Glikid FC9017

Glikid STEM RC Robot Building Kit FC9017

3-in-1 App & Remote Control Robotics Instruction Manual

INTRODUCTION

Welcome to the Glikid STEM RC Robot Building Kit! This manual provides detailed instructions for assembling and operating your 3-in-1 robotics kit. Designed to foster creativity, problem-solving skills, and an understanding of STEM principles, this kit allows you to construct an Automotive Robot, a Track Crocodile, or a Mechanical Tank. Please read this manual thoroughly before beginning assembly or operation.

SAFETY INFORMATION

WARNING:

- Not suitable for children under 3 years due to small parts. Choking hazard.
- Adult supervision is recommended during assembly and play.
- Keep batteries away from young children.
- Do not disassemble or modify the motor unit or remote control.
- Ensure the robot is turned off when not in use or during charging.

WHAT'S IN THE BOX

Your Glikid STEM RC Robot Building Kit includes the following components:

- Branded Packaging Box

- Instruction Manual (Printed)
- Building Blocks Bags (numbered for sequential assembly)
- Motor Block with built-in 3.7V 500mAh Li-Po battery
- 2.4GHz Remote Controller (requires 2 AAA batteries, not included)
- Type-C to USB Charging Cable
- Decorative Stickers
- Small Screwdriver (for battery compartment)

Image: Overview of the Glikid STEM RC Robot Building Kit, showcasing the main robot model, two alternative builds (Track Crocodile and Mechanical Tank), the remote control, and a smartphone displaying the app control interface.

ASSEMBLY INSTRUCTIONS

This kit allows you to build one of three exciting models: the Automotive Robot, the Track Crocodile, or the Mechanical Tank. Only one model can be built at a time. Please refer to the included printed instruction manual for detailed, step-by-step visual guides for each model.

General Building Tips:

- Organize your parts: The building blocks are provided in numbered bags. Follow the sequence indicated in the manual.
- Pay close attention to the illustrations for correct part placement and orientation.
- Ensure all connections are firm to prevent parts from detaching during play.
- If a piece is missing, please contact customer support at SUPPORT@GLIKID.COM.

3 Build Options for Triple Challenges

Level: ★★★★☆
Automotive Robot
776 PCS

Level: ★★★☆☆
Track Crocodile
662 PCS

Level: ★★★☆☆
Mechanical Tank
659 PCS

Image: The three distinct models that can be constructed from the Glikid STEM RC Robot Building Kit: the Automotive Robot (776 pieces), the Track Crocodile (662 pieces), and the Mechanical Tank (659 pieces).

Video: A demonstration of the building process and play with a Glikid robot kit, highlighting the step-by-step assembly and various play modes. This video is provided by a seller.

POWER AND CHARGING

The robot is powered by a built-in 3.7V 500mAh Li-Po battery, safely embedded within the motor block. The remote control requires 2 AAA batteries (not included).

Charging the Robot:

- Use the provided Type-C to USB cable to charge the robot's internal battery.

- Connect the Type-C end to the robot's charging port and the USB end to a compatible USB power source (e.g., computer, wall adapter).
- A full charge provides up to 45 minutes of play. The robot can also be operated with a partial charge.

Installing Remote Control Batteries:

- Locate the battery compartment on the back of the remote control.
- Use the included small screwdriver to open the compartment.
- Insert 2 AAA batteries, ensuring correct polarity (+/-).
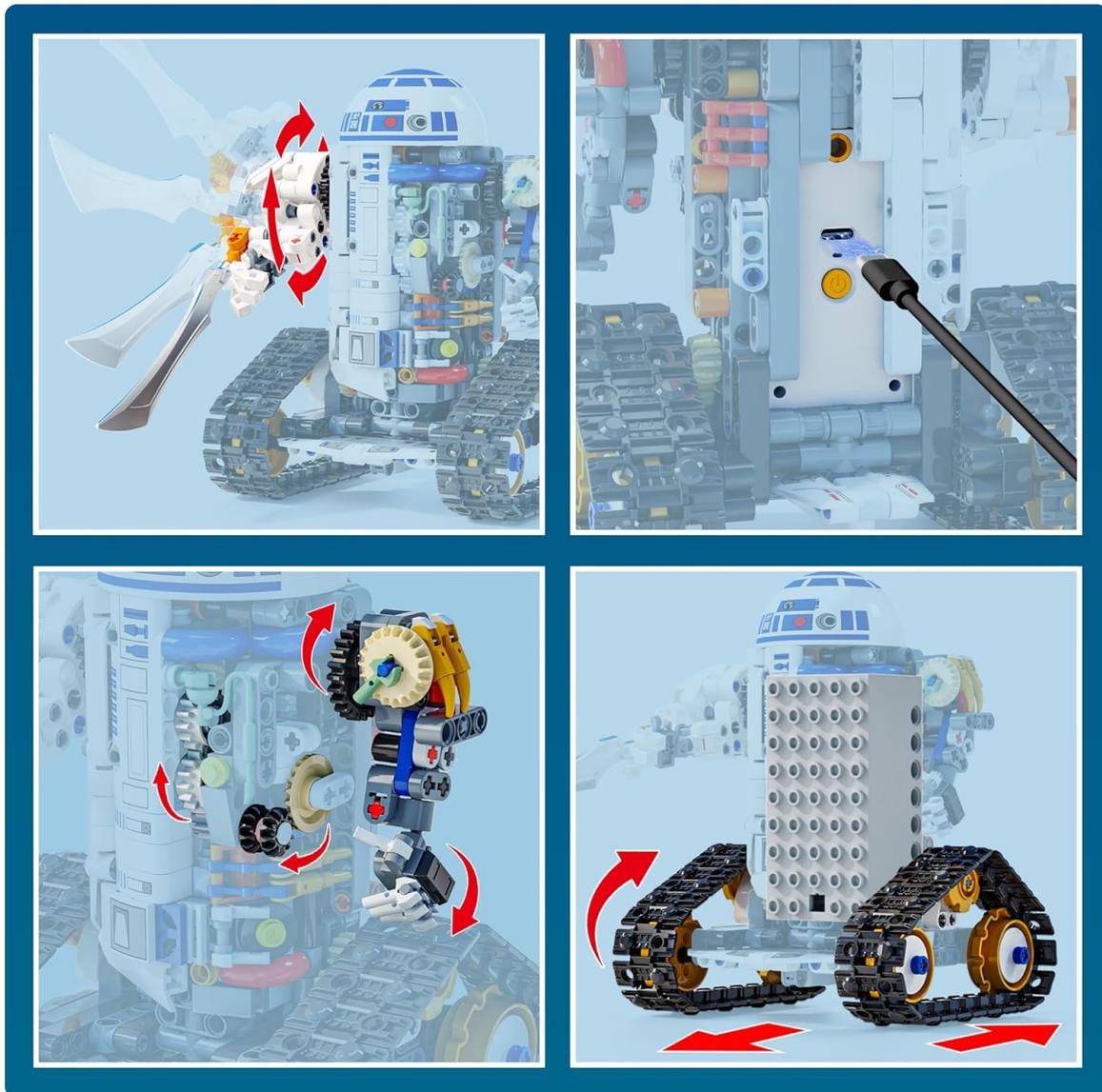- Close the compartment and secure it with the screw.

Image: Detailed views of the robot's internal mechanisms, including the charging port for the built-in battery, gear-linked blade motion, and track drive system.

OPERATING INSTRUCTIONS

Your Glikid robot can be controlled via the included 2.4GHz remote controller or through a dedicated Bluetooth app on your smartphone.

Remote Control Operation:

- Turn on the robot and the remote control. The remote's indicator light will show connection status.
- Use the joysticks for forward, backward, left, and right movement.
- Additional buttons on the remote can control specific expansion parts or programmed functions.

Video: A demonstration of the Glikid 3-in-1 robot models (Automotive Robot, Track Crocodile, Tank) in action, showcasing their movement and features under remote control. This video is provided by the seller, Glikid Direct.

App Control Operation:

- Download the Glikid control app using the QR code provided in the manual.
- Ensure Bluetooth is enabled on your smartphone and connect to the robot.
- The app features 4 play modes:
  - **Control Mode:** Standard joystick-like controls for movement.
  - **Driving Mode:** Utilizes smartphone's gyroscope for intuitive steering.
  - **Path Mode:** Draw a path on your screen, and the robot will follow it.
  - **STEM Coding Mode:** Program custom sequences of movements and actions.

Image: A child engaging with the Glikid robot using a smartphone app, demonstrating the app control feature for the STEM robotics kit.

KEY FEATURES

- **3-in-1 Building Options:** Construct an Automotive Robot, Track Crocodile, or Mechanical Tank.
- **Gear-Linked Blade Motion:** The right arm of the Automotive Robot rotates a side-mounted blade in full circles as the tracks move, creating a dynamic mechanical effect.
- **Adjustable Arms and Head:** The left arm and fingers are adjustable, and the capsule head can be opened for interactive play.
- **Smooth 360° Movement:** The stable structure and moderate speed allow for versatile movement.
- **Dual Control Modes:** Operate using the 2.4GHz remote controller or the Bluetooth-enabled app with multiple play modes.
- **Rechargeable Battery:** The built-in Li-Po battery provides up to 45 minutes of play per charge.

MAINTENANCE

- **Cleaning:** Wipe the robot and remote control with a dry, soft cloth. Do not use water or cleaning agents.
- **Storage:** Store the kit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Fully charge the robot's battery before long-term storage. Do not overcharge or leave completely discharged for extended periods.
- **Disassembly:** When rebuilding into a different model, carefully disassemble the current model to avoid damaging parts.

TROUBLESHOOTING

- **Robot not responding:**
  - Ensure the robot and remote control are both powered on.
  - Check if the robot's battery is charged.
  - Replace the AAA batteries in the remote control if necessary.
  - Ensure the remote control or app is properly paired with the robot.

- **App connection issues:**
  - Verify Bluetooth is active on your device.
  - Restart the app and the robot.
  - Ensure your device meets the app's minimum system requirements.

- **Parts not fitting:**
  - Double-check the instruction manual for correct part orientation and placement.
  - Apply gentle, firm pressure. Do not force parts together.

SPECIFICATIONS

- **Model Number:** FC9017
- **Brand:** Glikid
- **Product Dimensions:** 12.6 x 8.66 x 2.17 inches
- **Item Weight:** 1.98 pounds
- **Recommended Age:** 8 years and up
- **Robot Battery:** Built-in 3.7V 500mAh Li-Po (rechargeable via Type-C USB)
- **Remote Control Batteries:** 2 AA batteries required (not included)
- **Control Frequency:** 2.4GHz (Remote), Bluetooth (App)

WARRANTY AND SUPPORT

Glikid is committed to providing high-quality products and excellent customer service. If you encounter any issues, such as missing parts or operational problems, please do not hesitate to contact us.

- **Missing Parts:** If any pieces are missing, please reach out to our support team. We will arrange for replacements.
- **Contact Information:** You can find our contact details on the product packaging and in the included manual. For direct assistance, please email us at SUPPORT@GLIKID.COM. We aim to respond within 24 hours.