

Mattel M8577

Mattel D-Rex Interactive Dinosaur M8577 Instruction Manual

Model: M8577 | Brand: Mattel

1. INTRODUCTION

The Mattel D-Rex Interactive Dinosaur is a robotic pet designed to provide an engaging and lifelike experience. Combining advanced robotics with interactive sensors and realistic reptilian skin, D-Rex exhibits a unique personality and a range of behaviors. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your D-Rex to ensure optimal performance and enjoyment.

D-Rex can walk, chomp, bare its teeth, and roar. It responds to voice and touch, and can be commanded using its bone controller. D-Rex is designed to follow sounds, make various noises, and can even enter a guard mode to protect its surroundings.



Figure 1: The D-Rex Interactive Dinosaur.

2. SETUP

2.1. Unpacking

Carefully remove all components from the packaging. Ensure you have the D-Rex unit and the bone controller. Retain packaging for future storage or transport.



Figure 2: D-Rex in its original packaging.

2.2. Battery Installation

The D-Rex requires **5 C (LR14) Alkaline batteries**. The bone controller requires **2 AAA (LR03) Alkaline batteries**. Batteries are not included and must be purchased separately.

1. Locate the battery compartment on the underside of the D-Rex unit.
2. Using a Phillips head screwdriver, open the battery compartment cover.
3. Insert 5 C batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Replace the cover and secure it with the screw.
5. Repeat the process for the bone controller, inserting 2 AAA batteries into its compartment.

Warning: Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries. Always remove exhausted batteries promptly.

3. OPERATING INSTRUCTIONS

D-Rex is designed for interactive play and responds to various stimuli. Ensure D-Rex is placed on a smooth, hard surface for optimal movement. Avoid loose dirt or wet surfaces.

3.1. Power On/Off

Locate the power switch on the D-Rex unit (usually on its underside or back). Switch it to the "ON" position to activate D-Rex. Switch to "OFF" when not in use to conserve battery life.

3.2. Bone Controller Functions

The bone controller allows you to direct D-Rex's actions. Hold the bone controller up for best performance. The control range is approximately 25 feet (7.6 meters).







Figure 3: D-Rex Bone Controller.

- **Attack Mode:** Press the **Attack** button to make D-Rex charge forward with roars and chomping actions.
- **Guard Mode:** Activate **Guard** mode to have D-Rex watch your stuff. It will roar and react if it senses movement nearby.
- **Seek Mode:** Press **Seek** to make D-Rex look for you and walk towards your location.
- **Prank Mode:** Engage **Prank** mode for unexpected and humorous actions, such as burping or farting.
- **Q&A Mode:** Use the **Q&A** button to ask D-Rex questions. It will shake its head for "yes" or "no" responses.

3.3. Interactive Play

D-Rex responds to direct interaction:

- **Voice Recognition:** D-Rex can follow the sound of your voice. Call its name or give simple commands.
- **Touch Sensors:** Petting D-Rex can elicit happy noises and tail wags.
- **Feeding:** Place an object (like its bone) in its mouth, and D-Rex will chew on it.
- **Nose Sensor:** Hitting D-Rex's nose may cause it to back up and snarl.

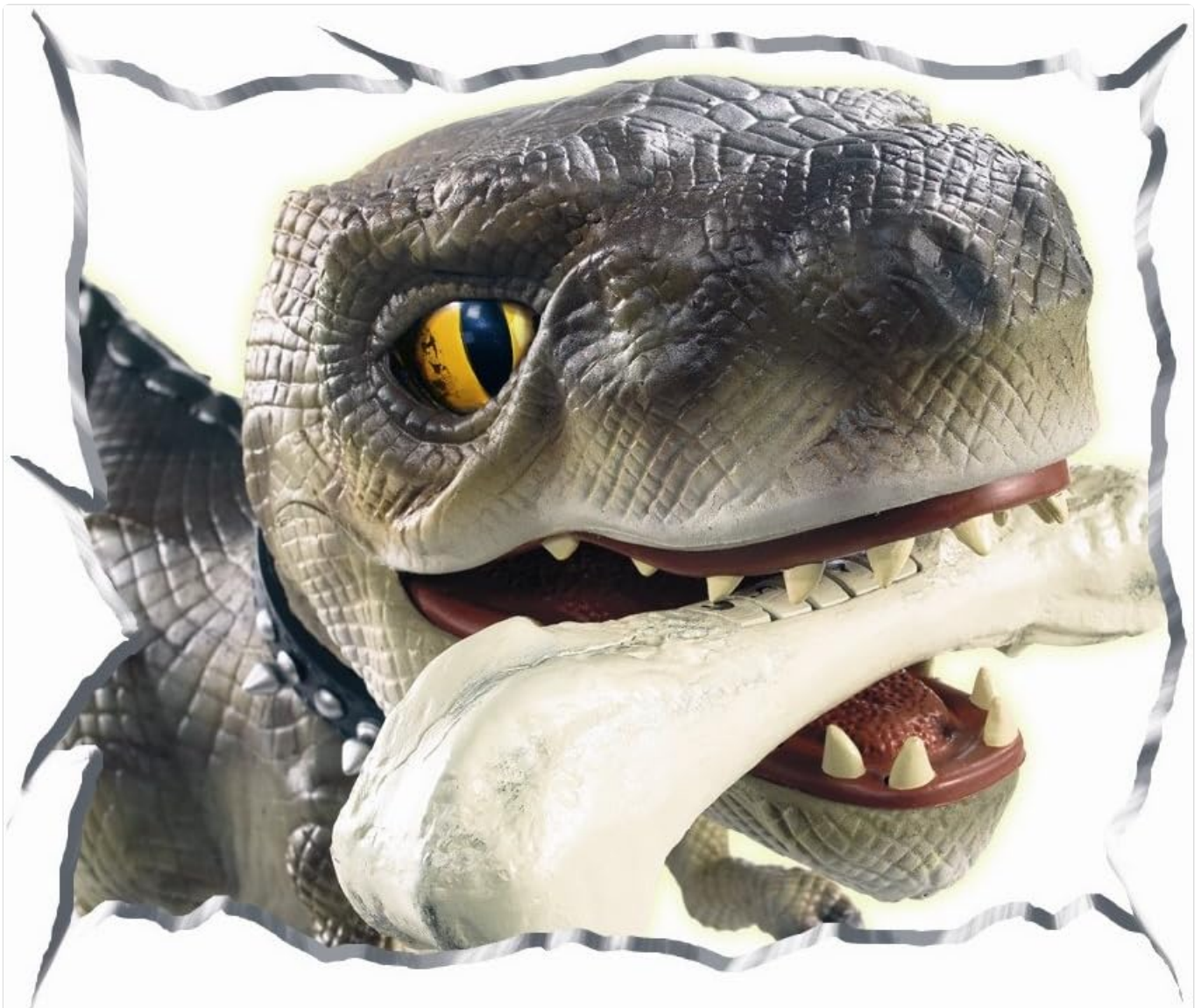


Figure 4: D-Rex interacting with its bone.

4. FEATURES

The D-Rex Interactive Dinosaur incorporates several advanced features for a dynamic play experience:

- **Lifelike Movement:** D-Rex walks on its own, moves its head and neck, and wags its tail.
- **Independent Behavior:** D-Rex has an independent personality, exhibiting various behaviors even without direct input.
- **Interactive Sensors:** Equipped with multiple sensors for a responsive experience:
 - **Nose Sensor:** Triggers reactions when touched.
 - **Sound Sensor:** Allows D-Rex to detect and respond to sounds, including your voice.
 - **Petting Sensor:** Located on its head and back, these sensors elicit positive responses when petted.
 - **Mouth Sensor:** Detects objects placed in its mouth, triggering chomping actions.
 - **Light Sensor:** Helps D-Rex detect movement and changes in light, influencing its behavior.
- **Over 100 Sounds and Expressions:** D-Rex features a wide range of roars, growls, laughs, and other sounds, coupled with expressive eye and mouth movements.
- **Realistic Dinosaur Skin:** The exterior is designed with reptilian-like skin for an authentic feel and appearance.



Figure 5: D-Rex internal components and sensor locations.

5. MAINTENANCE

Proper care ensures the longevity and optimal performance of your D-Rex.

- **Cleaning:** Wipe D-Rex with a clean, damp cloth. Do not immerse D-Rex in water or use harsh chemicals.
- **Storage:** When not in use for extended periods, switch D-Rex off and remove all batteries to prevent leakage. Store in a cool, dry place away from direct sunlight.
- **Operating Environment:** D-Rex performs best on smooth, hard surfaces. Avoid operating on loose dirt, sand, or wet surfaces to prevent damage to internal mechanisms.
- **Bone Controller Care:** If the bone controller is accidentally dropped in water, immediately remove batteries and allow it to dry completely before re-use.

6. TROUBLESHOOTING

If your D-Rex is not performing as expected, refer to the following common issues and solutions:

Problem	Solution
D-Rex does not respond or moves slowly.	Replace the batteries in both D-Rex and the bone controller. Ensure batteries are inserted with correct polarity.
D-Rex loses range or connection with the bone controller.	Ensure the bone controller is held upright for best performance. Check for obstacles between the controller and D-Rex. Replace batteries if needed.
Interference with D-Rex's operation.	Avoid operating multiple remote-controlled products with the same frequency in close proximity. Keep D-Rex away from high voltage power lines or other sources of electromagnetic interference.
D-Rex is not moving properly.	Ensure D-Rex is on a smooth, hard surface. Avoid carpets, loose dirt, or wet areas. Check for any obstructions in its movement path.

7. SPECIFICATIONS

Feature	Detail
Brand	Mattel
Model Name	Interactive Dinosaur
Model Number	M8577
Toy Figure Type	Interactive Gaming Figure
Character	D-Rex
Item Dimensions (L x W x H)	22.5" x 6.5" x 8" (57.15 cm x 16.51 cm x 20.32 cm)

Feature	Detail
Item Weight	3860 Grams (8.5 lbs)
Material Type	Plastic
Power Source	Battery
D-Rex Battery Type	5 C (LR14) Alkaline batteries (not included)
Controller Battery Type	2 AAA (LR03) Alkaline batteries (not included)
Recommended Age (Manufacturer)	8 - 18 years (96 - 216 months)
Additional Features	Light, Sound, Interactive Sensors
Control Range	Approx. 25 ft (7.6 m)

8. WARRANTY AND SUPPORT

The Mattel D-Rex Interactive Dinosaur M8577 is covered by a manufacturer's warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty information included with your product packaging or visit the official Mattel website.

For technical support, replacement parts, or further assistance, please contact Mattel customer service. Contact information can typically be found on the product packaging or their official website.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question