

TRANSCEIVER

NX-1000 series

USER GUIDE

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



https://manual.kenwood.com/files/B5K-0708-00.pdf

JVCKENWOOD Corporation

B5A-3227-10 (X, M, C)



NOTICES TO THE USER

- ◆ Government law prohibits the operation of unlicensed radio transmitters within the territories under government control.
- ◆ Illegal operation is punishable by fine and/or imprisonment.
- ◆ 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.

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.

Firmware Copyrights

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

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.
- The charger is the device that disconnects the unit from the AC mains line. The AC plug should be readily accessible.
- When water gets into the microphone opening or the speaker grill, the voice level of the transmit and receive may become low or distorted. Lightly shake the transceiver to remove the water from the speaker and/or microphone before operating the transceiver.
- 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 (flammable 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.**



DANGER

- **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.**

NOTIFICATION OF IP67 WATER-RESISTANT MODEL (X2/X5/M/M3/M4 types)

Water Resistance and Maintenance

Water-Resistant Model transceiver conforms to the following standards. IP67: The IP standard is the protection level specified by the international standard IEC 60529. The first numeral indicates the “dust-resistant level” and the second numeral indicates the “water-resistant” level.

Note:

- ◆ Initial water-resistant tests and procedures are performed products upon being ordered from JVCKENWOOD.

PRECAUTIONS

- The applicable standards listed above do not assure that the transceiver can be used in water. The transceiver may be damaged in a situation in which the maximum depth is over 1 meter or the maximum submersion time exceeds 30 minutes.
- Observe the following precautions to maintain the transceiver’s water resistant performance:
 - a) Do not drop or apply strong physical shocks to the transceiver.
 - b) Do not disassemble or attempt to modify the transceiver. (If it is disassembled or modified, its performance is not guaranteed.)
 - c) Do not soak the transceiver in water that contains a solvent or surfactant, such as detergent or alcohol.
- If it is soaked in muddy water or salt water (including sea water), it may become corroded. Immediately flush with fresh water and then wipe dry with a soft cloth.
- If water is splashed onto the microphone, the battery, or the antenna terminal, clean and dry them with a soft cloth before reconnecting to the transceiver.
- Use of any option on the transceiver not specified by JVCKENWOOD, may reduce or void the water resistant and dust resistant performance.

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
Li-ion battery pack (KNB-84L) *	1
Speaker/ microphone jack cap	1
Speaker/ microphone locking bracket	1
Belt clip (KBH-10)	1
Screw (M3 x 8 mm)	2
User guide	1

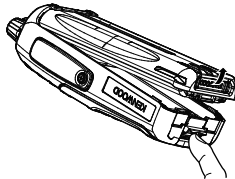
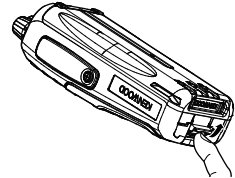
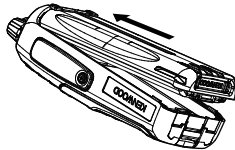
*: Standard Button Model (X2/X5 types) only

Note:

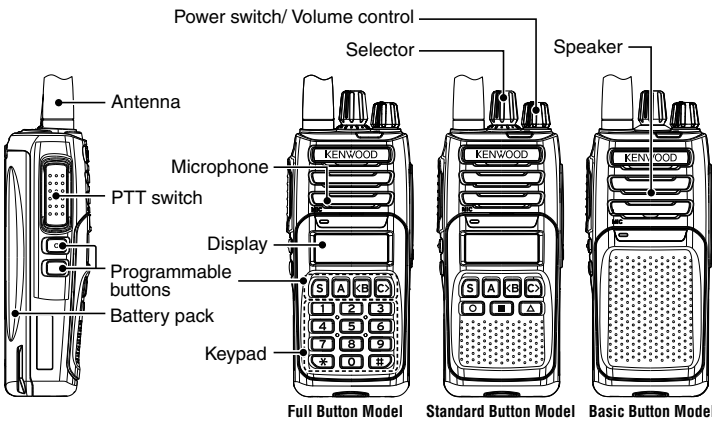
- ◆ For the speaker/ microphone jack, waterproof performance is guaranteed by securing the supplied cap. Waterproof performance will not be guaranteed by connecting an optional speaker/ microphone, etc.

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.



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 AND CHANNEL

Select the desired zone using the buttons programmed as **[Zone Up]/ [Zone Down]**. Each zone contains a group of channels.

Select the desired channel using the **Selector** or the buttons programmed as **[Channel Up]/ [Channel Down]**. Each channel is programmed with settings for transmitting and receiving.

TRANSMITTING

- 1 Select the desired zone and channel.
- 2 Press the button programmed as **[Monitor]** or **[Squelch Off]** to check whether or not the channel is free.
 - If the channel is busy, wait until it becomes free.
- 3 Press the **PTT switch** and speak to the microphone. Release the **PTT switch** to receive.
 - For best sound quality, hold the transceiver approximately 3 ~ 4 cm (1.5 inches) from your mouth.

RECEIVING

Select the desired zone and channel. If signaling has been programmed on the selected channel, you will hear a call only if the received signal matches your transceiver settings.

Note:

- ◆ The handling models are different according to the sales country.

手持对讲机

NX-1000 系列

用户指南

型号: NX-1200N / NX-1300N
NX-1200D / NX-1300D
NX-1208N-C / NX-1308N-C/ NX-1308N-C3

本用户指南只涵盖了您对讲机的基本操作。关于使用说明书(用户手册)的使用详情, 请参阅以下URL或QR码。



<https://manual.kenwood.com/files/B5K-0708-00.pdf>

JVC 建伍株式会社

用户注意事项

- ◆ 政府法律禁止在政府控制的区域内使用未经当局许可的无线电发射机。
- ◆ 非法使用将会受到罚款或监禁处罚。
- ◆ 只能由有资格的技术人员进行维修。

安全性: 操作人员应该知道并了解对讲机操作的一般危险。


本产品所包含的AMBE+2™ 语音编码技术受Digital Voice System, Inc. 知识产权(包括专利权、版权和贸易机密) 的保护。该语音编码技术仅许可用于本通信设备。该技术的使用人员明确禁止尝试提取、移除、破译、反向编译或拆除目标代码, 或以其他方式将目标代码转换为人類可读形式。美国专利编号 #8,315,860、 #8,595,002、 #6,912,495、 #8,200,497、 #7,970,606和#8,359,197。

型号核准代码是印在铭牌上。

产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
框架	X	○	○	X	○	○
安装基板	X	○	○	○	○	○
电缆	○	○	○	○	○	○
扬声器	○	○	○	X	○	○
其他(附件)	X	○	○	X	○	○

本表格依据 SJ/T 11364 的规定编制。
○：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
×：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。



环保使用期限

此图标表示了中华人民共和国的法律所规定的环保使用期限。只要用户在使用本产品时遵守注意事项中的各项规定，从制造日期开始到此图标标出的期限为止（环保使用期限）既不会污染环境也不会产生对人体有害的物质。

固件版权
JVC建伍公司保留建伍产品存储器内嵌固件的产权和版权的所有权。

注意事项

请遵照以下注意事项，以防止火灾、人身伤害和通信机损坏。

- 对讲机和电池潮湿时请勿对其充电。
- 对讲机和电池之间应确保无金属物品。
- 请勿使用非 KENWOOD 指定的选件。
- 如果压铸底盘和对讲机的其他部件损坏，请勿接触损坏的部件。
- 如果头戴式耳麦或耳机连接到对讲机上，请减小对讲机的音量。
- 靠近各种机械和电器时，请勿将麦克风电缆挂在颈部周围，因为机械和电器可能会使电缆缠住。
- 请勿将对讲机放置在不稳定的表面上。
- 应确保天线的末端不会碰到您的眼睛。
- 对讲机长时间用于发射时，散热器和底座会变热。更换电池时，请勿接触这些位置。
- 安装选件前，一定要关闭对讲机的电源。
- 充电器是将装置与交流电源线断开的设备。应随时提供交流插头。
- 当水进入麦克风开口或扬声器格栅时，发射和接收的语音声级可能变低或失真。在操作对讲机之前，轻轻摇动对讲机，去除扬声器和 / 或麦克风中的水。
- 若处理电池，一定要符合您所在国家或地区的法律和法规。

警告

在下列场合要关闭对讲机的电源：

- 在易爆场所附近。
- 在飞机上。（对讲机的使用必须遵循机组人员的指示和规定。）
- 在粘贴有关于无线电设备的限制或警告的场合，包括但不限于医疗设施。
- 在使用心脏起搏器的人员附近。
- 易爆环境（易燃气体、粉尘、金属粉末以及粒状粉末等）。
- 加油时或停在加油站时。

注意

- 请勿因任何理由拆卸或改装对讲机。
- 汽车正在行驶时，请勿将对讲机放在安全气囊上或其附近。安全气囊打开时，对讲机可能会弹出，击中驾驶员或乘客。
- 当接触天线端时或天线罩露出任何金属部件时，请勿发射。此时发射可能会引起高频灼伤。
- 如果对讲机发出异常气味或冒烟，请立即关闭对讲机的电源，从对讲机中取出电池，并与 KENWOOD 经销商联系。
- 驾车时使用对讲机可能违反交通方面的法律。请查阅并遵守您所在地区的驾车法规。
- 请勿将对讲机暴露于极热或极冷的气候条件下。
- 驾车时使用对讲机可能违反交通方面的法律。请查阅并遵守您所在地区的驾车法规。
- 请勿将对讲机暴露于极热或极冷的气候条件下。
- 请勿将电池（或电池盒）与金属物体放在一起携带，因为金属物体可能会使电池端子短路。
- 如果更换的电池不正确，会有爆炸的危险。请务必更换相同类型的电池。
- 对讲机安装了市场销售的条带时，请不要拿着条带挥舞对讲机。打着人可能会造成伤害，碰着物品可能损坏对讲机。
- 如果使用市售的颈带，小心不要让带子夹在附近的机器上。
- 在空气干燥地区操作对讲机时容易产生电荷（静电）。当在这样的情况下使用耳机附件时，可能会使对讲机通过耳机与您的耳朵之间发生放电。在这种场合下我们建议您只使用扬声器 / 麦克风，以避免放电。
- 切勿将收发器长时间暴露在阳光直射的地方，也不要将其放置在加热设备附近。

有关电池组的信息

电池含有有机溶剂等易燃物体。错误操作可能会造成电池裂开，从而着火或产生过热，使电池失效或造成电池其它形式的损坏。

危险

- 请勿拆卸或改造电池。
- 请勿造成电池短路。
- 请勿焚烧或加热电池。
- 请勿将电池放置在火、炉或其他发热器附近 (达到 80℃ 以上的区域) 或在上述环境下使用电池。
- 避免将电池浸入水中或通过其他方式将其弄湿。
- 请勿在炉火或直接阳光照射下给电池充电。
- 仅使用规定的充电器并遵守充电要求。
- 请勿用任何物体刺入电池、用工具打击或踩踏电池。
- 请勿震动或抛扔电池。
- 若电池损坏，请勿使用。
- 请勿直接在电池上焊接。
- 请勿颠倒电池极性 (和端子)。
- 请勿反向给电池充电或反向连接。
- 请勿接触破裂以及漏液的电池。

如果电池电解液流入眼中，尽快用清水冲洗眼睛，不得揉擦眼睛。立即去医院救治。如果未及时处理，可能会造成眼部疾病。

警告

- 电池充电请勿超过规定的时间。
- 请勿将电池放入微波容器或高压容器中。
- 请将破裂和泄露的电池远离明火。
- 请勿使用异常电池。
- 请勿将电池充电器带入危险环境对电池充电。

IP67防水型号通告 (X2/X5/M/M3/M4型)

防水和维护

防水型号对讲机符合以下标准。

IP67: IP 标准是国际标准 IEC 60529 规定的防护等级。第一个数字表示“防尘等级”，第二个数字表示“防水”等级。

注：

- ◆ JVC建伍订购产品后便进行初始防水试验和程序。

防水和维护

- 上面列出的适用标准不能保证对讲机可以在水中使用。在最大深度超过 1 米或最大浸没时间超过 30 分钟的情况下，对讲机可能会被损坏。
- 请遵守以下注意事项以保持对讲机的防水性能：
 - a) 请勿坠落对讲机或向其施加强烈物理冲击。
 - b) 不要拆开或试图改装对讲机。（如果拆开或改装，则无法保证其性能。）
 - c) 请勿将对讲机浸入含有溶剂或表面活性剂（如洗涤剂或酒精）的水中。
- 如果浸在泥水或盐水 (包括海水) 中, 则可能会腐蚀。立即用清水冲洗, 然后用软布擦干。
- 如果水溅到麦克风、电池或天线端子上, 请用软布清洁并擦干后重新连接至对讲机。
- 使用 JVC建伍未规定的对讲机上的任何选项均可能会降低或失去防水和防尘性能。

随机附件

小心拆开通信机的包装。如果下列物品有缺失或损坏，请立即向承运人提出书面要求。

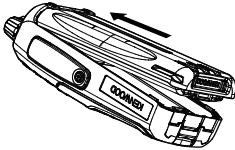
项目	数量
扬声器 / 麦克风插孔盖	1
扬声器 / 麦克风锁定架	1
皮带夹 (KBH-10)	1
螺丝 (M3 x 8 mm)	2
用户指南	1

注：

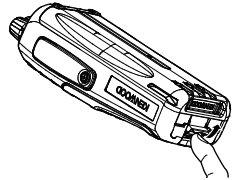
- ◆ 扬声器 / 麦克风插口安装固定附属的盖板能够保证防水性。连接扬声器 / 麦克风选件时不保证防水性。

安装 / 拆卸电池组

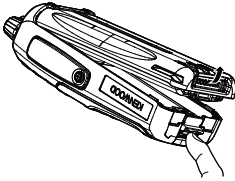
- 1 将电池组与通信机的背部对准，然后按压电池组使其与通信机贴紧，直至通信机底座上的释放锁牢牢锁定就位。



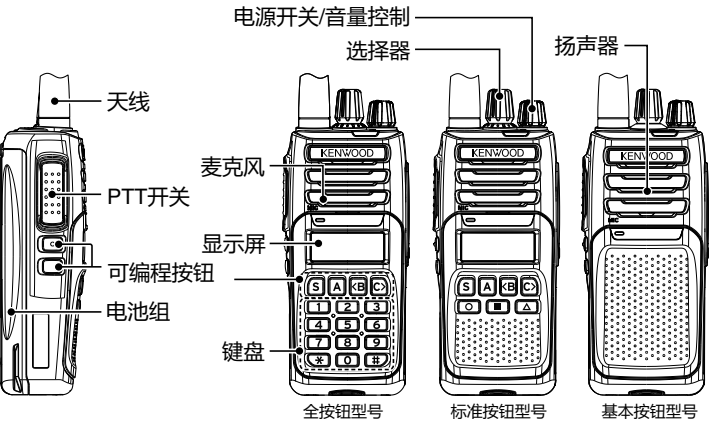
- 2 若要取出电池组，请上提通信机底座上的安全锁，然后按压安全锁下面的释放锁。



- 3 在按住释放锁的同时，将电池组从通信机中抽出。



基本操作



切换电源开/关

顺时针转动**电源开关/音量控制**可打开通信机电源。

逆时针将**电源开关/音量控制**转到底可关闭通信机电源。

音量调节

旋转**电源开关/音量控制**可调节音量。顺时针旋转可提高音量，逆时针旋转则降低音量。

选择区域和信道

利用设置为**[区域上调]**或**[区域下调]**的按钮选择想要的区域。每个区域可包含多个信道。

利用**选择器**或设置为**[信道上调]**/**[信道下调]**的按钮选择想要的信道。每个信道均可进行发射和接收设置。

发射

- 1 选择想要的区域和信道。
- 2 按下设置为**[监听]**或**[静噪打开]**的按钮，检查信道是否空闲。
 - 如果信道繁忙，请等待直至信道空闲。
- 3 按 **PTT 开关**并对着麦克风讲话。松开 **PTT 开关**将切换到接收状态。
 - 为获得最佳的音质，嘴和通信机之间应保持约3～4厘米的距离。

接收

选择想要的区域和信道。如果在所选信道上设置了信令，则只有在接收到符合通信机设置的信令时，您才能听到呼叫。

注：

- ◆ 使用的型号根据销售国而不同。