

Robosen K1 Pro

Robosen Interstellar Scout K1 PRO User Manual

The Ultimate Robot for Learning and Fun

1. INTRODUCTION

Welcome to the world of Robosen Interstellar Scout K1 PRO! This advanced humanoid robot is designed to provide an engaging and educational experience for users of all ages. With its 17 high-precision servo motors, voice control capabilities, and intuitive app integration, the K1 PRO offers a dynamic platform for learning about robotics, programming, and artificial intelligence. This manual will guide you through the setup, operation, and maintenance of your K1 PRO robot.



Figure 1: The Robosen Interstellar Scout K1 PRO robot in its standard standing pose.

2. WHAT'S INCLUDED

Please verify that all components are present in your K1 PRO package:

- Robosen Interstellar Scout K1 PRO Robot
- Charger
- USB Cable (for programming by computer)
- User Manual (this document)



Figure 2: The K1 PRO robot alongside its retail packaging, indicating included items.

3. INITIAL SETUP

3.1 Charging the Robot

Before first use, fully charge your K1 PRO robot. Connect the provided charger to the robot's charging port, typically located on its back. The LED indicator on the robot will show charging status (e.g., red for charging, green for fully charged). A full charge may take several hours.



Figure 3: The back of the K1 PRO robot, highlighting the charging port and other rear features.

3.2 Downloading the App

The Robosen K1 PRO is primarily controlled via a dedicated mobile application. Search for the "Robosen" app on your device's app store (iOS App Store or Google Play Store) and install it. Ensure your device meets the minimum system requirements for optimal performance.

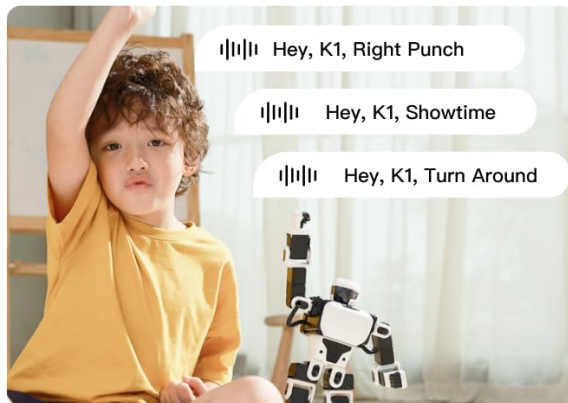
3.3 First Power On and Connection

Once charged, press and hold the power button on the robot until it powers on. Open the Robosen app on your mobile device and follow the on-screen instructions to connect to your K1 PRO via Bluetooth. Ensure Bluetooth is enabled on your device.

4. OPERATING YOUR K1 PRO

4.1 Voice Control

The K1 PRO responds to over 80 pre-installed voice commands. Speak clearly and directly to the robot's dual front microphones. Examples of commands include "Hey K1, Right Punch" or "Hey K1, Showtime." Refer to the app for a complete list of voice commands.



Intelligent Voice Control

The K1 Robot is voice-controlled with up to 80+ pre-installed voice commands, offering an immersive experience away from a screen.

Figure 4: Demonstrating the intelligent voice control feature of the K1 PRO robot.

4.2 App Control

The Robosen app provides comprehensive control over the K1 PRO. You can control its movements, trigger pre-set actions, and access various interactive features. The app allows for precise manipulation and offers an engaging way to interact with your robot.

Programmable Robot

Supporting manual programming and block-based programming, to create a variety of robot actions and to engage children in the joy of programming.



Figure 5: The Robosen app offers a fun and educational interface for controlling the K1 PRO.

4.3 Programming Modes

The K1 PRO supports both manual programming and block-based programming, making it an excellent tool for learning coding. The app provides an intuitive interface for dragging and dropping code blocks to create custom sequences of movements and actions. This feature fosters critical thinking and problem-solving skills.



Fun And Educational App

Use App to control K1's movements and unlock custom actions step by step, providing a sense of accomplishment while applying critical thinking skills.

Figure 6: The K1 PRO is a programmable robot, supporting various coding methods for educational play.

4.4 Product Overview Video

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Video 1: An official overview of the Robosen K1 Interstellar Scout, highlighting its programmable features and interactive capabilities.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your K1 PRO robot:

- **Cleaning:** Use a soft, dry cloth to wipe down the robot's exterior. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the robot in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For long-term storage, ensure the battery is charged to approximately 50%. Avoid fully discharging the battery for extended periods.
- **Joints:** The 17 servo motors are designed for durability. Avoid forcing joints beyond their natural range of motion.

6. TROUBLESHOOTING

If you encounter issues with your K1 PRO, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Robot does not power on	Low battery; Power button not pressed correctly	Charge the robot fully; Press and hold the power button for 3 seconds
Cannot connect via app	Bluetooth off; App not updated; Robot not in pairing mode	Ensure Bluetooth is on; Update app; Restart robot and app

Problem	Possible Cause	Solution
Voice commands not recognized	Background noise; Incorrect command; Robot too far	Reduce noise; Speak clearly; Move closer to robot; Check app for command list
Robot movements are jerky or unresponsive	Low battery; Obstruction; Software glitch	Recharge robot; Clear path; Restart robot and app

<h2>7. TECHNICAL SPECIFICATIONS</h2>	
Feature	Detail
Product Dimensions	3.9 x 13.7 x 6.9 inches
Item Weight	4.64 pounds
Item Model Number	K1 Pro
Manufacturer	Robosen
Manufacturer Recommended Age	5 - 5 years
Servo Motors	17
Voice Commands	82+ pre-installed words

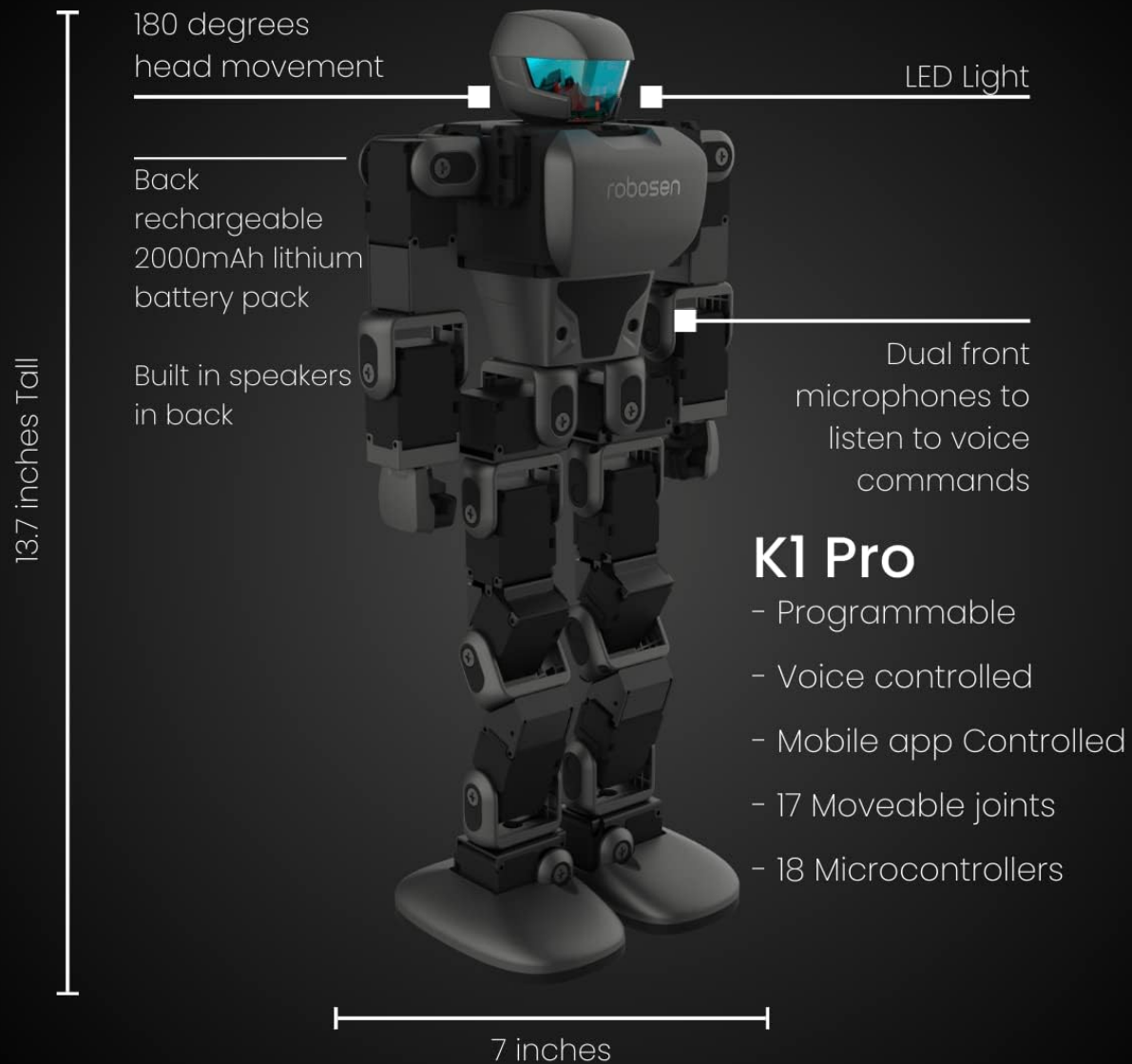

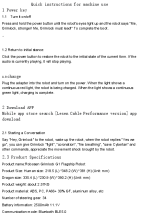






Figure 7: Detailed specifications and key features of the K1 PRO robot, including its dimensions and internal components.

8. WARRANTY AND SUPPORT

Robosen products are manufactured with high-quality standards. For information regarding your product's warranty, please refer to the warranty card included in your package or visit the official Robosen website. For technical support, troubleshooting assistance, or spare parts, please contact Robosen customer service through their official channels. You can also visit the [Robosen Store on Amazon](#) for additional resources and product information.

Related Documents - K1 Pro

	<p>Robosen Interstellar Scout Robot: Quick Start Guide and User Manual</p> <p>Comprehensive guide to the Robosen Interstellar Scout robot, covering setup, operation, features, programming, troubleshooting, and safety information. Learn how to control, program, and maintain your K1 robot.</p>
	<p>Robosen Grimlock G1 Flagship Robot: Quick Start Guide and Specifications</p> <p>Learn how to set up and operate your Robosen Grimlock G1 Flagship Robot. This guide includes instructions for power, charging, app download, voice commands, detailed product specifications, and FCC compliance information.</p>
	<p>Pro'sKit GE-735 AI Programmable Color-Sensing Chameleon Assembly Manual</p> <p>Detailed assembly and instruction manual for the Pro'sKit GE-735 AI Programmable Color-Sensing Chameleon. Learn how to build and operate this educational STEM toy.</p>
	<p>Robosen Elite Optimus Prime User Manual</p> <p>Comprehensive user manual for the Robosen Elite Optimus Prime transforming robot, covering product specifications, features, voice control, app operation, troubleshooting, safety warnings, FCC requirements, disclaimer, and warranty information.</p>
	<p>Buzz Lightyear User Manual - Robosen</p> <p>Comprehensive user manual for the Robosen Buzz Lightyear interactive robot. Learn about safety instructions, assembly, operation, voice commands, app control, and accessories for your Buzz Lightyear toy.</p>
	<p>WhalesBot D3 Pro STEM Robotic Kit: Assembly and Programming Guide</p> <p>Explore the world of robotics with the WhalesBot D3 Pro STEM kit. This guide provides detailed instructions for building four unique robots – the Exploding Drummer, Mill Robot, Dynamic Bicycle, and Weightlifter – along with programming activities using the WeCode Pad.</p>