

USER MANUAL

Model name:T928

Brand name: TIETONG

NOTE:

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Quick Instruction Manual

Digital Transceiver

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

We believe TIETONG 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 TIETONG two-way radio can meet your demands for reliable communication.

TIETONG

QUICK INSTRUCTION MANUAL
T928

TIETONG

TIETONG Electronics (Group)
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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.

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



NOTE.

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

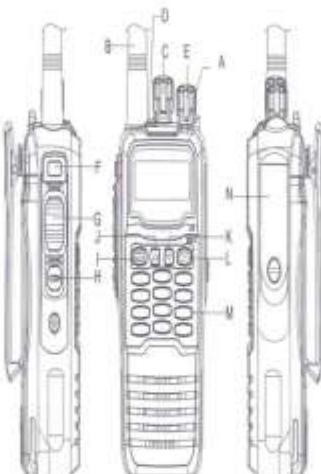
When a call is received in the standby mode:

- 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.

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

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

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 or button to enter the menu.
- 2) Press or to enter zone and press OK button to select.
- 3) Shows current zone and shows zone name.
- 4) Press or to wanted zone and press OK button to select.
- 5) Screen shows selected zone and return to selected zone page.

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.

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.
	Radio is set to Low power.
	Radio is set to High power.
	Tones Disable
	Scan feature is enabled.
	Unread Message
	Inbox Full

	The encryption feature is enabled.
	Talkaround is enabled.
	Indicate Battery Capacity
	Indicates a Private Call in progress. In the Contacts list, it indicates a subscriber alias (name) or ID (number).
	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 T-328-DMR will be displayed. LED indicates green light and if background light is enabled, LCD display will turn on.

FCC Caution.

SAFETY TRAINING INFORMATION



Your TIETONG Electronics(Group) 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 TIETONG Electronics(Group) 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:

1. FCC OET Bulletin 65 Edition 97-01 Supplement C, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields.
2. 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.
3. American National Standards Institute (C95.3-1992), IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields- RF and Microwave.
4. The antennas, batteries, belt clips, speaker-microphone, and other accessories that are listed in "OPTIONS" of the INSTRUCTIONS sheet, 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.

Electromagnetic Interference/Compatibility

During transmissions, your TIETONG Electronics(Group) radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so. DO NOT operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, aircraft, and blasting sites.

Occupational/Controlled Use

The radio transmitter is used in situations in which persons are exposed as consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure.



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 cause you to exceed FCC RF exposure limits. A proper antenna is the antenna supplied with this radio by the manufacturer or antenna specifically authorized by the manufacturer for use with this radio.

.DO NOT transmit for more than 50% of total radio use time ("50% duty cycle"). Transmitting more than 50% of the time can cause FCC RF exposure compliance requirements to be exceeded. The radio is transmitting when the LED 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 inch) away from the body when transmitting and only use the Icom belt-clips listed in "OPTIONS" of the INSTRUCTIONS sheet 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 (2inches) 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.