micrófono antes de utilizar el transceptor.
- El cargador es el dispositivo que desconecta la unidad de la red eléctrica de CA. El enchufe de CA debe estar fácilmente accesible.
- A la hora de desechar las pilas, asegúrese de cumplir con las normas y regulaciones de su país o región.

⚠ ADVERTENCIA

Apague el transceptor antes de entrar en las siguientes ubicaciones:

- Apague el transceptor en los siguientes lugares:
- En aeronaves. (El uso que se haga del transceptor deberá ajustarse en todo momento a las instrucciones y normativa que indique la tripulación de la aeronave.)
- Cuando existan carteles de restricción o de advertencia sobre el uso de aparatos de radio, como pudiera ser en centros hospitalarios, entre otros.
- Cerca de personas con marcapasos.
- En atmósferas explosivas (gas inflamable, partículas de polvo, polvos metálicos, polvos de grano, etc.).
- Mientras reposta combustible o está aparcado en estaciones de servicio.

⚠ PRECAUCIÓN

- No desmonte ni modifique el transceptor bajo ningún concepto.
- No coloque el transceptor encima o cerca de un sistema de bolsa de aire (airbag) con el vehículo en marcha. Al inflarse la bolsa de aire, el transceptor puede salir expulsado y golpear al conductor o a los pasajeros.
- No transmita tocando el terminal de la antena o si sobresale alguna pieza metálica del recubrimiento de la antena. Si transmite en ese momento, podría sufrir una quemadura por alta frecuencia.
- Si detecta un olor anormal o humo procedente del transceptor, apáguelo, retire la batería y póngase en contacto con su proveedor **KENWOOD**.
- El uso del transceptor mientras conduce puede infringir las leyes de tráfico. Consulte y respete el reglamento de tráfico de su país.
- No someta el transceptor a temperaturas extremadamente altas o bajas.
- No transporte la batería (o el porta pilas) con objetos metálicos, ya que estos podrían producir un cortocircuito con los terminales de la batería.
- Peligro de explosión si la batería se cambia incorrectamente; cámbiela únicamente por otra del mismo tipo.
- Al instalar una correa comercial al transceptor, asegúrese de que la correa sea duradera. Además, no balancee el transceptor por la correa; podría golpear accidentalmente y lesionar a otra persona con el transceptor.
- Si se usa una correa para el cuello disponible comercialmente, tenga cuidado de no dejar que la correa quede atrapada en una máquina cercana.
- Cuando utilice el transceptor en zonas donde el aire sea seco, es fácil que se acumule carga eléctrica (electricidad estática). Cuando utilice un auricular accesorio en estas condiciones, es posible que reciba una descarga eléctrica en el oído, a través del auricular, procedente del transceptor. Para evitar descargas eléctricas, le recomendamos que en estas circunstancias utilice exclusivamente un micrófono/ altavoz.
- No exponga el transceptor a la luz directa del sol durante periodos de tiempo prolongados, ni lo coloque cerca de calefactores.

Información sobre la batería

La batería contiene objetos inflamables, como disolvente orgánico. Su uso inapropiado puede hacer que la batería se rompa y se incendie o genere calor extremo, que se deteriore o se produzcan otros tipos de daños a la batería. Observe las siguientes prohibiciones.

⚠ PELIGRO

- **¡No desmonte o reconstruya la batería!**
- **¡No cortocircuite la batería!**
- **¡No arroje la batería al fuego ni le aplique calor!**
- **¡No deje la batería cerca del fuego, estufas, u otros generadores de calor (zonas por encima de 80°C/ 176°F)!**
- **¡No sumerja la batería en agua o deje que se moje de ningún otro modo!**
- **¡No cargue la batería cerca del fuego o bajo la luz directa del sol!**
- **¡Utilice únicamente el cargador especificado y observe los requisitos de carga!**
- **¡No perfore o golpee la batería con ningún objeto, ni tampoco la pise!**
- **¡No golpee ni tire la batería!**
- **¡No utilice la batería si presenta algún tipo de daño!**
- **¡No suelde nada directamente a la batería!**
- **¡No invierta la polaridad de la batería (ni los terminales)!**
- **¡No cargue o conecte la batería de forma invertida!**
- **¡No toque la batería si está rota y tiene fugas!**
  Si el líquido electrolito de la batería llegara a entrarle en los ojos, láveselos con agua fresca lo antes posible, sin frotarlos. Vaya al hospital inmediatamente. Si no se trata, podría causar problemas a la vista.

⚠ ADVERTENCIA

- **¡No cargue la batería durante más tiempo del indicado!**
- **¡No coloque la batería dentro de un horno microondas o un recipiente de alta presión!**
- **¡Mantenga las baterías perforadas y con fugas lejos del fuego!**
- **¡No utilice una batería que presente anomalías!**
- **¡No cambie o cargue la batería en ambientes peligrosos!**

ACCESORIOS SUMINISTRADOS

Desembale el transceptor con cuidado. Recomendamos que identifique los artículos enumerados en la lista siguiente antes de desechar el material de embalaje Si falta o ha resultado dañado algún artículo, presente inmediatamente una reclamación a la empresa de transporte.

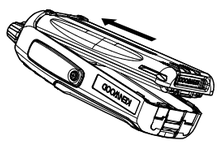
Artículo	Cantidad
Antena	1
Cargador de la batería/ Adaptador de CA (KSC-35S)	1
Batería de iones de litio (KNB-45L)	1
Tapa del conector del altavoz/ micrófono	1
Soporte del bloqueo del altavoz/ micrófono	1
Gancho para cinturón (KBH-10)	1
Tornillo (M3 x 8 mm)	2
Tarjeta de garantía	1
Guía del usuario	1

Nota:

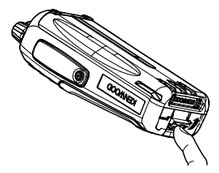
◆ Para el conector del altavoz/ micrófono, el rendimiento de la impermeabilidad está garantizado mediante la fijación de la tapa suministrada. El rendimiento de la impermeabilidad no estará garantizado si conecta un altavoz/ micrófono opcional, etc.

INSTALACIÓN/ EXTRACCIÓN DE LA BATERÍA

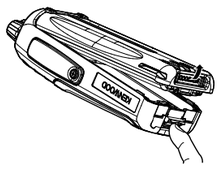
1 Alinee la batería con la parte posterior del transceptor, y luego apriete la batería y el transceptor fuertemente hasta que la pestaña de liberación situada en la parte inferior del transceptor chasquee.



2 Para extraer la batería, suba el cierre de seguridad situado en la base del transceptor y luego presione la pestaña de liberación situada debajo de dicho cierre.



3 Mientras presiona la pestaña de liberación, separe la batería del transceptor.



CARGA DE LA BATERÍA

ATENCIÓN:

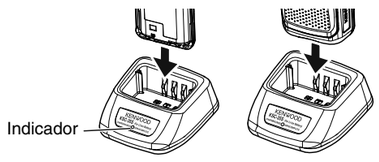
◆ Desconecte siempre el transceptor equipado con batería antes de insertarlo en el cargador.

1 Enchufe el cable del adaptador de CA en el jack situado en la parte posterior del cargador.

2 Enchufe el adaptador de CA en la toma de CA.

3 Introduzca en la ranura de carga la batería o un transceptor equipado con una batería.

- Asegúrese de que los contactos metálicos de la batería se acoplen firmemente con los terminales del cargador.
- El indicador se ilumina de color rojo y comienza la carga.



4 Una vez finalizada la carga, el indicador parpadea en verde. Retire la batería o el transceptor de la ranura de carga del cargador.

- La batería tarda 3 horas aproximadamente en cargarse.
- Cuando no se vaya a utilizar el cargador durante un tiempo prolongado, desenchufe el adaptador de CA de la toma de CA.

Nota:

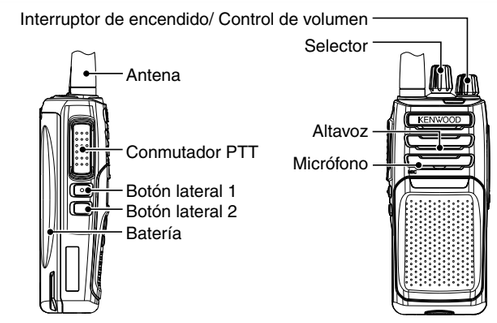
◆ Cuando el indicador parpadea de color rojo, la batería está defectuosa o los contactos no están bien acoplados a los del cargador.

◆ Cuando el indicador parpadea en vede y naranja, la temperatura de la batería no se ajusta a la temperatura de inicio de carga. Retire la batería del cargador y espere hasta que se alcance una temperatura normal antes de cargarla de nuevo.

◆ Durante el proceso de carga, la temperatura ambiente debe ser de 5°C a 40°C (de 41°F a 104°F). Si la carga se realiza fuera de este rango de temperaturas, es posible que la batería no se cargue por completo.

◆ La vida útil de la batería termina cuando disminuye el tiempo de funcionamiento aunque se haya cargado de forma correcta y completa. Reemplace la batería.

OPERACIONES BÁSICAS



ENCENDIDO Y APAGADO

Gire el **Interruptor de encendido/ Control de volumen** hacia la derecha para encender el transceptor.

Gire el **Interruptor de encendido/ Control de volumen** completamente hacia la izquierda para apagar el transceptor.

AJUSTE DEL VOLUMEN

Gire el **Interruptor de encendido/ Control de volumen** para ajustar el volumen.

Hacia la derecha aumenta el nivel de volumen y hacia la izquierda, lo reduce.

SELECCIONAR UNA ZONA

Mantenga pulsado el **Botón lateral 1** (Zona arriba) o **Botón lateral 2** (Zona abajo) durante 1 segundo para cambiar la zona (1 ~ 4).

SELECCIÓN DE UN CANAL

Rote el **Selector** para seleccionar el canal deseado.

TRANSMISIÓN

1 Seleccione la zona y el canal deseados.

2 Presione el **Conmutador PTT** y hable al micrófono. Suelte el **Conmutador PTT** para recibir.

- Para obtener una calidad de sonido optima, sujete el transceptor a 3 ó 4 cm de la boca.

RECEPCIÓN

Seleccione la zona y el canal deseados. Si se ha programado la función de señalización en el canal seleccionado, sólo oirá las llamadas en las que la señal recibida coincida con la configuración del transceptor.

AJUSTES DE CANAL PREDETERMINADOS

Estos transceptores le permiten reprogramar cada uno de los canales con distintes frecuencias y ajustes de QT/DQT (Analógico)/ RAN (NXDN digital). En la siguiente tabla se recogen los ajustes de canal predeterminados.

Nota:

◆ La configuración predeterminada de la zona difiere según cada modelo. Para los modelos KENWOOD compatibles de cada zona, consulte el manual de instrucciones detallado.

NX-P1200NV (Transceptor NXDN/ analógico)

Número de canal	Zona 1/ Zona 2 (Analógica)		Zona 3/ Zona 4 (Digital)	
	Frecuencia (MHz)	QT (Hz)	Frecuencia (MHz)	RAN
1	151,6250	67,0	151,6250	1
2	151,6250	77,0	151,6250	2
3	151,6250	88,5	151,6250	3
4	151,6250	179,9	151,6250	4
5	151,6250	100,0	151,6250	5
6	151,9550	67,0	151,9550	1
7	151,9550	82,5	151,9550	2
8	151,9550	94,8	151,9550	3
9	151,9550	179,9	151,9550	4
10	151,9550	100,0	151,9550	5
11	154,4900	67,0	154,4900	1
12	154,5150	67,0	154,5150	1
13	151,5125	67,0	151,5125	1
14	151,6850	67,0	151,6850	1
15	151,7000	67,0	151,7000	1
16	151,7600	67,0	151,7600	1

NX-P1200AV (Transceptor analógico)

Número de canal	Zona 1 ~ Zona 4	
	Frecuencia (MHz)	QT (Hz)
1	151,6250	67,0
2	151,6250	77,0
3	151,6250	88,5
4	151,6250	179,9
5	151,6250	100,0
6	151,9550	67,0
7	151,9550	82,5
8	151,9550	94,8
9	151,9550	179,9
10	151,9550	100,0
11	154,4900	67,0
12	154,5150	67,0
13	151,5125	67,0
14	151,6850	67,0
15	151,7000	67,0
16	151,7600	67,0

NX-P1202AV (Transceptor analógico)

Número de canal	Zona 1		Zona 2 ~ Zona 4	
	Frecuencia (MHz)	QT (Hz)	Frecuencia (MHz)	QT (Hz)
1	154,4900	67,0	151,6250	67,0
2	154,5150	67,0	151,6250	77,0
3	151,6250	67,0	151,6250	88,5
4	151,9550	67,0	151,6250	179,9
5	151,5125	67,0	151,6250	100,0
6	151,6850	67,0	151,9550	67,0
7	151,7750	67,0	151,9550	82,5
8	158,4000	67,0	151,9550	94,8
9	151,6250	77,0	151,9550	179,9
10	151,6250	88,5	151,9550	100,0
11	151,6250	179,9	154,4900	67,0
12	151,9550	82,5	154,5150	67,0
13	151,9550	94,8	151,5125	67,0
14	151,9550	179,9	151,6850	67,0
15	151,7000	67,0	151,7000	67,0
16	151,7600	67,0	151,7600	67,0

NX-P1300NU (Transceptor NXDN/ analógico)

Número de canal	Zona 1/ Zona 2 (Analógica)		Zona 3 (Digital)		Zona 4 (Digital)	
	Frecuencia (MHz)	QT (Hz)	Frecuencia (MHz)	RAN	Frecuencia (MHz)	RAN
1	464,5000	67,0	464,5000	1	464,5500	1
2	464,5000	77,0	464,5000	2	467,9250	1
3	464,5000	88,5	464,5000	3	461,0375	1
4	464,5000	179,9	464,5000	4	461,0625	1
5	464,5000	100,0	464,5000	5	461,0875	1
6	464,5500	67,0	464,5500	1	461,1125	1
7	464,5500	82,5	464,5500	2	461,1375	1
8	464,5500	94,8	464,5500	3	461,1625	1
9	464,5500	179,9	464,5500	4	464,5000	1
10	464,5500	100,0	464,5500	5	467,7625	1
11	461,3625	74,4	461,3625	1	467,8125	1
12	464,4875	79,7	464,4875	1	467,8500	1
13	464,5375	85,4	464,5375	1	467,8750	1
14	466,0375	91,5	466,0375	1	467,9000	1
15	466,0875	97,4	466,0875	1	461,1875	1
16	466,1375	103,5	466,1375	1	461,2125	1

NX-P1300AU (Transceptor analógico)

Número de canal	Zona 1 ~ Zona 4	
	Frecuencia (MHz)	QT (Hz)
1	464,5000	67,0
2	464,5000	77,0
3	464,5000	88,5
4	464,5000	179,9
5	464,5000	100,0
6	464,5500	67,0
7	464,5500	82,5
8	464,5500	94,8
9	464,5500	179,9
10	464,5500	100,0
11	461,3625	74,4
12	464,4875	79,7
13	464,5375	85,4
14	466,0375	91,5
15	466,0875	97,4
16	466,1375	103,5

NX-P1302AU (Transceptor analógico)

Número de canal	Zona 1		Zona 2 ~ Zona 4	
	Frecuencia (MHz)	QT (Hz)	Frecuencia (MHz)	QT (Hz)
1	464,5500	67,0	464,5000	67,0
2	467,9250	67,0	464,5000	77,0
3	461,0375	67,0	464,5000	88,5
4	461,0625	67,0	464,5000	179,9
5	461,0875	67,0	464,5000	100,0
6	461,1125	67,0	464,5500	67,0
7	461,1375	67,0	464,5500	82,5
8	461,1625	67,0	464,5500	94,8
9	464,5000	67,0	464,5500	179,9
10	467,7625	67,0	464,5500	100,0
11	467,8125	67,0	461,3625	74,4
12	467,8500	67,0	464,4875	79,7
13	467,8750	67,0	464,5375	85,4
14	467,9000	67,0	466,0375	91,5
15	461,1875	67,0	466,0875	97,4
16	461,2125	67,0	466,1375	103,5