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## Potensic Atom 2

# Potensic Atom 2 Remote Controller User Manual

Model: Atom 2

## INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Potensic Atom 2 Remote Controller. Please read this manual thoroughly before operation and retain it for future reference. This remote controller is designed exclusively for use with the Potensic Atom 2 Drone.

## PRODUCT OVERVIEW

The Potensic Atom 2 Remote Controller offers intuitive controls and an ergonomic design for an enhanced flight experience with your Atom 2 Drone.



Image: The Potensic Atom 2 Remote Controller with a smartphone securely mounted in the holder, showcasing its design and integrated phone display.

## PACKAGE CONTENTS

- Potensic Atom 2 Remote Controller

- USB-C to USB-C Connection Cable
- USB-C to Lightning Connection Cable
- USB-C to Micro USB Connection Cable
- AAA Batteries (pre-installed or included separately)

## SETUP

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### 1. Battery Installation

The remote controller requires AAA batteries for operation. Ensure batteries are installed correctly.

1. Locate the battery compartment on the back of the remote controller.
2. Open the compartment cover.
3. Insert the AAA batteries, ensuring correct polarity (+ and – symbols match).
4. Close the battery compartment cover securely.

### 2. Smartphone Mounting

The remote controller features an integrated smartphone holder for viewing drone footage and settings.

1. Extend the smartphone holder located at the top of the remote controller.
2. Carefully place your smartphone into the holder, ensuring it is secure and centered.
3. Connect your smartphone to the remote controller using the appropriate cable (USB-C, Lightning, or Micro USB) provided.

### 3. Pairing with Drone

To establish a connection between the remote controller and the Potensic Atom 2 Drone:

1. Ensure both the drone and the remote controller are powered off.
2. Power on the drone first, then the remote controller.
3. Follow the specific pairing instructions provided in the Potensic Atom 2 Drone manual or the Potensic app to complete the connection process.

## OPERATING THE REMOTE CONTROLLER

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### 1. Controls Layout

Familiarize yourself with the control sticks and buttons on the remote controller:

- **Left Stick:** Controls the drone's altitude (up/down) and yaw (rotation left/right).
- **Right Stick:** Controls the drone's forward, backward, left, and right movement.
- **Power Button:** Press and hold to power the remote controller on or off.
- **"H" Button:** Activates the Return-to-Home (RTH) function, causing the drone to return to its recorded home point.
- Refer to the comprehensive Potensic Atom 2 Drone manual for detailed functions of all buttons and switches.

### 2. Pre-Flight Check

Before each flight, perform the following essential checks:

- Ensure the remote controller and drone batteries are fully charged.

- Verify the smartphone is securely mounted and correctly connected to the remote controller.
- Confirm successful pairing between the remote controller and the drone.
- Check for any visible physical damage to the remote controller, sticks, or buttons.

### 3. Flight Operation

The remote controller serves as the primary interface for controlling the drone's movements and camera functions. For detailed flight operation instructions, including takeoff, landing, and advanced maneuvers, please refer to the dedicated Potensic Atom 2 Drone user manual and the Potensic flight application.

## MAINTENANCE

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### 1. Cleaning

Regularly clean the remote controller with a soft, dry, lint-free cloth. Avoid using liquid cleaners, abrasive materials, or chemical solvents, as these can damage the surface or internal components.

### 2. Storage

When the remote controller will not be used for an extended period, remove the AAA batteries to prevent leakage and damage. Store the controller in a cool, dry place, away from direct sunlight, extreme temperatures, and high humidity.

### 3. Battery Care

Replace AAA batteries promptly when the low battery indicator appears. Do not mix old and new batteries, or different types of batteries, as this can lead to improper function or damage.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Remote controller does not power on.	Dead or incorrectly installed AAA batteries.	Replace AAA batteries with new ones or ensure correct polarity.
Cannot connect to the drone.	Drone not powered on; pairing failed; signal interference.	Ensure the drone is powered on. Re-attempt the pairing process as per the drone manual. Move to an area with less electromagnetic interference.
Smartphone not recognized or connected.	Incorrect connection cable; loose cable connection; smartphone settings.	Ensure you are using the correct cable for your smartphone. Verify the cable is firmly connected at both ends. Check your smartphone's USB connection settings.
Control sticks feel unresponsive.	Low remote controller battery; drone out of range; severe interference.	Replace remote controller batteries. Ensure the drone is within operational range. Avoid areas with strong signal interference.

## SPECIFICATIONS

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**Model:** Atom 2 Remote Controller

**Brand:** Potensic

**Product Dimensions:** 8.66 x 3.94 x 2.17 inches

**Item Weight:** 1.06 ounces

**Batteries:** AAA batteries (included)

**Connectivity Technology:** Wi-Fi

**Compatible Devices:** Potensic Atom 2 Drone Only

**Special Feature:** Lightweight design

## **WARRANTY AND SUPPORT**

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For detailed warranty information, technical support, or service inquiries regarding your Potensic Atom 2 Remote Controller, please visit the official Potensic website or contact their customer service department. It is recommended to retain your purchase receipt as proof of purchase for warranty claims.

**Potensic Official Website:** [www.potensic.com](http://www.potensic.com)

Please refer to the website for the most up-to-date contact information and support resources.