

Tonghai T518

Tonghai T518 License-Free Rechargeable Walkie Talkie User Manual

1. INTRODUCTION

This user manual provides comprehensive instructions for the Tonghai T518 License-Free Rechargeable Walkie Talkie. Please read this manual carefully before using the device to ensure proper operation and to maximize its performance and lifespan. Keep this manual for future reference.

The Tonghai T518 is a specific low-power transceiver designed for easy communication without the need for a license or special qualifications. It features an LCD display, built-in LED torch, VOX function for hands-free operation, and emergency alert capabilities, making it suitable for various communication needs.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all items are present and in good condition:

- 2 x Tonghai T518 Walkie Talkies
- 2 x USB Charging Cables
- 2 x Earphone Microphones
- 2 x Belt Clips
- 1 x User Manual (English)

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Tonghai T518 walkie talkie.



Figure 1: Walkie Talkie Components

This image displays the front and top views of the Tonghai T518 walkie talkie, with labels indicating the antenna, scan button, VOX button, battery level indicator, microphone, talk/call button, power button, down/monitor button, speaker, channel/menu button, CTCSS/menu selection, TX/RX icon, volume, keypad lock, lamp button, up/scan button, menu/lock button, speaker/mic/charging jack, and lamp.

- **Antenna:** For transmitting and receiving signals.
- **Channel/Menu Button:** To select channels and access menu options.
- **TX/RX Icon:** Indicates transmission (TX) or reception (RX) status.
- **Volume Control:** Adjusts the audio output level.
- **Power Button:** Turns the device on/off.
- **Talk/Call Button:** Press and hold to transmit your voice.
- **Speaker:** Audio output.
- **Microphone:** For voice input.

- **LCD Display:** Shows channel, battery level, and other status indicators.
- **LED Torch:** Built-in light for illumination, can function as SOS.
- **VOX Button:** Activates Voice Operated Exchange for hands-free communication.
- **Scan Button:** Initiates channel scanning.
- **Keypad Lock:** Prevents accidental button presses.
- **Speaker/Mic/Charging Jack:** Multi-purpose port for accessories and charging.

4. SETUP

4.1. Battery Installation and Charging

The T518 walkie talkie uses rechargeable batteries. Ensure batteries are properly installed and charged before first use.

充電式トランシーバー

USBインターフェイスを持つ
USBケーブルも付属する
コンセント・パソコン
車載充電器、USBなどで充電できます
単4形電池/(別売れ)



PC充電



アダプタ充電



バンク充電



無料通話



一人が複数の人と通話できます



クリアな音質



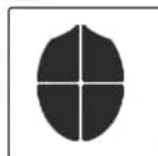
グループ通話に最適です



広場で通話距離は約1km



クリアな音質



99通話の暗号化

Figure 2: Charging Options

This image illustrates various charging methods for the walkie talkie, including PC charging via USB, adapter charging, and power bank charging. It also shows the battery compartment for AAA batteries (sold separately).

1. Open the battery compartment cover on the back of the walkie talkie.
2. Insert 3 AAA batteries (not included) according to the polarity markings.
3. Close the battery compartment cover securely.
4. Connect the provided USB charging cable to the walkie talkie's charging jack.
5. Connect the other end of the USB cable to a USB power source (e.g., PC, USB adapter, power bank).
6. The battery level indicator on the LCD display will show charging status. Charge until the indicator shows full.

Note: While the device is rechargeable, it requires 3 AAA batteries for operation. Ensure these are inserted correctly.

4.2. Attaching Accessories

- **Belt Clip:** Attach the belt clip to the back of the walkie talkie for easy carrying.
- **Earphone Microphone:** Plug the earphone microphone into the speaker/mic/charging jack for private listening and hands-free communication.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

- Press and hold the **Power Button** to turn the walkie talkie ON or OFF.

5.2. Channel Selection

The T518 has 20 channels to prevent interference and enhance privacy.

- Press the **Channel/Menu Button** once. The channel number on the LCD will flash.
- Use the **Up/Scan Button** or **Down/Monitor Button** to select your desired channel.
- Press the **Channel/Menu Button** again or wait a few seconds for the selection to be confirmed.
- Ensure all walkie talkies intended for communication are set to the same channel.

5.3. Making a Call (Push-to-Talk)

- To transmit your voice, press and hold the **Talk/Call Button**. The TX icon will appear on the display.
- Speak clearly into the microphone.
- Release the **Talk/Call Button** to listen for a response. The RX icon will appear when receiving.

5.4. VOX Function (Voice Operated Exchange)

The VOX function allows for hands-free communication by automatically transmitting when it detects your voice.

- To activate/deactivate VOX, press the **VOX Button**. An indicator will appear on the LCD when active.
- When VOX is active, you do not need to press the Talk/Call button to transmit. Speak normally, and the walkie talkie will automatically send your signal.
- The device can automatically transmit weak sounds, making it suitable for use as a simple baby monitor.

5.5. Scanning Channels

- Press the **Scan Button** to start scanning active channels.
- The walkie talkie will stop on an active channel.
- Press the **Scan Button** again to resume scanning or the **Talk/Call Button** to transmit on the current channel.

5.6. Emergency Alert / LED Torch

The built-in LED torch can be used for illumination and as an SOS signal.

- Press the **Lamp Button** to turn the LED torch ON/OFF.
- The LED torch has two flash modes and can be used to create an SOS light in emergencies. Refer to the device's specific menu options for activating SOS mode if available.
- In emergency situations (e.g., getting lost, natural disasters), the walkie talkie can help send quick alerts to other users on the same channel.



Figure 3: Outdoor Communication

This image shows individuals using walkie talkies during outdoor activities, demonstrating their utility for group communication.

チームコミュニケーション

他社の製品でも通信できます



チャンネルを簡単に合わせるだけ使えます



モダンでコンパクトなデザイン

Figure 4: Versatile Communication

This image depicts a child speaking into a walkie talkie and an adult using binoculars, highlighting the device's ease of use for various age groups and scenarios, including team communication.

6. COMMUNICATION RANGE

The effective communication range of the T518 walkie talkie varies significantly based on environmental conditions and obstacles.

- **Urban Areas:** Approximately 100m - 300m
- **Suburban Areas:** Approximately 300m - 800m
- **Open Areas (Clear Line of Sight):** Approximately 800m - 2km

Note: Obstacles such as walls, floors, and dense foliage will reduce the communication range. The thickness and material of these obstacles directly impact signal penetration.



超長距離通話

最大約 2km まで通信可能



一人対多い人

チームグループコミュニケーションを用いる



クリアサウンド

スケルチシステム送信
クリスピー音 互いにクリアする



Figure 5: Extended Range and Clear Audio

This image illustrates the walkie talkie's capability for long-distance communication (up to 2km) and clear sound transmission, emphasizing its utility for group activities in various terrains.

7. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the walkie talkie. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use for extended periods, remove the batteries and store the device in a cool, dry place.
- **Battery Care:** Avoid overcharging or completely draining the batteries. Recharge regularly to maintain battery health.
- **Water Exposure:** The device is not waterproof. Avoid exposure to rain, splashes, or immersion in water.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Batteries are dead or incorrectly installed.	Check battery installation and charge the walkie talkie.
Cannot communicate	Different channels, out of range, or low battery.	Ensure both walkie talkies are on the same channel. Move closer to the other unit. Charge batteries.
Poor sound quality	Weak signal, interference, or microphone/speaker obstruction.	Move to an area with fewer obstacles. Check for obstructions on microphone/speaker.
VOX not working	VOX sensitivity too low or feature is off.	Ensure VOX is activated. Adjust VOX sensitivity in the menu if available.

9. SPECIFICATIONS

Feature	Detail
Brand	Tonghai (YuSon)
Model	T518
Channels	20
Frequency Range	422.050~422.300MHz (UHF)
Max Communication Range	Up to 2 km (environment dependent)
Power Source	3 x AAA Batteries (rechargeable)
Features	Lightweight, Rechargeable, LCD Display, LED Torch, VOX Function
UPC	750193055072

技適マーク有
総務省技術基準適合商品である
免許・資格不要でも通信可能

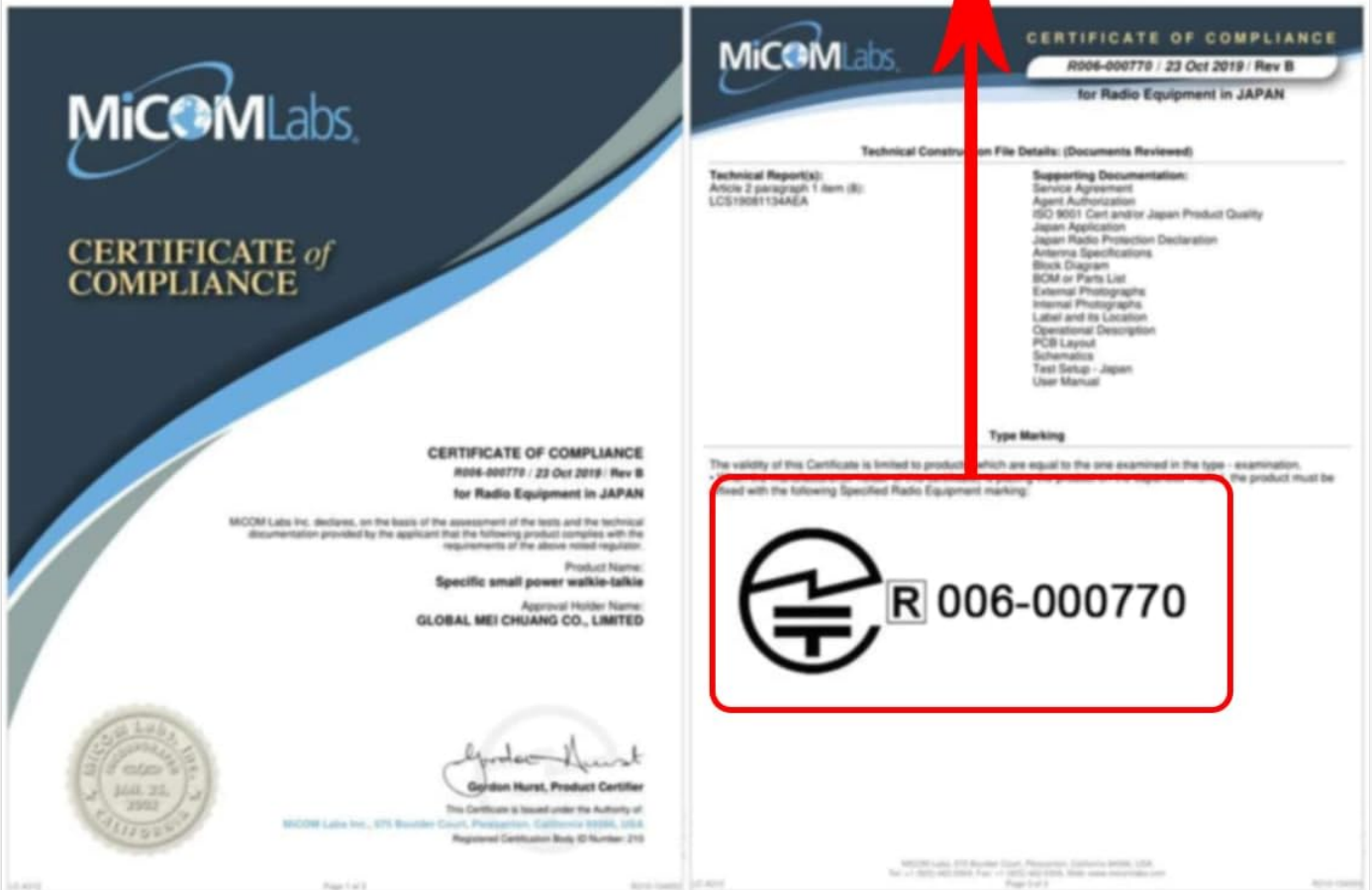


Figure 6: Technical Compliance

This image shows a certificate of compliance for radio equipment, indicating that the device meets technical standards and can be used without a license.

10. WARRANTY AND SUPPORT

The Tonghai T518 walkie talkie comes with a 1-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

Additionally, a 30-day return policy is available for this product. Please refer to your retailer's return policy for details. For technical support or warranty claims, please contact the retailer or manufacturer directly. Keep your purchase receipt as proof of purchase.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question