DURLK 2AYV7YG-813

DURLK 2AYV7YG-813 Rechargeable Walkie Talkies User Manual

1. Product Overview

The DURLK 2AYV7YG-813 Walkie Talkies are designed for reliable two-way communication, suitable for various outdoor activities and general use. They feature a compact design, rechargeable batteries, and multiple functions to enhance user experience.

What's in the Box:

- 2 x DURLK Walkie Talkies
- 1 x 2-in-1 Type-C Charging Cable
- 1 x User Manual
- 2 x Belt Clips



Image 1: DURLK Walkie Talkies and included accessories.

2. Key Features

- **Rechargeable Li-Ion Battery:** Equipped with a built-in 1200mAh lithium battery, offering extended standby time.
- **22 FRS Channels:** Provides a wide range of communication channels.
- **121 Interference Eliminator Codes:** Ensures private and clear communication by reducing interference from other radios.
- **VOX Hands-Free Function:** Allows for voice-activated transmission without pressing the PTT button.
- **Auto Squelch:** Automatically mutes weak signals or background noise for clearer audio.
- **Auto Scan:** Scans channels for active conversations.
- **Low Battery Alert:** Notifies the user when the battery level is low.

- **Keypad Lock:** Prevents accidental channel or setting changes.
- **LED Flashlight:** Integrated flashlight for convenience in low-light conditions.
- **Durable Design:** Features drop protection for outdoor use.
- **Large Backlit LCD Screen:** Easy to read display for channel and status information.



Image 2: The walkie talkie's robust design and integrated LED emergency light.



Image 3: Information on the 1200mAh battery providing 24 hours of work time and the high volume speaker for clear calls.

3. Setup

3.1 Battery Installation

The DURLK Walkie Talkies come with pre-installed rechargeable Li-ion batteries. To access the battery compartment, gently slide down the battery cover located at the back of the unit. Ensure the battery is securely seated before closing the cover.

BACL Bay Area Compliance Labs Corp.

ATC

A2LA ACCREDITED TESTING LABORATORY CERTIFICATE # 4297.01

TEST REPORT

Applicant Name :	Shenzhen yizhongge Electronic Co., Ltd
Address :	401, building D, No.28, Xinyuan Industrial Zone, Xinmu community, Pinghu street, Longgang District, Shenzhen
Report Number :	RA230504-23597E-RF
IC:	29354-2AYV7YG813

Test Standard (s)
RSS-GEN ISSUE 5, FEBRUARY 2021; RSS-210, ISSUE 10, AMENDMENT, APRIL 2020

Sample Description

Product Type:	Walkie Talkies
Model No.:	2AYV7YG-813
Trade Mark:	N/A
Date Received:	2023-05-04
Date of Test:	2023-05-08 to 2023-05-09
Report Date:	2023-05-11

Test Result:	Pass*

* In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Roger.Ling
EMC Engineer

Approved By:

Candy Li
EMC Engineer

ACCURATE TECHNOLOGY CO.,LTD ATC APPROVED

Note: This report may contain data that are not covered by the A2LA accreditation and are marked with an asterisk "★".
Shenzhen Accurate Technology Co., Ltd. is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with an asterisk "*". Customer model name, addresses, names, trademarks etc. are not considered data.
This report cannot be reproduced except in full, without prior written approval of the Company. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

Image 4: Rear view of the walkie talkie, showing the battery compartment and product label.

3.2 Charging the Batteries

Use the provided 2-in-1 Type-C charging cable to charge both walkie talkies simultaneously. Connect the Type-C ends to the charging ports on the side of each walkie talkie (under the rubber flap) and the USB-A end to a compatible USB power adapter (not included).

A full charge typically takes approximately 2 hours and provides up to 3-4 days of standby time.

4. Operating Instructions

4.1 Power On/Off and Volume

To power on the walkie talkie, press and hold the **Power/Menu** button (labeled 'MENU' with a power icon). The LCD screen will light up. To power off, press and hold the same button.

Adjust the volume using the **Up** and **Down** arrow buttons on the front panel.

4.2 Channel Selection

Press the **MENU** button once to enter channel selection mode. Use the **Up** and **Down** arrow buttons to select your desired channel (1-22). Press **PTT** to confirm and exit, or **MENU** again to move to sub-code selection.

4.3 Sub-Code Selection (Interference Eliminator Codes)

After selecting a channel, press **MENU** again to enter sub-code selection. Use the **Up** and **Down** arrow buttons to select a sub-code (1-121). Both walkie talkies must be on the same channel and sub-code to communicate. Press **PTT** to confirm and exit.

4.4 Push-to-Talk (PTT)

To transmit your voice, press and hold the **PTT** button located on the left side of the walkie talkie. Speak clearly into the microphone. Release the **PTT** button to listen for a response.

4.5 VOX Hands-Free Function

To activate VOX, press **MENU** multiple times until 'VOX' appears on the screen. Use the **Up** and **Down** arrow buttons to select a VOX sensitivity level (e.g., 1-3, with 3 being most sensitive). Press **PTT** to confirm. When VOX is active, the walkie talkie will transmit automatically when it detects your voice.

4.6 Keypad Lock

To lock the keypad, press and hold the **MENU** button until a key icon appears on the LCD screen. This prevents accidental changes to settings. To unlock, press and hold the **MENU** button again until the key icon disappears.

4.7 LED Flashlight

To turn on the LED flashlight, press the **Light** button (labeled with a light bulb icon). Press it again to turn it off.

4.8 NOAA Weather Alert

To access NOAA Weather Alerts, press and hold the **W/A** button. The walkie talkie will scan for weather alerts on designated NOAA channels. Press **W/A** again to exit.



Image 5: Detailed view of the walkie talkie's control buttons, including PTT, Menu, Scan, Monitor, and Flashlight.

5. Range and Performance

The DURLK Walkie Talkies offer varying communication ranges depending on the environment:

- **Open Areas (Rural/Seaside):** Up to 3 kilometers (approximately 1.86 miles) with minimal obstructions.
- **Urban Areas (Cities/Towns):** Up to 1.5 kilometers (approximately 0.93 miles) due to buildings, trees, and other interference.

Optimal range is achieved in flat, open environments with a clear line of sight. Obstructions such as buildings, dense foliage, and terrain can significantly reduce the effective communication range.



Image 6: Visual representation of the walkie talkie's communication range in urban (1-2km) and open (1-5km) environments.

Video 1: A short preview demonstrating the DURLK walkie talkies in use, highlighting their suitability for playtime.

6. Maintenance

6.1 Battery Care

- Charge batteries fully before first use.
- Avoid overcharging or completely draining the battery.
- Store walkie talkies in a cool, dry place when not in use for extended periods.
- Use only the provided charging cable.

6.2 Cleaning

- Wipe the exterior of the walkie talkie with a soft, damp cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Ensure the charging port cover is securely closed to prevent dust and moisture ingress.

7. Troubleshooting

7.1 No Power

- Check battery level. Recharge if necessary.
- Ensure battery is correctly installed.

7.2 Cannot Communicate with Other Radios

- Verify both walkie talkies are on the same channel.
- Verify both walkie talkies are on the same interference eliminator code.
- Ensure you are within the effective communication range.
- Check for obstructions that might be blocking the signal.

7.3 Static or Unclear Audio

- Move to an area with fewer obstructions.
- Adjust the squelch level (if available in advanced menu, refer to full user manual).
- Ensure the antenna is not obstructed.

7.4 Keypad is Unresponsive

- Check if Keypad Lock is activated. Press and hold the**MENU** button to unlock.

8. Specifications

Feature	Detail
Brand	DURLK
Model Number	2AYV7YG-813
Item Weight	90 Grams (3.17 ounces)
Package Dimensions	6.54 x 3.15 x 2.36 inches
Batteries	2 Lithium Ion batteries required (included)
Number of Channels	22
Frequency Range	462.5625 - 467.7125 MHz
Talking Range Maximum	3 Kilometers (open areas)
Voltage	3.7 Volts
Water Resistance Level	Not Water Resistant



Image 7: Dimensions and weight of the DURLK Walkie Talkie, showing it is light and thin.

9. Warranty and Support

9.1 Warranty Information

The DURLK Walkie Talkies come with a 365-day warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any questions, troubleshooting assistance, or warranty claims, please contact DURLK customer support through the retailer where the product was purchased or refer to the contact information provided in the full user manual included in the package.

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