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KSUN ZL18 Global 4G Network Walkie Talkie User Manual

Model: ZL18 | Brand: KSUN

1. INTRODUCTION

The KSUN ZL18 is a versatile Global 4G Network Walkie Talkie designed for efficient communication across various scenarios. It integrates 4G network connectivity, WiFi, and Bluetooth capabilities, supporting Push-to-Talk (PTT) applications like Zello for global communication. Featuring a 1.77-inch screen and a durable build, this device is suitable for both individual and group communications over long distances.



Figure 1.1: KSUN ZL18 Global 4G Network Walkie Talkie

2. WHAT'S IN THE BOX

Upon opening the package, verify that all the following items are included:

- 1 x KSUN ZL18 Walkie Talkie Unit
- 1 x Battery
- 1 x Antenna
- 1 x Charger Adapter
- 1 x Charging Cable
- 1 x Back Clip
- 1 x Lanyard
- 1 x User Manual (this document)



Figure 2.1: Package Contents of KSUN ZL18

Video 2.1: Unboxing the KSUN ZL18. This video demonstrates the contents of the KSUN ZL18 package, showing each accessory included with the walkie talkie unit.

3. PRODUCT OVERVIEW

The KSUN ZL18 features a compact and ergonomic design with clearly labeled controls for ease of use. Its 1.77-inch QVGA HD screen provides clear visibility for navigation and information display.



Figure 3.1: KSUN ZL18 Controls and Features

Key Components:

- **Antenna:** For signal transmission and reception.
- **Power/Volume Knob:** Long press to power on/off, rotate to adjust volume.
- **PTT (Push-to-Talk) Button:** Located on the side for initiating voice transmissions.
- **Display Screen:** 1.77-inch QVGA HD screen for menus and information.
- **Navigation Buttons:** Up, Down, Left, Right, and OK buttons for menu navigation.
- **Menu Button:** Accesses the main menu.
- **Back Button:** Returns to the previous screen.
- **Lock/Unlock Screen Button:** Long press to lock or unlock the screen.
- **Group Button:** For managing group calls.
- **USB Charging Port:** For charging the device.



Figure 3.2: KSUN ZL18 Dimensions (10.5cm / 4.13inch height, 3cm / 1.18inch depth, 5cm / 1.96inch width)

4. SETUP

4.1 Battery and Antenna Installation

1. Ensure the device is powered off.
2. Attach the battery to the back of the walkie talkie, ensuring it clicks securely into place.
3. Screw the antenna clockwise onto the antenna port at the top of the device until it is firm.
4. Attach the back clip if desired, sliding it into the designated slot on the back of the device.

4.2 Powering On/Off

To power on the device, long press the Power/Volume knob located at the top. The screen will illuminate. To power off, long press the same knob until the device shuts down.

4.3 Initial Network Setup

The ZL18 requires a network connection (4G or WiFi) to function as a global walkie talkie. Follow these steps to connect to WiFi:

1. Press the **Menu** button.
2. Navigate to **Settings** using the navigation buttons and press **OK**.
3. Select **WLAN** (WiFi) and press **OK**.
4. Turn WiFi **On**. The device will scan for available networks.
5. Select your desired WiFi network and enter the password if prompted.
6. Once connected, the WiFi icon will appear on the status bar.

Video 4.1: How to Connect WiFi on KSUN ZL18. This video provides a visual guide on connecting the ZL18 walkie talkie to a WiFi network.

5. OPERATING INSTRUCTIONS

5.1 Push-to-Talk (PTT) Communication

The ZL18 supports PTT functionality, allowing for instant voice communication. It is compatible with PTT applications like Zello.

- **Private Calls:** To initiate a private call, select the desired contact from your list within the PTT application. Press and hold the PTT button to speak, and release to listen.
- **Group Calls:** To participate in a group call, select the desired group within the PTT application. Press and hold the PTT button to speak to all members in the group, and release to listen.

5.2 Zello Application

The ZL18 is an Android-based walkie talkie that supports the Zello PTT application. Ensure the Zello app is installed and configured on your device. You can use the app to chat with friends and colleagues worldwide, provided there is a network or WiFi connection.

6. CONNECTIVITY

The ZL18 offers multiple connectivity options to ensure reliable communication:

- **4G Network:** Provides global coverage for communication, enabling long-range calls without distance limitations.
- **WiFi:** Allows connection to local wireless networks for communication, especially useful indoors or where 4G signal is weak.
- **Bluetooth:** Supports connection to Bluetooth headsets for hands-free operation, enhancing convenience and safety.

7. FEATURES

- **Global 4G Network:** Supports private and group calls, enabling efficient communication across vast distances.
- **High Capacity Battery:** Equipped with a 4800mAh battery, providing 3-6 days of standby time and 2-3 days of continuous use. Features fast USB charging.
- **GPS Positioning:** Allows users to check their location at any time, anywhere, enhancing safety and coordination.
- **Durable Construction:** The shell is made of high-quality industrial plastic, and the TPU keys are designed for comfortable and clear operation.



Figure 7.1: KSUN ZL18 suitable for diverse communication environments.

8. MAINTENANCE

To ensure the longevity and optimal performance of your KSUN ZL18, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using harsh chemicals or abrasive materials.
- **Charging:** Always use the provided charger and cable. Do not overcharge the battery.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** The device is not water-resistant. Avoid exposure to water or high humidity.

9. TROUBLESHOOTING

If you encounter issues with your KSUN ZL18, refer to the following common troubleshooting steps:

- **Device not powering on:** Ensure the battery is correctly installed and charged. Try charging the device for at least 30 minutes before attempting to power it on again.
- **Cannot connect to WiFi:** Verify that the WiFi network is active and you are entering the correct password. Ensure

the device's WLAN setting is enabled in the settings menu.

- **No network signal (4G):** Check if your SIM card is properly inserted and active. Ensure you are in an area with 4G coverage.
- **Poor audio quality:** Check the volume settings. Ensure the antenna is securely attached. Move to an area with better signal reception.
- **Zello app issues:** Ensure the device has a stable internet connection (4G or WiFi). Check if the Zello app is updated to the latest version.

10. SPECIFICATIONS

| Feature | Specification |
|------------------------|--------------------------------------------------------------|
| Model Number | KSW-ZL18 |
| Screen Size | 1.77 inches |
| Network Support | Global 4G, WiFi |
| Connectivity | WiFi, 4G, Bluetooth |
| Battery Capacity | 4800mAh Lithium Polymer (included) |
| Item Weight | 11.2 ounces |
| Product Dimensions | 6.18 x 1.18 x 2.16 inches |
| Talking Range Maximum | 100 Miles |
| Frequency Range | 136-174 MHz, 400-470 MHz, 700 MHz - 2.5 GHz, 2.4 GHz - 5 GHz |
| Number of Channels | 1 |
| Voltage | 3.7 Volts (DC) |
| Water Resistance Level | Not Water Resistant |

11. WARRANTY AND SUPPORT

For any issues encountered with your KSUN ZL18 walkie talkie, please contact customer service. We are committed to responding within 24 hours to assist you with troubleshooting and support.

Please refer to your purchase documentation for specific warranty details and contact information.