

kolegend 1592-black

kolegend 22 Channel RC Excavator User Manual

Model: 1592-black | Brand: kolegend

INTRODUCTION

Thank you for choosing the kolegend 22 Channel RC Excavator. This professional-grade remote control construction vehicle is designed for realistic digging and maneuvering, offering an immersive experience for users aged 8 and up. With its durable metal shovel, independent arm motors, and 680-degree cab rotation, this 1:14 scale excavator is built for performance and fun. This manual provides essential information for setup, operation, maintenance, and troubleshooting to ensure you get the most out of your new RC Excavator.

SAFETY PRECAUTIONS

- Always operate the RC Excavator in a safe environment, away from people, pets, and obstacles.
- Do not operate near water or in wet conditions to prevent electrical damage.
- Ensure adult supervision for younger users.
- Use only the provided rechargeable battery and USB charging cable.
- Do not attempt to modify or disassemble the excavator or remote control.
- Keep small parts out of reach of young children to prevent choking hazards.

WHAT'S INCLUDED

- kolegend 22 Channel RC Excavator (1)
- Remote Control (1)
- 7.4V 1200mAh Rechargeable Battery (1)
- USB Charging Cable (1)

GETTING STARTED

Charging the Excavator Battery

Connect the 7.4V 1200mAh rechargeable battery to the USB charging cable. Plug the USB cable into a standard USB power adapter (not included). The indicator light on the USB cable will show charging status. A full charge takes approximately 3-4 hours and provides about 30 minutes of continuous play.



Image: The rechargeable battery pack and USB charging cable.

Installing Remote Control Batteries

Open the battery compartment on the back of the remote control. Insert 2 AA batteries (not included), ensuring correct polarity (+/-). Close the battery compartment securely.

Pairing the Remote Control

1. Ensure the excavator's battery is fully charged and installed.
2. Turn on the excavator using the power switch located on the chassis.
3. Turn on the remote control. The remote and excavator should automatically pair. If not, turn both off and repeat the process. The 2.4GHz frequency ensures a strong anti-jamming function, allowing multiple players without interference.

OPERATING YOUR RC EXCAVATOR

Remote Control Functions



Image: Detailed layout of the 2.4GHz remote control.

Control	Function
Left Joystick (Up/Down)	Forward / Reverse Movement
Left Joystick (Left/Right)	Left / Right Turning
Right Joystick (Up/Down)	Big Arm Up / Down
Right Joystick (Left/Right)	Forearm Rise / Forearm Down
Button (Top Left)	Workbench Rotate Left

Control	Function
Button (Top Right)	Workbench Rotate Right
Button (Middle Left)	Bucket Up / Digging Down
Button (Middle Right)	Bucket Down / Digging Up
Sound Switch	Toggle Realistic Sounds
Light Switch	Toggle Realistic Lights

Excavator Arm and Cab Control

The excavator features 3 separate motors on its digging arm, allowing for versatile movements. The cab can rotate a full 680 degrees, providing unlimited directional control for digging and dumping. Practice using the various arm and bucket controls to master precise movements.



Image: The excavator's cab can rotate 680 degrees for comprehensive digging.

Playing in Different Terrains

The durable design with high-quality ABS material and metal shovel, along with rubber dual track tires, provides excellent grip on various terrains. Enjoy operating your excavator in sand, dirt, and cement. For optimal performance and longevity, avoid deep water or extremely muddy conditions.



Image: The RC Excavator demonstrating its capabilities in sand.

CARE AND MAINTENANCE

- **Cleaning:** After use, especially in dusty or sandy environments, gently wipe down the excavator with a dry or slightly damp cloth. Do not use harsh chemicals or immerse in water.
- **Storage:** Store the excavator and remote control in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries from the remote control if not used for extended periods.
- **Battery Care:** Always fully charge the excavator battery before storage if it will not be used for a long time. Do not overcharge or leave charging unattended.

TROUBLESHOOTING

Problem	Possible Solution
Excavator does not turn on.	Ensure the excavator battery is fully charged and correctly installed. Check the power switch.
Remote control not responding.	Check remote control batteries and ensure they are installed correctly. Re-pair the remote control with the excavator.
Weak performance or short play time.	The excavator battery may need recharging. Ensure it is fully charged before each use.
Interference during operation.	Move to an area with less electronic interference. Ensure no other 2.4GHz devices are operating nearby on the same frequency.

PRODUCT SPECIFICATIONS

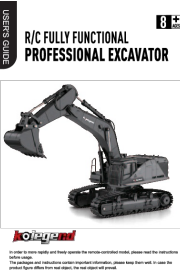


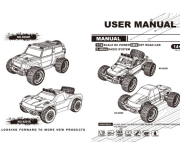
Feature	Detail
Product Dimensions	20.08 x 7.6 x 12.6 inches
Item Weight	3 pounds
ASIN	B086SSRS6S
Item Model Number	1592-black
Manufacturer Recommended Age	8 years and up
Batteries Required	1 AA battery (included for remote, 7.4V 1200mAh rechargeable for excavator)
Manufacturer	kolegend

WARRANTY AND CUSTOMER SUPPORT

For any questions, concerns, or warranty inquiries regarding your kolegend RC Excavator, please contact the manufacturer directly through their official website or the retailer where the product was purchased. Please refer to the original packaging or the official product page for specific contact details.

An additional user manual in PDF format may be available for download from the product's Amazon page or the manufacturer's website for more detailed information: [Download PDF User Manual](#)

Related Documents - 1592-black

 <p>R/C FULLY FUNCTIONAL PROFESSIONAL EXCAVATOR</p> <p>Kolegend</p> <p><small>In order to enjoy safely and fully operate the remote-controlled model, please read the instructions carefully. The package and its contents are under the copyright of Kolegend Co., Ltd. All rights reserved. The package and its contents are under the copyright of Kolegend Co., Ltd. All rights reserved.</small></p>	<p>Kolegend R/C Fully Functional Professional Excavator User's Guide</p> <p>Comprehensive user's guide for the Kolegend R/C Fully Functional Professional Excavator, model NO.K-104. Details remote control functions, battery installation and charging, operation, and safety precautions. Manufactured by Guangdong Huina Model Co., Ltd.</p>
 <p>Kolegend</p>	<p>Kolegend Fifteen-Channel Remote-Controlled Excavator Instruction Manual</p> <p>Comprehensive instruction manual for the Kolegend Fifteen-Channel Remote-Controlled Excavator, detailing battery precautions, installation, operation of various functions, and parts replacement for this RC construction toy.</p>
 <p>TROUBLESHOOTING GUIDE</p> <p>Kolegend</p>	<p>Kolegend RC Car Troubleshooting Guide</p> <p>This guide offers solutions for common issues with the Kolegend 1:10 Scale RC Car, covering steering, pairing, battery, and operational problems to ensure optimal performance.</p>
 <p>USER MANUAL</p> <p>Kolegend</p>	<p>Kolegend 1/10 Scale RC Truck User Manual - High Speed 4WD Off-Road Vehicle</p> <p>Comprehensive user manual for the Kolegend 1/10 scale RC truck (models 9202, 9203). Learn about features like 48+ KM/H speed, 4WD, dual batteries, operation, maintenance, and troubleshooting for this hobby-grade electric toy.</p>