

STEMTRON 6601

STEMTRON Programmable Robot Dog/Cat Instruction Manual

Model: 6601

1. SAFETY INFORMATION

Please read all instructions before operating the robot. Keep this manual for future reference.

- **Choking Hazard:** This product contains small parts and is not suitable for children under 3 years of age. Adult supervision is recommended during play.
- Do not operate the robot near water or in wet conditions.
- Ensure the robot is turned off when not in use or during charging.
- Use only the provided charging cable.
- Do not attempt to disassemble or modify the robot or remote control.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Robot Dog/Cat x 1
- Remote Controller x 1
- USB Charging Cable x 1



What's In The Box

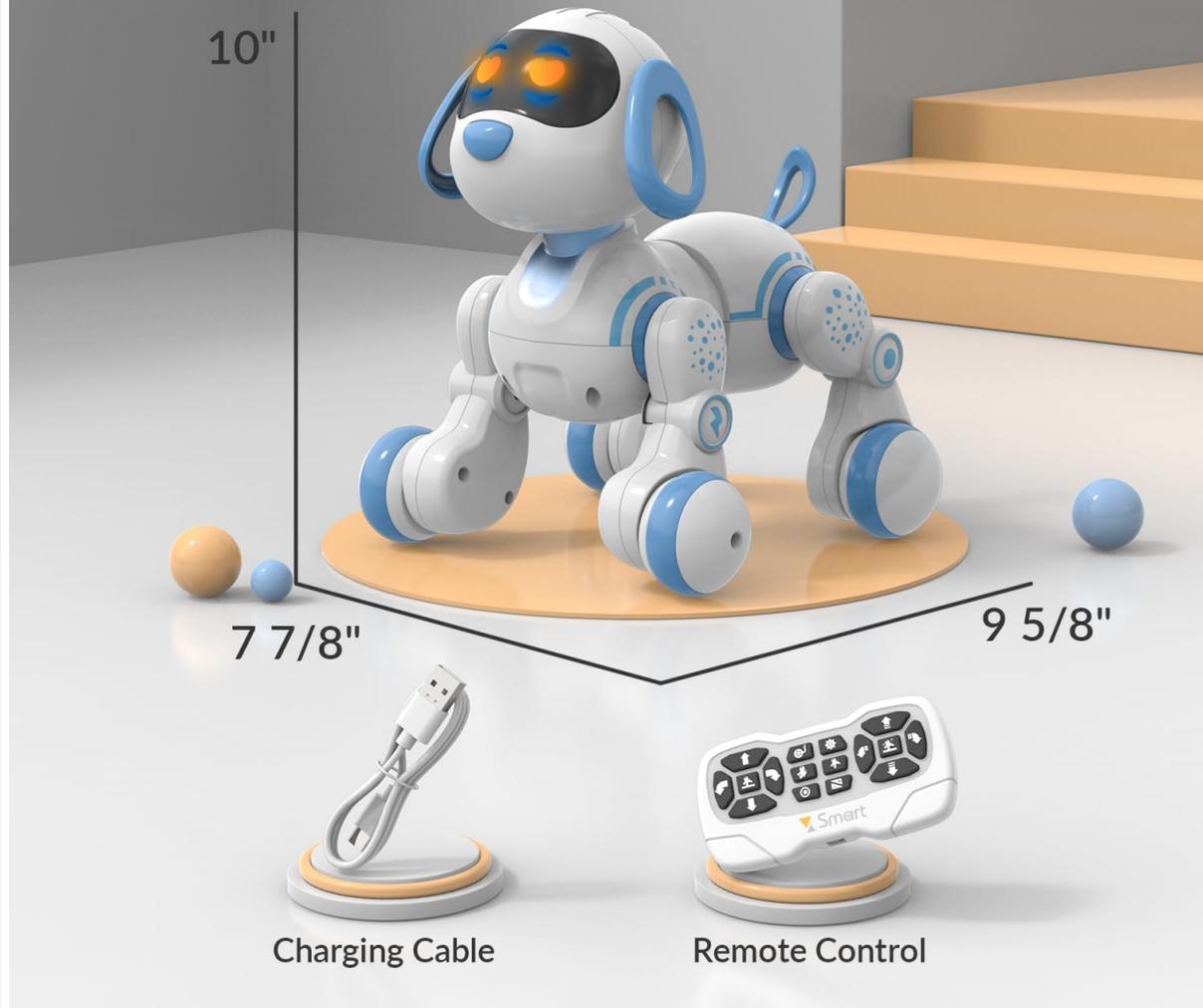


Image: The package contents, showing the robot, remote control, and charging cable.

3. PRODUCT OVERVIEW

The STEMTRON Programmable Robot Dog/Cat is an interactive robotic pet designed for children aged 3 and up. It features advanced head touch sensing, LED eyes, and various programmable actions including dancing and playing music.

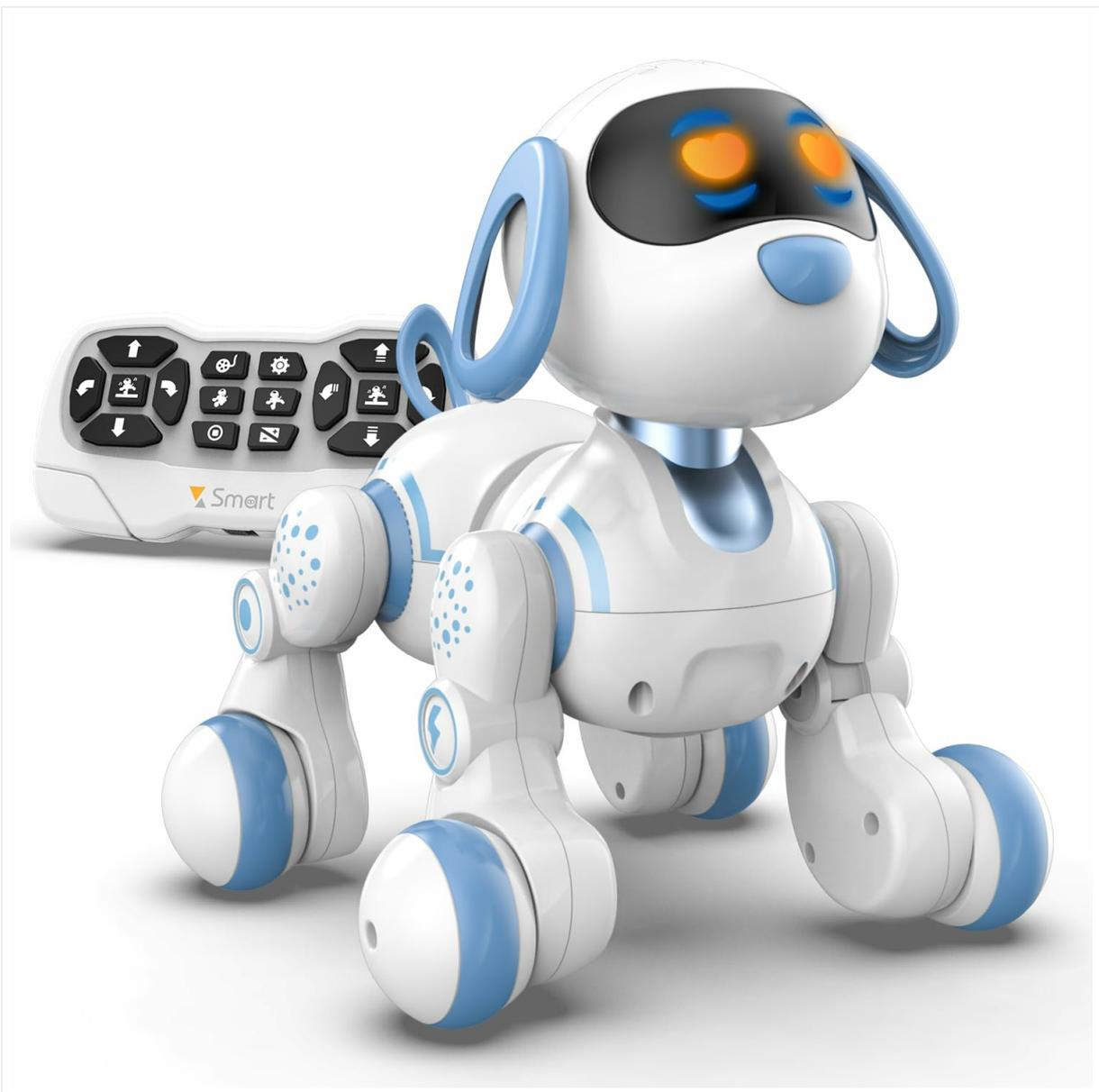


Image: The STEMTRON robot dog, showcasing its design and LED eyes.

Key Features:

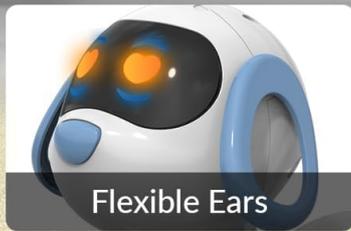
- **Interactive Touch Sensing:** Responds to head touches with actions like barking and push-ups.
- **Programmable Actions:** Customize sequences of movements and commands.
- **Music and Dance:** Performs 5 different dances with built-in music.
- **LED Eyes:** Expresses emotions through dynamic LED eye patterns.
- **Adjustable Volume:** 5 volume settings for sound control.
- **Flexible Design:** Twistable waist allows for various animal-like forms.



Attractive Details



LED Emotions



Flexible Ears



Soft Tail



Image: Detailed view of the robot's LED eyes, flexible ears, and soft tail.

4. SETUP

4.1 Charging the Robot

The robot is powered by a rechargeable 3.7V 400mAh Lithium Ion battery (included). A full charge provides approximately 1 hour of playtime.

1. Locate the charging port on the robot.
2. Connect the USB charging cable to the robot's charging port and to a USB power source (e.g., computer, USB wall adapter).
3. The charging indicator light will illuminate during charging and turn off when fully charged.
4. Charging typically takes approximately 60-90 minutes.

4.2 Installing Remote Control Batteries

The remote control requires 2 x AAA batteries (not included).

1. Open the battery compartment on the back of the remote control.
2. Insert 2 new AAA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment securely.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To turn on the robot, slide the power switch located on its underside to the 'ON' position. The LED eyes will light up.
- To turn off the robot, slide the power switch to the 'OFF' position.

5.2 Remote Control Functions

The remote control allows you to command the robot's movements and actions. Ensure the robot is powered on and within range of the remote control.



Image: The remote control layout, illustrating buttons for different actions like slide forward, walk forward, sit down, push-ups, dance, and volume control.

Remote Control Button Functions

Button Icon	Function
Paw Print (Up Arrow)	Walk Forward
Paw Print (Down Arrow)	Walk Backward
Paw Print (Left Arrow)	Turn Left
Paw Print (Right Arrow)	Turn Right
Music Note	Play Music/Songs
Dancing Figure	Perform Dance Moves
Speaker Icon (+/-)	Adjust Volume (5 levels)
Gear Icon	Programming Mode
Stop Sign	Stop Current Action
Sitting Dog	Sit Down
Push-up Dog	Perform Push-ups
Demo Button	Activate Demo Mode (pre-programmed actions)

6. PROGRAMMING FUNCTIONS

The robot allows for custom programming of action sequences, enhancing problem-solving skills.

1. Press the **Gear Icon** button on the remote control to enter programming mode. The robot will indicate it's ready for input.
2. Press the desired action buttons on the remote control in the sequence you wish the robot to perform. Each press records an action.
3. Once all actions are recorded, press the **Gear Icon** button again to exit programming mode and execute the sequence.
4. The robot will perform the programmed actions.



Image: Steps for intelligent programming, demonstrating how to record and execute a series of movements.

7. INTERACTIVE FEATURES

7.1 Touch Sensing

The robot's head is equipped with touch sensors. Gently touch the robot's head to trigger various responses, such as barking, happy sounds, or performing small actions like push-ups.



Interaction Function



Image: A child touching the robot's head, demonstrating the interactive touch sensing function.

7.2 LED Eyes

The robot's LED eyes display different patterns and colors to convey emotions and indicate various modes of operation.

7.3 Music and Dance

Press the **Music Note** or **Dancing Figure** buttons on the remote control to activate music and dance routines. The robot can perform 5 different dances.



Image: The robot dog performing dance moves with music, entertaining two children.

7.4 Volume Adjustment

Use the **Speaker Icon (+/-)** buttons on the remote control to cycle through 5 different volume settings.



Image: An overview of the robot's interactive capabilities, including demo, touch, dance, music, LED emotions, and general interaction.

8. 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 extreme temperatures or direct sunlight for prolonged periods.
- If the robot will not be used for an extended period, fully charge its battery and remove the batteries from the remote control to prevent leakage.

9. TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Robot does not turn on.	Battery is low or depleted.	Charge the robot's battery using the provided USB cable.
Remote control not working.	Remote control batteries are low or incorrectly installed.	Replace AAA batteries in the remote control, ensuring correct polarity.

Problem	Possible Cause	Solution
Robot not responding to commands.	Robot or remote control is out of range. Interference.	Ensure the robot and remote are close to each other. Move away from other electronic devices that may cause interference.
Robot's movements are sluggish.	Low battery.	Recharge the robot's battery.
Sound is too loud/quiet.	Volume setting needs adjustment.	Use the volume buttons (+/-) on the remote control to adjust the sound level.

10. SPECIFICATIONS

Feature	Detail
Product Dimensions	9.3 x 7.9 x 9.8 inches
Item Weight	1.98 pounds
Model Number	6601
Recommended Age	3 years and up
Robot Battery	1 Lithium Ion battery (3.7V 400mAh, included)
Remote Control Batteries	2 x AAA batteries (not included)
Manufacturer	EXHOBBY

11. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video: An official demonstration of the STEMTRON Programmable RC Dog, highlighting its touch function and various interactive capabilities.

12. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official STEMTRON website. Keep your purchase receipt as proof of purchase.