

T-M6 User's Manual

PREFACE

Thank you for purchasing our Two Way Radio. This easy-to-use radio will deliver you secure, instant and reliable communications at peak efficiency. Please read this manual carefully before use. The information presented herein will help you to derive maximum performance from your radio. To begin operation, please fully charge the radios.

Standard Accessories


NO.	Item	QTY
1	Two way radio	1
2	Charger	1
3	USB cable	1
4	Special headset	1
5	Strap	1
6	User Manual	1


一、 Radio Overview



二、 LCD Icons Instruction

1、Y: Signal icon

2、: Signal strength level

3、: Keypad lock function activated



4、: Battery level indicator

三、Main Feature

- ▲Frequency Band: UHF
- ▲LCD Display
- ▲PC Programmable
- ▲8 Level Volume Adjustment
- ▲CTCSS, DCS

四、Basic Operation



■Power On/Off

1. Press  key for more than two seconds to turn on the radio.
2. Press  key again to turn off the radio.


■PTT (PUSH-TO-TALK)


1. Press and hold down the PTT button to transmit (the indicator light turns red).
2. Release PTT button to receive.

■Channel Selection


1. Press  key to increase the channel number; Press  key to decrease the channel number.

■Monitoring


1. Press and hold the  key for more than two seconds to monitor.

Press any key except for  key to exit.

■Scan Function





1. Press and hold the  key for more than two seconds to activate scan function.

It must have more than two channels to start scanning.



You can press  or  key to change the scanning direction when scan function activated.

Press  key or PTT key to exit scan function.

■FM Radio

Long press  key to activate radio. Press  or  key to change the channel. Long press  key again to exit radio.

■Keylock Switch

1. In standby mode, press and hold  key for more than two seconds to activate keylock function, you can see a  icon appear. At this time, there is only PTT key could work as usual.

2. In keylock mode, press and hold  again to unlock, and the  icon disappear. All key work as normal.

Specification

Frequency	462.5500-462.7250MHz
Operating Temperature	0℃ ~ 50℃
Storage Temperature	-20℃ ~ 60℃
Standard Voltage	3.7V
Battery Capacity	650 mAh
Channel Spacing	12.5 K
SIZE(including antenna)	105mmx32mmx17mm
Weight	50 g
Antenna Impedance	50Ω

Transmitting Part

Freq Stability	≤±2.5 ppm
Output power	0.5 W
Modulation	F3E
Residual FM	≤ -35 dB
Audio Distortion	≤ 3%

Receiving Part

Sensitivity	≤-120 dBm
Adjacent selectivity	≥70 dB
Intermodulation immunity	≥70 dB
SN ratio	≥48 dB
Audio Distortion	≤ 3%

FCC Statement

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.

Note: 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 radiate 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 interference will not occur in 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 into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Warning Statements

The Two-Way radio complies with the following RF energy Exposure standards and guidelines: United States Federal Communications Commission, code of Federal Regulations; 47CFR part 2 sub-part J. American National Standards Institute (ANSI)/Institute of Electrical and Electrical Engineer (IEEE) C95.1-1992. Institute of Electrical and Electronics Engineers (IEEE) C95.1-1999 Edition. International Commission on Non-Ionizing Radiation Protection.ICNIRP.1998. To ensure optimal radio performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures.

Body-worn Operation

To maintain compliances with FCC RF exposure guidelines, if you wear a radio on your body when transmitting, always place the radio in a manufacturer supplied or approved clip, holder, holster, case or body harness for this product, use of non manufacturer approved accessories may exceed FCC RF exposure limits, should be prohibited.

CE Statement

Hereby, Quanzhou HengLiDa Tel-Equipment Co.,Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.



Warnings

- Battery Caution: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.
- Adapter Caution: Adapter shall be installed near the equipment and shall be easily accessible.
- Earphone Caution: Use careful with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss.
- User manufacturer approved charger or the charger matched with machine model; unauthorized power adapter or data cable may cause charger exploding or damage the machine.
- Plug the adapter power socket in 100-240VAC socket, others may cause charger exploding or damage the machine. The plug considered as disconnect device of adapter.
- The product shall only be connected to a USB interface of version USB 2.0 or higher. The connection to a power USB is prohibited.



The device is restricted in follow EU Members:

		
UK	EL	IE
BE	PT	LU
BG	LV	EE
PL	SK	FI