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## KAYOTOM AT-600

# KAYOTOM AT-600 Global Walkie Talkie Instruction Manual

MODEL: AT-600

Brand: KAYOTOM

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and efficient operation of your KAYOTOM AT-600 Global Walkie Talkie. Please read this guide thoroughly before using the device to ensure optimal performance and longevity. The AT-600 is a 4G LTE Push-to-Talk (PTT) over Cellular (PoC) two-way radio designed for nationwide and global communication without traditional range limitations.

## 2. WHAT'S IN THE BOX

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Upon unboxing your KAYOTOM AT-600, you should find the following components:

- KAYOTOM AT-600 Walkie Talkie Unit(s)
- Belt Clip
- Battery
- Charger (USB-C cable and power adapter)
- User Manual
- Lanyard
- Pre-installed SIM card (for lifetime free global service)



Figure 2.1: Contents of the KAYOTOM AT-600 package, including two walkie talkies and SIM cards.

## 3. SETUP

### 3.1 Battery and SIM Card Installation

The SIM card is pre-installed for your convenience. To install the battery:

1. Remove the battery cover from the back of the walkie talkie.
2. Align the battery with the battery compartment, ensuring the contacts match.
3. Gently press the battery into place until it clicks securely.
4. Replace the battery cover and secure it with the provided screws if applicable.

<b>KAYOTOM WALKIE TALKIES</b>	<b>VS</b>		<b>OTHER WALKIE TALKIES</b>
			
<ul style="list-style-type: none"> <li>👍 SIM Lifetime Free</li> </ul>	<b>Service fee</b>		<ul style="list-style-type: none"> <li>👎 Monthly payment/ Annual payment</li> </ul>
<ul style="list-style-type: none"> <li>👍 5000mah long-lasting</li> </ul>	<b>Battery</b>		<ul style="list-style-type: none"> <li>👎 Unmarked range battery</li> </ul>
<ul style="list-style-type: none"> <li>👍 High quality-price ratio</li> </ul>	<b>Price</b>		<ul style="list-style-type: none"> <li>👎 Expensive and not durable</li> </ul>
<ul style="list-style-type: none"> <li>👍 No distance limitation</li> </ul>	<b>Call range</b>		<ul style="list-style-type: none"> <li>👎 No more than 100 miles</li> </ul>
<ul style="list-style-type: none"> <li>👍 Advanced Encrypted Calls</li> </ul>	<b>Call Security</b>		<ul style="list-style-type: none"> <li>👎 Poor confidentiality</li> </ul>

Figure 3.1: Proper installation of the battery into the walkie talkie unit.

For a visual guide on battery and SIM card installation, please refer to the video below:

Video 3.1: Instructions for installing the SIM card and battery in the Rapid Radios walkie talkie.

### 3.2 Powering On

To power on your device, rotate the top-mounted knob switch clockwise. The device will display a QR code and automatically search for network signals. After approximately one minute, it will enter the encrypted channel, indicating it is ready for use.

Video 3.2: Demonstration of powering on the walkie talkie and its initial display.

## 4. OPERATING INSTRUCTIONS

### 4.1 Basic Controls

The KAYOTOM AT-600 features intuitive controls for ease of use:

- **Knob Switch:** Located at the top, this switch controls power on/off and volume adjustment.

- **PTT Button:** The large button on the side is for Push-to-Talk communication. Press and hold to speak, release to listen.
- **Navigation Buttons:** Use the up/down arrows and menu/confirm buttons on the front to navigate the display and settings.



Figure 4.1: The quick rotary switch allows for easy one-hand operation and high-frequency communication.

# ALUMINUM ALLOY MATERIAL BACK PANEL



**NOT PRONE TO  
GETTING HOT.**



**LAST LONGER ON  
BATTERY POWER.  
3000MAH**



Figure 4.2: The PTT button enables quick and convenient communication.

## 4.2 Making Calls

The AT-600 supports both individual and group calls:

- **Individual Call:** Select a specific user from your member list for a private conversation.
- **Group Call:** Broadcast your voice to all members within a selected group channel. The device supports up to 200 groups, each accommodating up to 500 people.

To access call options, hold down the 'A' key (typically the green button) to enter the menu, then select 'GroupList' or 'MemberList'.

# FREE GROUPING



## INDIVIDUAL CALL

(USERS CAN BE SELECTED FOR PRIVATE CALLS IN THE GROUP)



## GROUP CALL

(YOUR VOICE WILL BE BROADCASTED TO ALL MEMBERS IN THE SELECTED GROUP CHANNEL)



200 GROUPS CAN BE ESTABLISHED, EACH GROUP CAN ACCOMMODATE 500 PEOPLE



Figure 4.3: The device supports flexible grouping for individual and group calls.

## 4.3 Flashlight Function

To activate the built-in flashlight, press and hold the 'B' key (typically the orange button) on the side of the device.

## 4.4 Volume Control

Adjust the volume by rotating the top-mounted knob switch. Rotate clockwise to increase volume and counter-clockwise to decrease it.

## 5. ADVANCED FEATURES

### 5.1 Global Intercom & Unlimited Range

The KAYOTOM AT-600 utilizes 4G LTE SIM support, enabling Push-to-Talk over Cellular (PoC) technology for communication across vast distances, potentially exceeding 5000 miles. This provides nationwide and global connectivity without traditional range limitations, relying on cellular networks.

# GLOBAL LINTERCOM

UNLIMITED RANGE



**HIGH SPEED NETWORK WITHOUT DELAY**

Figure 5.1: Global intercom functionality provides unlimited range communication via 4G networks.

Learn more about the global communication capabilities:

Video 5.1: An overview of the CARRBORG Walkie Talkie's global communication features.

## 5.2 Advanced Noise Cancellation

Equipped with high-performance microphones and AI algorithms, the AT-600 filters out up to 95% of background noise. This ensures clear, crisp audio transmission, even in noisy environments.

# 3D NOISE REDUCTION

**HIGH-DEFINITION STEREO SOUND WITH  
STRONGER AND LOUDER SOUND DIFFUSION**



Figure 5.2: 3D Noise Reduction technology provides high-definition stereo sound with enhanced clarity.

## 5.3 GPS Tracking

The AT-600 includes GPS functionality, allowing for real-time tracking of device locations through a computer dispatch system. This feature is crucial for efficient team coordination and management.

Video 5.2: This video demonstrates the GPS tracking and dispatch system capabilities of the CARRBORG Walkie Talkie.

## 6. BATTERY AND CHARGING

The device is equipped with a 3000mAh battery, providing over 24 hours of usage on a single charge. It supports Type-C fast charging, allowing the battery to reach 50% charge in approximately 40 minutes.

# PTT BUTTON

## FOR QUICK AND CONVENIENT COMMUNICATION



Figure 6.1: The aluminum alloy back panel and 3000mAh battery contribute to efficient heat dissipation and extended battery life.

## 7. SPECIFICATIONS

Feature	Specification
Model Number	AT-600
FCC ID	2AN96PO25601-AT-600
Item Weight	13 ounces (0.37 Kilograms)
Product Dimensions	1.18 x 1.97 x 3.35 inches
Number of Channels	200
Frequency Range	700 MHz - 2.6 GHz
Talking Range Maximum	100,000 Miles (Network Dependent)

Feature	Specification
Voltage	3.7 Volts (DC)
Water Resistance Level	Not Water Resistant
Special Features	Battery Saver Mode, Digital Display, Lightweight, Noise Reduction, Unlimited Range

## 8. TROUBLESHOOTING

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If you encounter any issues with your KAYOTOM AT-600, please consider the following general troubleshooting steps:

- **No Power:** Ensure the battery is correctly installed and fully charged. Check the charging cable and adapter.
- **No Signal:** Verify that the device is in an area with 4G LTE cellular coverage. The device relies on cellular networks for its extended range.
- **Poor Audio Quality:** Check for obstructions around the microphone and speaker. Ensure you are within a stable network area. The advanced noise cancellation should handle most background noise.
- **Communication Issues:** Confirm that you are on the correct group or have selected the intended member for individual calls. Ensure the PTT button is pressed firmly when speaking and released when listening.
- **Device Unresponsive:** Try turning the device off and on again. If the issue persists, contact customer support.

## 9. WARRANTY AND SUPPORT

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The KAYOTOM AT-600 comes with a 1-year manufacturer's warranty. For any technical assistance, warranty claims, or further inquiries, please contact KAYOTOM customer service. Our dedicated support team is available to ensure your experience is worry-free and fully satisfying.

For group management or specific group name requests after purchasing multiple walkie-talkies, please send your account number on the card to customer service to facilitate group creation.