Kirisun

QUICK INSTRUCTION MANUAL
TP660
Digital Portable Radio

DIGITAL

http://en.kirisun.com

Quick Instruction Manual
TP660
Digital Portable Radio

We are very grateful for your purchasing KIRISUN brand two-way radios produced by Kirisun Communications Co., Ltd.

We believe KIRISUN two-way radio, which always incorporates the latest technology, can bring great convenience to your life and work.

We also believe that the quality and function of KIRISUN two-way radio can meet your demands for reliable communication.

Contents

1   Unpacking and Checking

1.1   Standard Accessories

Please unpack carefully and check all the items listed in the following table before discarding the packing material. If any damage or loss occurs during shipment, please contact your dealer.

Item	Quantity
Antenna	1
Belt clip	1
Charger	1
Battery	1
Hand strap	1
Power adapter	1
Instruction Manual	1

Antenna

Battery

Belt clip

Charger

Hand strap

Power adapter
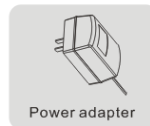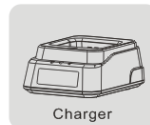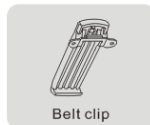
2   Product Overview
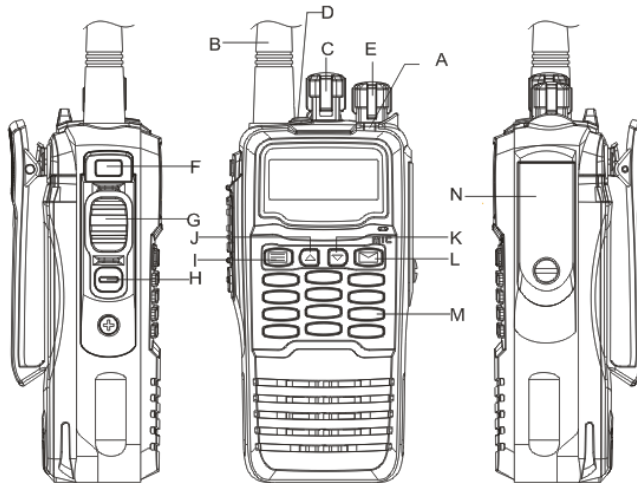
A. LED Indicator
B. Antenna

C.   Channel Selector Knob

D.   Emergency Button: press to activate emergency function

E.   On/Off/ Volume Control Knob

F.   Programmable Button

G.   PTT Button: transmit

H.   Programmable Button

I.   ▤ Cancel Key

J.   ▲ Up Key

K.   ▼ Down Key

L.   ✉ OK Key

M.   Number Keyboard: dial keyboard

N.   Universal Connector: connect earphone or microphone here, the cover should stay still if not in use.

3   Status Indicator

3.1   Icon Indicate

Icon Display	Icon Name
📶	Received signal strength indicator(RSSI)
	The number of bars indicates the received signal strength. Four bars are the strongest.
	The icon only display when receiving.
▷	Selected channel is being monitored.
L	Radio is set to Low power.
H	Radio is set to High power.
🔕	Tones Disable
Z	Scan feature is enabled.
✉	Unread Message
✉	Inbox Full

🔒	The encryption feature is enabled.
🔓	The encryption feature is disabled.
|→|	Talkaround is enabled
🔋	Indicate Battery Capacity
👤	Private Call Indicates a Private Call in progress. In the Contacts list, it indicates a subscriber alias (name) or ID (number).
👥	Group Call/All Call Indicates a Group Call or All Call in progress. In the Contacts list, it indicates a group alias (name) or ID (number).

3.2 LED Indicate

LED Indicator	Radio Work Status
Red LED light on	Radio is transmitting.
Green LED lights on	Radio is receiving (voice, short message, or data) or there is an activity on the channel.
Orange LED flashes	Radio is scanning.

4 Basic Operation

4.1 Powering On/Off

Rotate the volume control knob clockwise until a click and a short tone is heard. Now, the (DMR) and TP660-DMR will be displayed. LED indicates green light and if background light is enabled, LCD display will turn on.

Notes:

If all the LED indicators are disabled, the LCD screen won't turn on when power on. One short tone indicates power-on check success.

Notes:

If indicate tone function is disabled, there will be no indicating sound when power-on. To power off, rotate the knob counter-clockwise until a click is heard.

4.2   Adjusting the Volume

Rotate the volume knob clockwise to increase radio volume or counter-clockwise to decrease the volume.

4.3   Selecting a zone

A zone is a group of channels, this radio supports up to 250 zones and each zone supports up to 128 channels

1) Press Λ or $\forall$ button to enter the menu.

2) Press Λ or $\forall$ to enter zone and press OK button to select.

3) Shows current zone and shows zone name.

4) Press Λ or $\forall$ to wanted zone and press OK button to select.

5) Screen shows selected zone and return to selected zone page.

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4.4   Switching Digital/Analog Mode

Every channel of the radio is able to be set as Analog or Digital Mode. Rotate the channel knob you can switch the channel in the Analog and the Digital Mode. While you switch the Digital Mode to the Analog Mode, some functions are not available. For example, the message, this function will be hidden in the menu.

5   Making a Call/ Receiving a Call

5.1   Initiate a Call to the Default Contact

If you set the default contact at each channel, you can press the PTT button to call the default contact.

5.2   Selecting a Contact and Initiate a Call

You can also make a call via contacts. Enter contact list menu and select one specific contact, then press PTT to initiate a call.

5.3   Manual Dial and Initiate a Call

You can also make a call by "Manual Dial". Enter the "Contacts" menu and then enter "Manual Dial" sub-menu, directly enter contacts' ID number, and press PTT key to initiate a call.

5.4   Receiving and Answering the Call

When a call is received in the standby mode:

1) Green LED indicator lights on;
2) The call type (private call icon, group call icon, all call icon), alias or ID and incoming call icon is displayed on the LCD.
3) And voice will be heard;
4) You can press PTT to call back to current contact within the hang time duration.

Note:

To receive a group call, your radio must be configured as part of that group. (Dealer set it via CPS).

FCC Statements:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an controlled environment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

RF Exposure Compliance and Control Guidelines and Operating Instructions

To control your exposure and ensure compliance with the occupational/controlled environment exposure limits always adhere to the following procedures.
Guidelines:
Do not remove the RF Exposure Label from the device.
User awareness instructions should accompany device when transferred to other users.
Do not use this device if the operational requirements described herein are not met.

Attention:

This radio complieswith IEEE and ICNIRP exposure limits for occupational/controlled RF exposure emvironment at operating duty factors of up to 50% and is authorized by the FCC for occupational use only.

An appropriate warning lable is affixed to all units.In order to comply with RF exposure requirements, a minimum distance of 2.5cm must be maintained when held-to-face, and body-worn operations are restricted to the approved original acessories (belt clip).

Do not use this device when antenna shows obvious damages

IC RSS warning

This device complies with Industry Canada licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference,including interference that may cause undesired operation of the device.

Le pré sent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisé e aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioé lectrique subi, mê me si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that, the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformé ment à la ré glementation d'Industrie Canada, le pré sent é metteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou infé rieur) approuvé pour l'é metteur par Industrie Canada. Dans le but de ré duire les risques de brouillage radioé lectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonné e é quivalente (p.i.r.e.) ne dé passe pas l'intensité né cessaire à l'é tablissement d'une communication satisfaisante.

IC Radiation Exposure Statement:

This equipment complies with IC RF radiation exposure limits set forth for an controlled environment.
This transmitter must not be co-located or operating in conjunction with any other antenna
or transmitter.

IC exposition aux radiations:

Cet é quipement est conforme avec IC les limites d'exposition aux rayonnements dé finies pour contrlé
environnement.
Cet émetteur ne doit pas être co-localisés ou fonctionner en conjonction avec une autre antenne
ou émetteur.