

Robot Dog User Manual

Document Version: V1.0

1. Introduction

This robot dog is an intelligent interactive toy designed for children and technology enthusiasts, integrating entertainment, education, and interaction. It features bionic movements (walking, running, shaking head, wagging tail), voice control, gesture recognition, and multiple interactive modes, bringing a realistic pet-keeping experience without the trouble of feeding and cleaning. With a rechargeable battery, easy operation, and safe material, it is suitable for children aged 6 and above. The compact and durable design ensures long-term use. Please read this manual carefully before use to ensure correct operation, protect the device, and enjoy the best interactive experience.

2. Package Contents

- 1 × Robot Dog Main Body
- 1 × Rechargeable Lithium Battery (1 × 2000mAh)
- 1 × USB Charging Cable (Length: 1.2m)
- 1 × Remote Control (2 × AAA Batteries Included)
- 1 × User Manual
- 1 × Charging Base (Optional, for wireless charging models)
- 1 × Cleaning Cloth

3. Key Features

- Bionic Movements: Simulates real dog actions, including walking, running, shaking head, wagging tail, sitting, and lying down, with smooth and realistic movements.
- Dual Control Modes: Remote control (effective range $\leq 8\text{m}$) for precise operation; voice control (supports 10+ voice commands) for hands-free interaction.
- Interactive Functions: Responds to touch (head, back), makes realistic dog barks and whimpers, and supports interactive games (fetch, follow me).
- Rechargeable Battery: 2000mAh high-capacity lithium battery, supporting up to 2 hours of continuous use after full charge, with over-charge protection.

- **Safe & Durable:** Made of non-toxic ABS plastic, smooth edges to avoid scratches; waterproof surface (IP44) to resist minor splashes.
- **Educational & Entertaining:** Helps children develop hands-on ability and sense of responsibility; suitable for family entertainment and parent-child interaction.
- **Easy Operation:** Intuitive remote control buttons, clear voice prompts, no complicated settings, suitable for children to use independently.
- **Auto Sleep:** Automatically enters sleep mode after 5 minutes of inactivity to save power; wake up by pressing any button on the remote or touching the robot dog.

4. Technical Specifications

Parameter	Details
Battery Capacity	2000mAh Rechargeable Lithium Battery
Charging Time	Approximately 3 hours (5V/1A charger)
Working Time	1.5-2 hours (depending on usage mode)
Control Range	Remote Control: ≤8m; Voice Control: ≤3m
Voice Commands	10+ (e.g., “Walk” , “Sit” , “Wag Tail” , “Bark”)
Material	Non-toxic ABS Plastic + Silicone
Waterproof Level	IP44 (resists minor splashes, not for immersion)
Working Temperature	0°C – 40°C
Size	25cm (Length) × 15cm (Width) × 18cm (Height)
Weight	Approximately 800g

5. How to Use

5.1 Preparation Before Use

1. Unpack the product and check if all package contents are complete. If any parts are missing or damaged, contact customer service immediately.
2. Install batteries for the remote control: Open the battery compartment on the back of the remote, insert 2 × AAA batteries according to the polarity mark, and close the compartment cover.
3. Charge the robot dog:
 - Wired Charging: Connect one end of the USB charging cable to the robot dog's charging port (on the belly or back), and the other end to a 5V/1A power adapter or computer USB port. The charging indicator will turn red; when fully charged, it will turn green. Disconnect the cable after charging.
 - Wireless Charging (Optional): Place the robot dog on the charging base, ensuring the charging contacts are aligned. The charging indicator will light up red, and turn green when fully charged.
4. Turn on the robot dog: Press and hold the “Power” button on the robot dog's back for 2 seconds until the indicator light turns blue and you hear a bark sound, indicating it is powered on and ready for use.

5.2 Remote Control Operation

The remote control has intuitive buttons, each corresponding to a specific function. Press the buttons to control the robot dog's movements and actions:

- Power Button: Press to turn the robot dog on/off (can also be operated on the robot dog's body).
- Forward/Backward Buttons: Press to make the robot dog walk forward or backward; press and hold to make it run.
- Left/Right Turn Buttons: Press to make the robot dog turn left or right.
- Sit/Lie Down Buttons: Press the “Sit” button to make the robot dog sit down; press the “Lie Down” button to make it lie down.
- Wag Tail Button: Press to make the robot dog wag its tail continuously.
- Bark Button: Press to make the robot dog bark; press and hold for continuous barking.
- Game Button: Press to start the interactive game mode (fetch/follow me), and the robot dog will respond accordingly.
- Volume Button: Press “+” to increase volume, “-” to decrease volume.

5.3 Voice Control Operation

1. Ensure the robot dog is powered on and in voice control mode (indicator light flashes blue slowly).
2. Stand within 3m of the robot dog, speak clearly and loudly the voice commands (supported commands are listed below).
3. The robot dog will respond with a bark and perform the corresponding action after recognizing the command.

Supported Voice Commands:

- “Walk” – The robot dog walks forward.
- “Stop” – The robot dog stops moving.
- “Sit” – The robot dog sits down.
- “Lie down” – The robot dog lies down.
- “Wag tail” – The robot dog wags its tail.
- “Bark” – The robot dog barks once.
- “Follow me” – The robot dog follows the user’ s movements.

5.4 Interactive Functions

- Touch Interaction: Gently touch the robot dog’ s head or back, and it will make a happy whimper sound and wag its tail, simulating a real dog’ s response.
- Fetch Game: Press the “Game” button on the remote, and the robot dog will move around to “fetch” an imaginary object; call its name (or use the “Come here” command) to make it return.
- Follow Mode: In voice control mode, say “Follow me” , and the robot dog will follow the user’ s movements, keeping a distance of 50-80cm.

5.5 Power Off & Auto Sleep

- Manual Power Off: Press and hold the “Power” button on the robot dog’ s back for 2 seconds until the indicator light turns off and you hear a whimper sound, indicating it is powered off.
- Auto Sleep: If the robot dog is inactive for 5 minutes, it will automatically enter sleep mode (indicator light turns off). Wake it up by pressing any button on the remote or touching its head/back.

6. Safety Instructions

- This product is suitable for children aged 6 and above. Children under 6 years old should use it under adult supervision to avoid accidental injury.
- Do not disassemble, modify, or squeeze the robot dog, battery, or remote control. Disassembly may damage internal components and cause safety hazards (e.g., battery leakage).
- Keep the robot dog away from high temperature, humidity, water (except minor splashes), and fire. Do not immerse it in water, as this may cause short circuits and damage.
- Do not touch the robot dog's moving parts (legs, tail) while it is operating, as this may cause pinching or scratching.
- The robot dog's battery is a lithium battery; do not short-circuit, puncture, or expose it to high temperature. Do not charge it with non-standard chargers to avoid explosion or leakage.
- Keep small parts (batteries, remote control) away from children under 3 years old to avoid choking hazards.
- Do not use the robot dog on uneven or slippery surfaces (e.g., stairs, wet floors), as it may fall and be damaged.
- If the robot dog overheats, makes abnormal noises, or emits a strange smell, turn it off immediately, remove the battery, and contact customer service for repair.
- Do not use the robot dog near strong magnetic fields (e.g., microwaves, refrigerators), as this may affect its control performance.

7. Maintenance & Cleaning

- **Cleaning the Robot Dog:** Turn off the robot dog and disconnect the charging cable before cleaning. Use a soft, dry cloth to wipe the body, legs, and tail. For stubborn dirt, use a slightly damp cloth (wrung out thoroughly) and dry immediately. Do not use water or chemical cleaners.
- **Battery Maintenance:** Charge the battery before it is completely drained to extend its service life. If the robot dog is not in use for a long time, remove the battery and store it in a dry, cool place. Charge the battery once every 3 months to maintain its performance.
- **Remote Control Maintenance:** Replace the remote control batteries when the control range decreases or the buttons do not respond. Use new batteries of the same brand and model; do not mix old and new batteries.
- **Storage:** When not in use, store the robot dog, battery, and remote control in a dry, cool, and dust-free place, away from high temperature, humidity, and direct sunlight. Avoid placing heavy objects on the robot dog to prevent deformation.

- **Avoid Collision:** Do not drop the robot dog or let it collide with hard objects, as this may damage its internal structure and moving parts.

8. Troubleshooting

Problem	Possible Causes	Solution
Robot dog won't turn on	1. Battery is dead; 2. Battery is not installed correctly; 3. Power button is faulty.	1. Charge the battery fully; 2. Reinstall the battery according to the polarity mark; 3. Contact customer service for repair.
Remote control not working	1. Remote batteries are dead; 2. Remote is out of control range; 3. Obstacles between remote and robot dog.	1. Replace the remote batteries; 2. Move within 8m of the robot dog; 3. Remove obstacles.
Robot dog does not respond to voice commands	1. Voice control mode is not activated; 2. Distance is too far; 3. Background noise is too loud.	1. Ensure the robot dog is in voice control mode (flashing blue light); 2. Stand within 3m; 3. Reduce background noise and speak clearly.
Robot dog moves abnormally (e.g., stumbles, cannot walk)	1. Surface is uneven or slippery; 2. Moving parts are blocked by dirt; 3. Battery is low.	1. Move to a flat, dry surface; 2. Clean the moving parts with a soft cloth; 3. Charge the battery.
Battery drains quickly	1. Volume is too high; 2. Continuous use in running mode; 3. Battery is old or damaged.	1. Reduce the volume; 2. Alternate between different modes; 3. Replace with a new battery.
Cannot charge the robot dog	1. USB cable is damaged; 2. Charging port is dirty; 3. Charger is incompatible.	1. Replace with a new USB cable; 2. Clean the charging port with a dry cotton swab; 3. Use a 5V/1A charger.
Robot dog makes abnormal noises	1. Moving parts are blocked; 2. Internal	1. Check and remove obstacles; 2. Contact

	components are loose; 3. Battery is low.	customer service for repair; 3. Charge the battery.
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9. Contact Us

For technical support, warranty claims, or product-related questions (e.g., repair, replacement parts, function updates), please contact our customer service team:

- Email: support@example.com
- Official Website: www.example.com
- Working Hours: Monday – Friday, 9:00 – 18:00 (GMT+8)

Warranty: This product comes with a 12-month warranty from the date of purchase. For warranty service, please provide your purchase receipt and product serial number (located on the bottom of the robot dog’ s body).

(注： 文档部分内容可能由 AI 生成)