

eSynic ESYESY246

eSynic ESYESY246 Rainproof Walkie Talkies User Manual

Model: ESYESY246

1. INTRODUCTION

Thank you for choosing the eSynic ESYESY246 Rainproof Walkie Talkies. This manual provides detailed instructions for the proper setup, operation, and maintenance of your device. These walkie talkies are designed for reliable communication with features such as long-range capability, 16 channels, VOX hands-free operation, and a durable, rainproof design. Please read this manual thoroughly before use to ensure optimal performance and safety.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Walkie Talkies (5 units for this pack)
- Earpieces
- Li-ion Battery Packs
- USB Charger (multi-way charger for 5 units)
- Belt Clips
- Slings
- User's Manual (this document)

3. PRODUCT FEATURES

The eSynic ESYESY246 walkie talkies are equipped with several features to enhance your communication experience:

3.1. Advanced Noise Reduction Technology

Equipped with a latest advanced chip, these walkie talkies feature noise reduction technology for clear call quality, even in noisy environments. They support 16 channels and 50 CTCSS tones / 105 DCS codes for secure communication.

 **80+**
Series of Products
Satisfy All Aspects of Life

 **10+**
Million Customer
Serving over 10+ Million Customers

 **146**
Countries
Available in 146 Countries

Image: Internal chip highlighting noise reduction and channel capabilities.

3.2. Long Range Communication

These walkie talkies offer a communication range of up to 3 miles (5 KM) in open areas and 1-2 miles (1.5-3 KM) in city areas, depending on terrain and conditions. They operate on FRS462 license-free frequencies.



Image: Visual representation of communication range in different environments.

3.3. VOX Hands-Free Function

The Voice-Activated Exchange (VOX) function allows for hands-free communication without needing to press the Push-to-Talk (PTT) button. This is ideal for situations where your hands are occupied.



Image: Demonstrating hands-free communication using the VOX function and earpieces.

3.4. Rechargeable Battery with Long Life

Each walkie talkie is powered by a 1500mAh Li-ion rechargeable battery, providing approximately 9 hours of working time and up to 48 hours of standby time. A full charge takes about 3 hours.



**1500MAH CAPACITY
POWER BATTERY**

Built-in large-capacity Li-ion battery and power saving function supports long usage and improves efficiency, making the communication safe and reliable

9hours Working Time **48hours** Standby Time **3hours** Fully Charged

Low Battery Indicator

Red: charging
Green: completed

Image: Walkie talkie connected to its charging station.

3.5. Built-in LED Flashlight

A convenient LED flashlight is integrated into the top of each walkie talkie, useful for navigating in low-light conditions or emergencies.

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Begin Outdoor Night
Adventures!
Built in LED Light



Image: Walkie talkie flashlight in use during an outdoor activity.

3.6. Durable and Rainproof Design

The walkie talkies are built to withstand drops from 4 feet and are resistant to light rain, making them suitable for various outdoor and demanding environments. They operate in temperatures from -20°C to 60°C .

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**Allowed You to Multitask
While Staying Connected**
Crystal Clear Sound



Image: Walkie talkie in an outdoor environment, illustrating its robust design.

4. SETUP GUIDE

4.1. Battery Installation

1. Ensure the walkie talkie is powered off.
2. Locate the battery compartment cover on the back of the unit.
3. Slide the cover down and remove it.
4. Insert the Li-ion battery pack, ensuring the contacts align correctly.
5. Replace the battery compartment cover and slide it up until it clicks into place.

4.2. Charging the Battery

1. Place the walkie talkie into the charging base.
2. Connect the USB charger to the charging base and then to a suitable USB power adapter (not included) or a computer USB port.
3. The indicator light on the charging base will turn red, indicating charging is in progress.
4. Once fully charged (approximately 3 hours), the indicator light will turn green.
5. Remove the walkie talkie from the charging base.



Image: Walkie talkie connected to its charging station.

4.3. Attaching Accessories

- **Belt Clip:** Align the belt clip with the screw holes on the back of the walkie talkie and secure it with the provided screws.
- **Earpiece:** Plug the earpiece into the audio jack on the side of the walkie talkie.
- **Sling:** Attach the sling to the designated loop on the top or side of the walkie talkie for carrying.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off and Volume Adjustment

1. To power on, rotate the **Power/Volume knob** clockwise until you hear a click and a voice prompt.
2. To power off, rotate the **Power/Volume knob** counter-clockwise until you hear a click.
3. Adjust the volume by rotating the **Power/Volume knob** clockwise to increase and counter-clockwise to decrease.

5.2. Channel Selection

1. Rotate the **Channel Selector knob** on the top of the walkie talkie to choose one of the 16 available channels.
2. Ensure all walkie talkies intended for communication are set to the same channel.

5.3. Transmitting and Receiving

- **To Transmit (PTT Mode):** Press and hold the **PTT (Push-to-Talk) button** on the side of the walkie talkie. Speak clearly into the microphone. Release the PTT button to listen.
- **To Receive:** Ensure the PTT button is not pressed. The walkie talkie will automatically receive transmissions on the selected channel.

5.4. VOX Function (Hands-Free)

The VOX function allows you to transmit by speaking into the microphone without pressing the PTT button. This feature can be enabled or disabled through programming (refer to advanced settings if available, or consult the manufacturer's website for programming software).

- When VOX is active, the walkie talkie will automatically detect your voice and begin transmitting.
- Adjust the VOX sensitivity level to prevent accidental transmissions from background noise.

5.5. Flashlight Operation

Press the dedicated **Flashlight button** (if present, often a side button) to turn the LED flashlight on or off.

5.6. CTCSS/DCS Codes

CTCSS (Continuous Tone-Coded Squelch System) and DCS (Digitally Coded Squelch) codes are privacy codes that help filter out unwanted conversations on a channel. To communicate, all walkie talkies must be set to the same channel and the same CTCSS/DCS code. These codes are typically set via programming software.

6. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the walkie talkie. Do not use harsh chemicals or solvents.
- **Battery Care:**
 - Charge batteries fully before first use.
 - Avoid overcharging or completely draining the battery for extended periods.
 - If storing for a long time, charge the battery to about 50% and remove it from the unit.
- **Storage:** Store the walkie talkies in a cool, dry place away from direct sunlight and extreme temperatures.
- **Rainproof Care:** While rainproof, avoid submerging the units in water. Ensure all port covers are securely closed in wet conditions.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery is low or not installed correctly.	Charge the battery or re-install it correctly.
Cannot communicate with other radios	Different channels or privacy codes. Out of range.	Ensure all radios are on the same channel and CTCSS/DCS code. Move closer to the other radio.
Poor audio quality or static	Weak signal. Interference. Volume too low.	Move to an open area. Check for sources of interference. Adjust volume.
Short communication range	Obstacles (buildings, hills). Low battery.	Move to a higher or more open location. Ensure battery is fully charged.
VOX not working	VOX function disabled or sensitivity too low.	Enable VOX or increase sensitivity via programming.

8. SPECIFICATIONS

Feature	Detail
Model Number	ESYESY246
Number of Channels	16
Frequency Range	462-467 MHz (FRS)
Talking Range Maximum	5 Kilometer (3 Miles) in open areas
Battery Capacity	1500mAh Li-ion
Battery Life	Approx. 9 hours (working), 48 hours (standby)

Feature	Detail
Charging Time	Approx. 3 hours
Water Resistance Level	Water Resistant (Rainproof)
Operating Temperature	-20°C to 60°C
Special Features	Noise Reduction, VOX, Built-in Flashlight, Low Battery Alert
Item Weight (per unit)	(Not specified per unit, total package 3.67 pounds)
Package Dimensions	13.15 x 12.28 x 2.64 inches

9. WARRANTY AND SUPPORT

Warranty: This eSynic product comes with a 12-month warranty from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, troubleshooting, or warranty inquiries, please contact eSynic customer support through the retailer where the product was purchased or visit the official eSynic website for contact information.

For more information, you may visit the [eSynic Store](#).