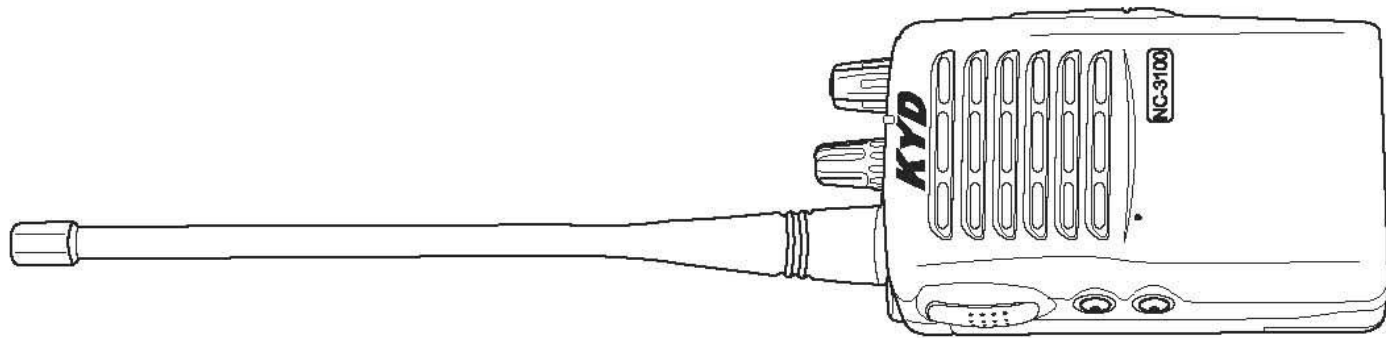




PROFESSIONAL TWO-WAY RADIO

USER'S MANUAL



NC-3100

- ☐ 5W/1W
- ☐ 16CH
- ☐ 50 CTCSS
- ☐ 107 DCS
- ☐ PC Programmable
- ☐ Li-ion Battery Pack 1300mA

TO USER

Thank you for purchasing our company serial transceiver. We appreciate your trust in our products and believe that this easy to operate and state of the art 2-way transceiver would well serve your diverse communication needs.

THIS MANUAL SUPPLY TO:
NC-3100 VHF/UHF FM TRANSCEIVER
CHINA NEW CENTURY (QUANZHOU) COMMUNICATION ELECTRONICS CO.,LTD
ADD: NO.1 FENGSHOU ROAD, ZHAOFENG INDUSTRIAL DISTRICT, QUANZHOU CITY, FUJIAN PROVINCE,CHINA



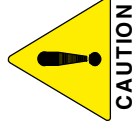
SAFETY TRAINING INFORMATION



Your KYD radio generates RF electromagnetic energy during transmit mode. This radio is designed for and classified as "Occupational Use Only", meaning it must be used only during the course of employment by individuals aware of the hazards, and the ways to minimize such hazards. This radio is NOT intended for use by the "General Population" in an uncontrolled environment.

This radio has been tested and complies with the FCC RF exposure limits for "Occupational Use Only". In addition, your KYD radio complies with the following Standards and Guidelines with regard to RF energy and electromagnetic energy levels and evaluation of such levels for exposure to humans:

- FCC OET Bulletin 65 Edition 97-01 Supplement C, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields.
- American National Standards Institute (C95.1-1992), IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.
- American National Standards Institute (C95.3-1992), IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields—RF and Microwaves.
- The following accessories are authorized for use with this product. Use of accessories other than those specified may result in RF exposure levels exceeding the FCC requirements for wireless RF exposure.; Belt Clip, Charger and Li-ion Battery Pack.



To ensure that your exposure to RF electromagnetic energy is within the FCC allowable limits for occupational use, always adhere to the following guidelines:

- **DO NOT** operate the radio without a proper antenna attached, as this may damage the radio and may also exceed FCC RF exposure limits. A proper antenna is the antenna supplied with this radio by KYD. or antenna specifically authorized by Manufacturer. for use with this radio.
- **DO NOT** transmit for more than 50% of total radio use time ("50% duty cycle"). "50% duty cycle" is also applicable to PSTN (Public Switched Telephone Network) mode and VOX Mode. Transmitting more than 50% of the time can cause FCC RF exposure compliance requirements to be exceeded. The radio is transmitting when the TX indicator lights red. You can cause the radio to transmit by pressing the "PTT" switch.
- **ALWAYS keep** the antenna at least 2.5 cm (1 in.) away from the body when transmitting and only use the KYD belt-clips when attaching the radio to your belt, etc., to ensure FCC RF exposure compliance requirements are not exceeded. To provide the recipients of your transmission the best sound quality, hold the antenna at least 5 cm (2 in.) from your mouth, and slightly off to one side.

The information listed above provides the user with the information needed to make him or her aware of RF exposure, and what to do to assure that this radio operates with the FCC RF exposure limits of this radio.

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1 SAFETY INFO

NOTICES TO THE USER

- Illegal operation is punishable by fine or imprisonment or both.
- 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.
- We do not guarantee the safety and operation of the transceiver when using accessories and /or attachments not sold by us.

▲ WARNING

- EXPLOSIVE ATMOSPHERES(GASES, DUST, FUMES, etc.)
Turn off your transceiver while taking on fuel, or while parked
■ in gasoline service stations.

PRECAUTIONS

Observe the following precautions to prevent fire, personal injury and transceiver damage.

- ◆ Do not modify or attempt to adjust this transceiver for any reason.
- ◆ 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, and/or wet 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 dealer.

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

SUPPLIED ACCESSORIES

Item	Quantity
Antenna	1
Charger (with AC adaptor)	1
Li-ion Battery Pack	1
Belt clip	1
User's manual	1
Hand Strap	1

CHARGING WARNINGS:

Initially charging the battery pack after purchase or extended storage (greater than 2 months) will not bring the battery pack to its normal operating capacity. After repeating the charge/discharge cycle two or three times, the operating capacity will increase to normal. Please replace or charge the battery pack while low power alert.

AVAILABLE BATTERIES

Please use our special battery to charge transceiver, it may happen explode and damaged body if using other brand batteries.

Notice:

1. Do not short the battery terminals or dispose of the battery in fire. Never attempt to remove the casing from the battery pack.
2. The ambient temperature should be between 5 and 40°C while charging is in progress. Charging outside this range may not fully charge the battery.
3. Always switch OFF the transceiver equipped with a battery pack before charging. Using the transceiver while charging its battery pack will interfere with correct charging.
4. Do not plug/unplug the AC adaptor and battery during charging, to avoid interference charging program.
5. The battery pack life is over when its operating time decrease even though it is fully and correctly charged. Replace the battery pack.

6. Do not recharge the battery pack if it is already fully charged. Doing so may cause the life of the battery pack to shorten or the battery pack may be damaged.
7. Do not charge transceiver while the battery or units were wet. Ought to dry it with cloth before charging, avoid to damage the unit.

Notice: All batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

CHARGE OPERATION

If installing battery, the transceiver lights red and three beeps sound each 30 seconds, it means low power, please start to charge the transceiver .

Please use our special charger for battery charging, the charger LED display charger cause.

LED appears	status
Lights red	charging
Lights green	Fully charging

TO CHARGE BATTERY PACK, PERFORM THE FOLLOWING STEPS:

1. Plug the AC adaptor cable into the adaptor jack located on the rear of the charger.
2. Slide the battery pack or transceiver with a battery pack into the charger .
3. Plug the AC adaptor into AC outlet.
4. Make sure the battery pack contacts are in contact with the charging terminals, the charger LED lights red and charging begins.
5. The supplied charger LED lights green complete charged. Remove it or the transceiver equipped with it from the charger.

Notice:

1. The charger LED lights before unplug battery pack , it is normal.
2. When replace a battery pack to charge, please charging after LED is steady.
3. The charger lights red while charging after plug the battery , brights mensns damage battery or the degree is too high or low .