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› KingsDragon RC Gesture Sensing Robot Toy Model 822 User Manual

## KingsDragon 822

# KingsDragon RC Gesture Sensing Robot Toy Model 822 User Manual

## INTRODUCTION

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This manual provides essential information for the safe and effective operation of your KingsDragon RC Gesture Sensing Robot Toy, Model 822. Please read these instructions thoroughly before use and retain them for future reference. This interactive robot offers remote control and gesture sensing capabilities, along with programmable actions, singing, and dancing features.

## SAFETY INFORMATION

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**WARNING: CHOKING HAZARD – Small parts. Not for children under 3 years.**

Always supervise children during play. Ensure the robot is used on a flat, clear surface to prevent falls or damage. Keep the robot and its accessories away from water and extreme temperatures. Do not attempt to disassemble or modify the robot, as this may cause malfunction or injury.

## PACKAGE CONTENTS

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- 1 x KingsDragon RC Gesture Sensing Robot Toy (Model 822)
- 1 x Remote Control
- 1 x USB Charging Cable
- 1 x User Manual

Please verify all items are present upon unboxing. If any components are missing or damaged, contact customer support.



Image: The KingsDragon Robot Toy, its remote control, and USB charging cable, illustrating the complete package contents and dimensions.

## PRODUCT OVERVIEW

The KingsDragon Robot Toy is designed for engaging play with multiple control options and interactive features. Key components include:

- **LED Eyes:** Illuminate during operation and indicate robot status.
- **Gesture Sensor:** Located on the robot's chest, enabling hand gesture control.
- **Power Button:** Activates and deactivates the robot.
- **Integrated Wheels:** Located on the feet for smooth movement.
- **Movable Arms and Fingers:** Allow for dynamic poses and interaction.
- **Remote Control:** Provides comprehensive command over the robot's functions.



Image: A detailed diagram showing the robot's features and the layout of the remote control buttons.

## SETUP

1. Carefully remove the robot and all accessories from its packaging.
2. Insert 2 AA batteries (not included) into the remote control, ensuring correct polarity.
3. For initial use, charge the robot via the provided USB cable for approximately 2 hours. The robot's charging port is typically located on its back or side.
4. Turn on the robot using the power button, usually located on its chest.

## OPERATING INSTRUCTIONS

### Remote Control Operation

The remote control allows for precise command over the robot's movements and functions. Use the directional buttons to move the robot forward, backward, left, or right. Specific buttons are dedicated to programming, singing, dancing, and adjusting volume.

### Gesture Sensing Operation

The robot can respond to hand gestures for basic movements. Position your hand in front of the robot's gesture sensor (located on its chest) and move your hand to direct the robot. Moving your hand forward will

make the robot move forward, backward for backward movement, and left or right for corresponding turns. The robot's LED eyes will light up during movement.



Image: Visual guide for controlling the robot using hand gestures.

### Programming Functions

The remote control features a programming mode that allows you to record a sequence of up to 50 moves. To program the robot, press the 'Program' button on the remote, then input your desired sequence of movements and actions. Press 'Program' again to save and execute the sequence. This feature enables customized play patterns.

# INTELLECTUAL PROGRAMMING

The robot can be programmed to carry out movements as you create.

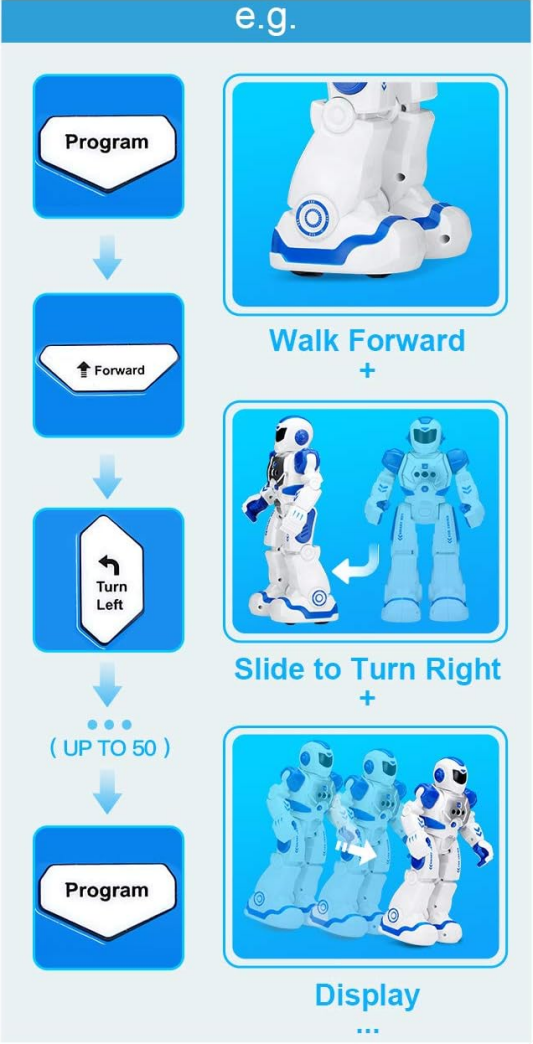


Image: A flowchart detailing the steps for programming the robot's movements.

# programmable smart robot

CARRY OUT UP TO 50 ACTIONS BY  
SETTING ON REMOTE.

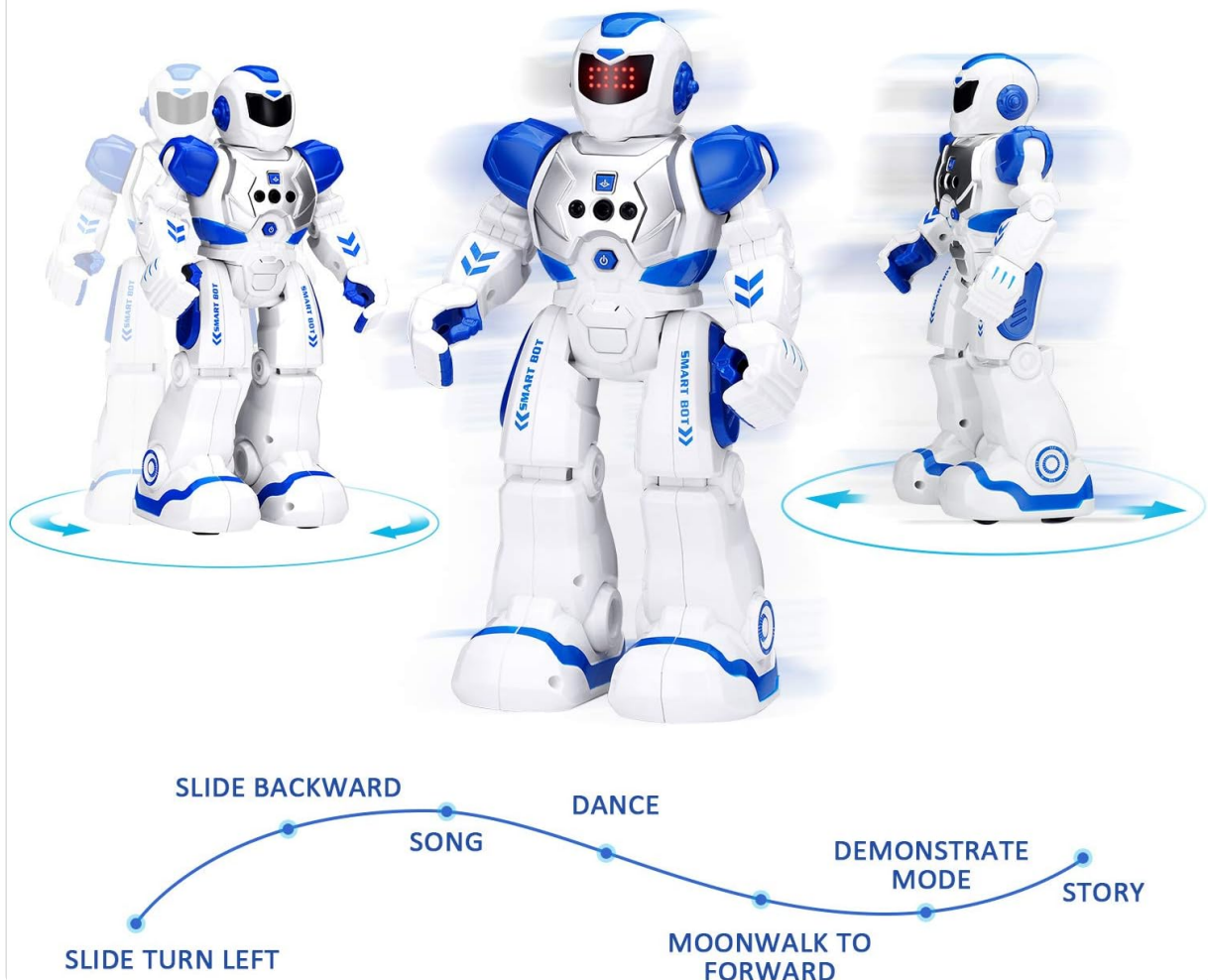


Image: An illustration of the range of actions that can be programmed into the robot.

## Singing and Dancing Functions

The robot is equipped with pre-programmed songs and dance routines. Press the 'Music' or 'Song' buttons on the remote control to activate these features. The robot will sing and dance to the beat. A volume control feature on the remote allows you to adjust the sound level of music and talking.



Image: The robot performing its singing and dancing functions.

## CHARGING THE ROBOT

The robot is powered by a rechargeable Lithium Polymer battery. To charge, connect the provided USB charging cable to the robot's charging port and to a compatible USB power source (e.g., computer USB port, USB wall adapter). A full charge typically takes 2 hours and provides 1.5-3 hours of uninterrupted play time, or 15-30 days in standby mode.

### **Important Safety Note:**

Always monitor the robot during charging. If you notice any unusual heat, smell, or deformation, immediately disconnect the charging cable and discontinue use. Do not leave the robot charging unattended or overnight.

## MAINTENANCE

- Clean the robot and remote control with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Avoid exposing the robot to direct sunlight or high temperatures for extended periods.
- When not in use for a long time, turn off the robot and remove batteries from the remote control to prevent leakage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Robot does not turn on.	Low battery or power switch off.	Charge the robot fully. Ensure the power switch is in the 'ON' position.
Robot does not respond to remote control.	Remote control batteries are low or incorrect. Robot is out of range. Interference.	Replace remote control batteries. Ensure robot and remote are within operating range. Minimize interference from other electronic devices.
Robot does not respond to hand gestures.	Hand not positioned correctly or sensor is obstructed.	Ensure hand is directly in front of the gesture sensor. Clear any obstructions from the sensor.
Short play time after charging.	Battery not fully charged or battery degradation.	Ensure the robot is charged for the recommended 2 hours. If the issue persists, the battery may need replacement (contact support).

## SPECIFICATIONS

- **Model Number:** 822
- **Product Dimensions:** 5.91 x 3.54 x 10.24 inches
- **Item Weight:** 1.23 pounds
- **Recommended Age:** 6 - 10 years
- **Batteries:** 1 Lithium Polymer battery (included for robot), 2 AA batteries (not included for remote)
- **Charging Time:** Approximately 2 hours
- **Play Time:** 1.5 - 3 hours (uninterrupted)

## WARRANTY AND SUPPORT

For warranty information, technical support, or inquiries regarding your KingsDragon RC Gesture Sensing Robot Toy Model 822, please refer to the contact details provided on the product packaging or visit the official KingsDragon website. Keep your purchase receipt as proof of purchase.