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Olywiz 825

Olywiz 825 Portable 2W Two-Way Radio User Manual

Model: 825

1. Product Overview

The Olywiz 825 is a portable 2W two-way radio designed for reliable communication. It features 16 channels, IP55 dustproof and waterproof rating, and a 2500mAh lithium-ion battery for extended use. This manual provides essential information for setting up, operating, and maintaining your device.



Image: Front view of the Olywiz 825 two-way radio, showing its compact size and controls. Dimensions are approximately 3.94 inches tall, 2.09 inches wide, and 1.26 inches deep.

Key Features:

- Battery level indicator
- Code matching function
- 16 channels
- TOT (Time-Out Timer) function
- VOX (Voice Operated Exchange) function
- Monitor function
- Scan function
- Wideband communication
- Low power alert
- Voice prompt function
- IP55 dustproof and waterproof performance

2. Package Contents

Before using your Olywiz 825 radio, please ensure all items are present in the package:



Image: A visual representation of the package contents, including the transceiver, antenna, battery, Type-C cable, belt clip, wrist strap, and instruction manual.

1. Transceiver (2 units)
2. Antenna
3. Battery (2500mAh Lithium-ion)
4. Type-C USB Charging Cable
5. Belt Clip
6. Wrist Strap
7. Instruction Manual

3. Setup

3.1 Battery Installation and Charging

The Olywiz 825 is equipped with a 2500mAh lithium-ion battery. Ensure the battery is properly installed before use.



Image: The Olywiz 825 radio next to its 2500mAh lithium-ion battery pack, illustrating the battery capacity and long life.

To charge the device:

1. Locate the universal Type-C charging port on the upper left side of the battery.
2. Connect the provided Type-C USB cable to the radio.
3. Connect the other end of the cable to a compatible power source such as a USB adapter, car charger, power bank, or PC.



Image: Diagram showing various charging methods for the Olywiz 825, including USB adapter, car charger, power bank, and PC charging, highlighting the Type-C port.

Charging time is typically 3-4 hours. The battery provides up to 96 hours of standby time and 24 hours of continuous use.

3.2 Attaching the Belt Clip and Antenna

Attach the belt clip to the back of the radio for convenient carrying. Screw the antenna firmly into the top connector of the radio.

4. Operating Instructions

4.1 Power On/Off and Volume Control

1. To power on the radio, rotate the top-left knob clockwise until you hear a click and a voice prompt.
2. To power off, rotate the same knob counter-clockwise until it clicks.

3. Adjust the volume by rotating the top-left knob after powering on.

4.2 Channel Selection

The Olywiz 825 has 16 channels. To select a channel:

1. Rotate the top-right knob to select your desired channel (1-16).
2. The radio will announce the selected channel number.

4.3 Transmitting and Receiving

1. To transmit, press and hold the PTT (Push-To-Talk) button on the side of the radio. Speak clearly into the microphone.
2. Release the PTT button to receive.
3. Ensure all radios are on the same channel to communicate.

4.4 Code Matching Function (Wireless Frequency Copying)

This feature allows you to quickly match frequencies with another Olywiz 825 radio without needing a computer.



Image: Illustration of the one-key copy function, showing two radios wirelessly matching frequencies.

To use the code matching function:

1. Ensure both radios are powered off.
2. On the source radio (the one you want to copy from), press and hold the PTT button and the side key 1 simultaneously.
3. While holding these buttons, power on the source radio. The green light will flash.
4. On the target radio (the one you want to copy to), press and hold the PTT button and the side key 1 simultaneously.
5. While holding these buttons, power on the target radio. The green light will flash.
6. Once both radios are in copying mode (green light flashing), release the buttons.
7. Press the PTT button on the source radio. You should hear a 'beep' sound from the target radio, indicating successful copying.
8. The green light on both radios will stop flashing and remain solid, confirming the channel has been copied.



Image: Two Olywiz 825 radios side-by-side, illustrating the ease of use and the wireless frequency copying function.

5. Maintenance

5.1 General Care

- Keep the radio clean by wiping it with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Avoid exposing the radio to extreme temperatures, direct sunlight, or prolonged moisture, despite its IP55 rating.
- Do not disassemble the radio or battery pack. This will void the warranty and may cause damage.

5.2 Battery Care

- Charge the battery fully before first use.
- If the radio will not be used for an extended period, charge the battery to about 50% and store it in a cool, dry place.
- Use only the original charger or a compatible Type-C charger.

6. Troubleshooting

6.1 No Power

- Check if the battery is properly installed and charged.
- Ensure the power/volume knob is rotated clockwise to the 'on' position.

6.2 Cannot Transmit or Receive

- Verify that all radios are set to the same channel.
- Check if the battery level is sufficient. Low battery can affect transmission power.
- Ensure you are within the effective communication range. Obstacles like buildings and terrain can reduce range.
- Confirm the antenna is securely attached.

6.3 Poor Audio Quality

- Adjust the volume level.
- Move closer to the other radio if you are at the edge of the communication range.
- Check for obstructions between the radios.

7. Specifications

Feature	Specification
Brand	Olywiz
Model	825
Color	Black (2 units)
Number of Channels	16
Maximum Talk Range	8 kilometers (actual range varies by environment)
Voltage	3.7 Volts (AC)
Water Resistance Level	IP55 (Dustproof and Waterproof)
Product Dimensions (D x W x H)	3.2 x 5.3 x 10 cm
Battery Type	1 Lithium-ion battery (included)
Average Battery Life	96 Hours
Tuner Type	UHF
UPC	705346065811
Certification ID	21-180612 (Japan MIC compliant)

8. Warranty and Support

Olywiz two-way radios have passed rigorous wireless tests and are compliant with relevant standards (e.g., Japan MIC ID: 21-180612). We offer a refund guarantee for our products.
For any questions, technical support, or warranty claims, please contact Olywiz customer service. Our goal is to provide stable and close communication solutions and support to our customers.
You can visit the Olywiz Store on Amazon for more information and support resources.

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