

JINGTONG JT-3988

JINGTONG JT-3988 Ham Radio Walkie Talkie Instruction Manual

Model: JT-3988

1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your JINGTONG JT-3988 Ham Radio Walkie Talkie. The JT-3988 is a 10-watt high-power, dual-band handheld radio designed for long-distance and clear communication. It features a 2600mAh Type-C rechargeable battery, NOAA weather reception, AM air band reception, and a large color screen. Please read this manual thoroughly before using the device to ensure proper function and safety.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- JINGTONG JT-3988 Two-way radio body
- 2600mAh Lithium-Ion Battery
- Long Antenna
- Short Antenna
- Remote Speaker/Microphone
- Belt Clip
- Lanyard
- USB Charger and Charging Base
- USB Type-C Charging Cable

3. PRODUCT FEATURES

The JINGTONG JT-3988 offers a range of features for versatile communication:

- **High Power Output:** 10-watt transmission for extended range and strong signal penetration.
- **Multi-Band Reception/Transmission:**
 - **Receive (RX) Bands:** FM (50-76MHz), AM (76-108MHz, 108-136MHz Airband), VHF (136-174MHz, 174-350MHz), UHF (350-400MHz, 400-470MHz, 470-600MHz).
 - **Transmit (TX) Bands:** VHF (144-148MHz), UHF (420-450MHz).
- **Large Capacity Battery:** 2600mAh Type-C rechargeable battery provides approximately 20 hours of normal use and up to

4 days of standby time. Supports various charging scenarios including power stations, car chargers, and standard phone chargers.

- **Multiple Functions:** Includes dual standby, DTMF, CTCSS/DCS, channel editing, and more, configurable directly on the device without programming software.
- **Ruggedized Enclosure:** Designed for durability in harsh environments such as outdoors, rescue operations, and construction sites.
- **NOAA Weather Forecast:** Access NOAA weather channels for real-time weather information.
- **AM Air Band Receiving:** Capable of receiving AM signals in the air band frequency range.
- **Large Color Screen:** Provides clear information display at a glance.
- **Customizable Interface:** Allows for changeable startup images and custom channel names.
- **One-Key Frequency Copy:** Simplifies frequency matching between radios.



JT-3988

Multifunctional Walkie Talkies



Tune the DTMF



Frequency copy



AM/Air band



FM radio



2600mAh



VOX



NOAA



Multi Band



Type-C charging port

Image: JINGTONG JT-3988 with key features and dimensions (112mm/4.4in height, 58mm/2.28in width).

4. SETUP

4.1 Battery Installation and Charging

1. Align the battery with the grooves on the back of the radio and slide it into place until it clicks securely.
2. To charge, connect the USB Type-C cable to the charging base or directly to the Type-C port on the battery. Connect the other end to a USB power source (e.g., wall adapter, car charger, power bank). The indicator light on the charging base will show charging status.

2600mAh Large Battery, Support USB Fast Charging



Image: The 2600mAh battery with its Type-C charging port, demonstrating charging via power bank, laptop, and car charger.

4.2 Antenna Attachment

Screw the desired antenna (long or short) clockwise onto the antenna connector at the top of the radio until it is finger-tight. Do not overtighten.

4.3 Belt Clip and Lanyard Attachment

Attach the belt clip to the designated screw holes on the back of the radio. Secure the lanyard through the loop on the top or side of the radio for added security.

5. OPERATING INSTRUCTIONS

5.1 Radio Overview



Image: Labeled diagram of the JINGTONG JT-3988 showing its main components and controls.

5.2 Power On/Off and Volume Control

Rotate the **On/Off Volume Knob** clockwise to power on the radio. Continue rotating clockwise to increase volume. Rotate

counter-clockwise to decrease volume and power off.

5.3 Channel and Frequency Selection

- **Channel Knob:** Rotate the **Channel Knob** to select a pre-programmed channel.
- **Keyboard:** Use the numeric keypad to directly input frequencies in VFO (Variable Frequency Oscillator) mode or to navigate menus.

5.4 Transmitting and Receiving

- **Receiving:** When the radio is powered on and tuned to an active frequency, it will automatically receive incoming transmissions.
- **Transmitting:** Press and hold the **PTT (Push-To-Talk) Key** on the side of the radio to transmit. Speak clearly into the microphone. Release the PTT key to stop transmitting and return to receive mode.

5.5 Dual Standby and Display

The radio supports dual standby, allowing it to monitor two different frequencies or channels simultaneously. The large color screen displays both active frequencies/channels. You can switch between the primary and secondary display using the appropriate function key.



Image: The radio displaying dual frequencies, indicating its dual standby capability.

5.6 NOAA Weather Channels

The JT-3988 can receive NOAA weather broadcasts. Refer to the radio's menu for specific instructions on how to access and scan NOAA weather channels to stay informed about local weather conditions.



The image shows a black, ruggedized handheld radio with the brand name 'JINGTONG' on the top. The screen displays a NOAA weather forecast for 'CT H+' at frequency '430.02500'. Below the frequency, it shows 'CT H JINGTONG' and '002'. The radio has a numeric keypad and several function buttons. The background of the image is a dramatic sky with a bright sun and a lightning bolt.

NOAA

WEATHER FORECAST

Bring more convenience to your outdoor travel



NOAA
Weather forecast



AM
Air Channel



FM
radio channel

Image: The radio's screen showing NOAA weather forecast, highlighting its weather alert capability.

5.7 AM Air Band Reception

The radio is capable of receiving AM signals in the air band (108-136MHz). This feature allows monitoring of aircraft communications. Note that transmission on air band frequencies is not supported.



Image: The radio with an airplane in the background, illustrating its AM Air Band receiving function.

5.8 Advanced Functions (DTMF, CTCSS/DCS, Channel Editing)

The JT-3988 allows for configuration of various advanced functions directly through its menu system. These include:

- **DTMF (Dual-Tone Multi-Frequency):** For signaling and control.
- **CTCSS/DCS (Continuous Tone-Coded Squelch System / Digital Coded Squelch):** For filtering unwanted signals and accessing repeaters.
- **Channel Editing:** Customize channel parameters such as frequency, transmit power, and tone settings.
- **One-Key Frequency Copy:** Simplifies programming by copying frequencies from another radio.

Consult the on-screen menu options for detailed steps on configuring these settings. While the radio supports manual programming, dedicated programming software is available from the manufacturer's website (jteradio.com) for more extensive channel management. A programming cable is included in the package.



Image: Two radios illustrating the one-key frequency copy and matching feature.



Image: The radio's screen showing customizable channel names for easier identification.

6. MAINTENANCE

6.1 Cleaning

Wipe the radio body with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the radio is powered off and the battery is removed before cleaning.

6.2 Battery Care

- Charge the battery fully before first use.
- Avoid overcharging or completely draining the battery to prolong its lifespan.
- Store the battery in a cool, dry place when not in use for extended periods.

6.3 Environmental Considerations

The JT-3988 is designed with a ruggedized enclosure but is **not water resistant**. Avoid exposing the radio to rain, splashes, or immersion in water. Operate and store the radio within recommended temperature ranges.

7. TROUBLESHOOTING

If you encounter issues with your JT-3988, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Radio does not power on	Low or dead battery; improperly installed battery	Charge the battery; ensure battery is correctly installed.
Cannot transmit or receive	Incorrect frequency/channel; antenna not attached; squelch too high; CTCSS/DCS mismatch	Verify frequency/channel settings; attach antenna securely; adjust squelch level; check CTCSS/DCS settings.
Poor audio quality	Low signal strength; microphone/speaker issue; volume too low/high	Move to an area with better signal; check remote microphone connection; adjust volume.
Programming difficulties	Incorrect software; driver issues; cable connection	Ensure correct programming software from jteradio.com is used; verify cable connection and drivers.

8. SPECIFICATIONS

Feature	Detail
Brand	JINGTONG
Model Number	JT-3988
Color	Black
Number of Channels	256
Frequency Range (RX)	FM: 50-76MHz; AM: 76-108MHz, 108-136MHz; VHF: 136-174MHz, 174-350MHz; UHF: 350-400MHz, 400-470MHz, 470-600MHz
Frequency Range (TX)	VHF: 144-148MHz; UHF: 420-450MHz
Talking Range Maximum	10 kilometers
Voltage	7.4 volts

Feature	Detail
Battery Type	1 Lithium Ion (included)
Battery Average Life	20 hours (normal use)
Water Resistance Level	Not Water Resistant
Special Features	Battery Saver Mode, Digital Display, Dual Band, Long Range, Rechargeable
Tuner Type	AM/FM UHF/VHF

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The JINGTONG JT-3988 Ham Radio Walkie Talkie comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact JINGTONG customer support. Refer to the product packaging or the manufacturer's official website (jteradio.com) for the most current contact information.

ASK A QUESTION ABOUT THIS MANUAL

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

