

## DEERC DE52

# DEERC DE52 Remote Control Helicopter User Manual

Model: DE52 | Brand: DEERC

## INTRODUCTION

The DEERC DE52 Remote Control Helicopter is designed for both beginners and experienced pilots, offering stable flight and easy controls. This manual provides comprehensive instructions for setup, operation, maintenance, and troubleshooting to ensure a safe and enjoyable flying experience.

## WHAT'S IN THE BOX

Your DEERC DE52 package includes the following components:

- Remote Control
- DEERC DE52 RC Helicopter
- 2 Modular Batteries
- Storage Case
- USB Charging Cable
- Extra Rotor Blades
- Screwdriver
- User Manual



Image: Contents of the DEERC DE52 package, including the helicopter, remote, two modular batteries, and a storage case.



Image: A detailed view of all items included in the DEERC DE52 package, such as the helicopter, remote, batteries, charging cable, extra blades, and screwdriver.

## SETUP

### 1. Battery Installation

The DEERC DE52 uses modular batteries for easy installation and removal.

1. Ensure the helicopter's power switch is in the "OFF" position.
2. Locate the battery compartment on the underside of the helicopter.
3. Insert a charged modular battery into the compartment, ensuring it clicks securely into place.
4. For the remote control, open the battery compartment and insert 2 AA batteries (included).



Image: The DEERC DE52 helicopter shown alongside its two modular batteries, highlighting their compact design.



Image: A visual guide demonstrating the process of installing and removing the modular battery from the helicopter's compartment.

## 2. Charging the Batteries



Use the provided USB charging cable to charge the modular batteries.

- Connect the modular battery to the USB charging cable.
- Plug the USB end into a USB power source (e.g., computer, USB wall adapter).
- The indicator light on the charging cable will show the charging status (refer to manual for specific light indications).
- Charging time is approximately 60 minutes per battery.

### 3. Pairing the Remote Control

Follow these steps to pair the remote control with the helicopter:

1. Place the helicopter on a flat, level surface.
2. Turn on the helicopter's power switch. The LED light on the helicopter will flash.
3. Turn on the remote control.
4. Push the left joystick (throttle) all the way up, then all the way down. The helicopter's LED light will become solid, indicating successful pairing.

Your browser does not support the video tag.

Video: An official DEERC video demonstrating the setup and basic flight of the DE52 RC Helicopter, including pairing the remote control.

## OPERATING INSTRUCTIONS

### 1. One-Key Take-off/Landing

The DE52 features a convenient one-key take-off and landing function.

- After successful pairing, press the one-key take-off button on the remote control. The helicopter will automatically ascend and hover at a stable altitude.
- To land, press the one-key landing button. The helicopter will slowly descend and land automatically.

### **INSTALLATION & REMOVAL OF MODULAR BATTERY**



Image: The DEERC DE52 helicopter demonstrating its one-key take-off feature, ascending vertically from a flat surface.

### 2. Altitude Hold Mode

The advanced air pressure technology allows the DE52 to automatically hover at a certain altitude, making it easier to control.

- Once airborne, the helicopter will maintain its current altitude without constant throttle input.
- Use the directional joystick to control horizontal movement.



Image: The DEERC DE52 helicopter stably hovering in mid-air, illustrating its altitude hold capability.

### 3. Speed Modes

The DE52 offers two adjustable speed levels for different skill levels.

- Press the speed switch button on the remote control to toggle between low and high-speed modes.
- Low speed is recommended for beginners to practice control.
- High speed provides more agile and responsive flight for experienced users.

# INGENIOUS & DURABLE DESIGN



**SMOOTH  
BODY LINES**



**HIGH FLEXIBLE  
PROPELLER**



**DURABLE ALLOY  
STRUCTURE**



**ALLOY  
BALANCE BAR**

Image: An adult and child operating the DEERC DE52 helicopter indoors, demonstrating its suitability for various users.

## 4. Emergency Stop

In case of emergency or loss of control, use the emergency stop function.

- Press the emergency stop button on the remote control to immediately cut power to the rotors.

## 5. Low Battery Alarm

The helicopter is equipped with a low battery alarm to prevent unexpected power loss during flight.

- When the battery is low, the helicopter's LED lights will flash, and the remote control may emit an audible warning. Land the helicopter immediately when this occurs.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your DEERC DE52 helicopter.

- **Cleaning:** Use a soft, dry cloth to clean the helicopter and remote control. Avoid using water or chemical cleaners.

- **Blade Inspection:** Regularly check the rotor blades for any damage (cracks, bends). Replace damaged blades using the provided spare parts and screwdriver.
- **Battery Care:**
  - Always fully charge batteries before use.
  - Do not overcharge or over-discharge batteries.
  - Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
  - Remove batteries from the helicopter and remote control when not in use for extended periods.
- **Storage:** Store the helicopter and its components in the provided storage case to protect them from dust and physical damage.

## EQUIPPED 2 DIFFERENT HELICOPTER SHELLS



Image: The custom-designed storage case for the DEERC DE52, providing secure storage for the helicopter, remote, and accessories.



# WELL-DESIGNED STORAGE BOX



*Storage for Batteries*



*Storage for Remote Control*



*High-Performance Material*



*Side Handle*



Image: Close-up of the DEERC DE52 helicopter's flexible propeller blades, designed for durability and resistance to minor impacts.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Helicopter does not respond to remote.	Not paired; low battery (helicopter/remote); interference.	Re-pair the devices; charge/replace batteries; move to an open area.
Helicopter drifts during flight.	Needs trimming; strong air current.	Adjust trimming controls on the remote; fly in a calm environment.
Short flight time.	Battery not fully charged; old battery.	Ensure full charge; consider replacing battery if old.
Blades not spinning.	Obstruction; damaged motor/gears.	Check for obstructions; contact support if internal damage suspected.

## SPECIFICATIONS

- **Model:** DE52

- **Brand:** DEERC
- **Product Dimensions:** 9.84 x 1.97 x 4.72 inches
- **Item Weight:** 2.82 ounces
- **Control Frequency:** 2.4GHz
- **Control Distance:** Approximately 98 feet (30 meters)
- **Battery:** 2 x Modular Batteries (included)
- **Flight Time:** Approximately 12+ minutes per battery (24+ minutes total)
- **Charging Time:** Approximately 60 minutes per battery
- **Recommended Age:** 14 years and up
- **Features:** One-Key Take-off/Landing, Altitude Hold, 2 Speed Modes, Emergency Stop, LED Lights, Gyroscope System, Durable Metal Body, Flexible Blades, Modular Batteries, Storage Case, Extra Shells.



Image: Diagram showing the dimensions of the DEERC DE52 helicopter for reference.

## Safety Guidelines

To ensure safe operation and prevent damage, please adhere to the following guidelines:

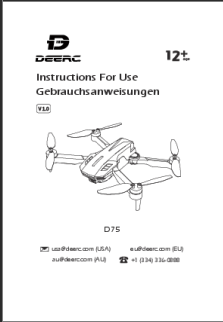
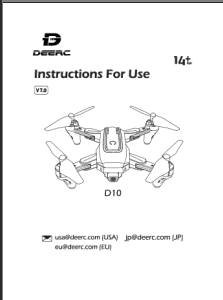
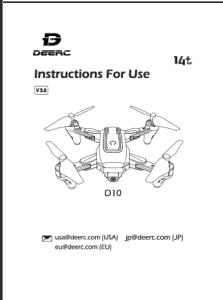



- **Indoor Use Recommended:** This helicopter is primarily designed for indoor use. Avoid flying outdoors in windy conditions, as it is lightweight and can be easily carried away.
- **Clear Area:** Always fly in an open area free from obstacles, people, and pets.
- **Adult Supervision:** Adult supervision is recommended, especially for younger users.
- **Avoid Water:** Do not expose the helicopter or remote control to water or moisture.
- **Do Not Touch Blades:** Never touch the spinning rotor blades.
- **Battery Safety:** Follow all battery safety instructions provided in the manual.

## Warranty and Support

For warranty information, technical support, or replacement parts, please contact DEERC customer service.

- **Manufacturer:** DEERC
- **Website:** [Visit the DEERC Store on Amazon](#)
- Refer to the product packaging or the official DEERC website for the most up-to-date contact information and warranty details.

Related Documents - DE52

 <p>The image shows the cover of the DEERC D75 drone manual. It features the DEERC logo, the text '12t', 'Instructions For Use', and 'Gebrauchsanweisungen'. Below this is a line drawing of the D75 drone. At the bottom, it lists contact information for USA, EU, and AU regions, and a phone number: +1 (855) 777-8866.</p>	<p><a href="#">DEERC D75 Drone: Instructions for Use and Safety Guide</a></p> <p>Comprehensive instructions for the DEERC D75 drone, covering setup, flight, functions, safety guidelines, and troubleshooting. Learn how to operate your DEERC D75 drone safely and effectively.</p>
 <p>The image shows the cover of the DEERC D10 drone manual. It features the DEERC logo, the text '14t', 'Instructions For Use', and 'Gebrauchsanweisungen'. Below this is a line drawing of the D10 drone. At the bottom, it lists contact information for USA, EU, and AU regions, and a phone number: +1 (855) 777-8866.</p>	<p><a href="#">DEERC D10 Drone: Instructions for Use and Operation Guide</a></p> <p>A comprehensive guide for the DEERC D10 drone, covering setup, operation, safety guidelines, functions, specifications, and contact information. Learn how to fly your DEERC D10 drone safely and effectively with this user-friendly manual.</p>
 <p>The image shows the cover of the DEERC D10 drone manual. It features the DEERC logo, the text '14t', 'Instructions For Use', and 'Gebrauchsanweisungen'. Below this is a line drawing of the D10 drone. At the bottom, it lists contact information for USA, EU, and AU regions, and a phone number: +1 (855) 777-8866.</p>	<p><a href="#">DEERC D10 Drone: Instructions for Use and Operation Guide</a></p> <p>Comprehensive guide for the DEERC D10 drone, covering safety guidelines, installation, operation, charging, and functions. Learn how to fly and maintain your drone safely and effectively.</p>
 <p>The image shows the cover of the DEERC D70 drone manual. It features the DEERC logo, the text '14t', 'Instructions For Use', and '日本語マニュアル / Gebrauchsanweisungen'. Below this is a line drawing of the D70 drone. At the bottom, it lists contact information for USA and EU regions, and a phone number: +1 (855) 777-8866.</p>	<p><a href="#">DEERC D70 Drone: Instructions for Use and Safety Guidelines</a></p> <p>Comprehensive guide to operating the DEERC D70 drone, covering setup, flight controls, safety precautions, and maintenance. Learn how to fly, capture photos and videos, and utilize advanced features like Headless Mode and 360° flips.</p>
 <p>The image shows the cover of the DEERC D65 drone manual. It features the DEERC logo, the text 'D65', and '日本語マニュアル / Gebrauchsanweisungen'. Below this is a line drawing of the D65 drone. At the bottom, it lists contact information for USA and EU regions, and a phone number: +1 (855) 777-8866.</p>	<p><a href="#">DEERC D65</a></p> <p>DEERC D65</p> <p>14</p>
 <p>The image shows the cover of the DEERC D11 drone manual. It features the DEERC logo, the text '14t', 'Instructions For Use', and '日本語マニュアル / Gebrauchsanweisungen'. Below this is a line drawing of the D11 drone. At the bottom, it lists contact information for USA and EU regions, and a phone number: +1 (855) 777-8866.</p>	<p><a href="#">DEERC D11 Drone: Instructions for Use, Safety, and Specifications</a></p> <p>Comprehensive guide for the DEERC D11 drone, covering setup, flight operations, safety guidelines, maintenance, and technical specifications. Learn how to pair, fly, and troubleshoot your DEERC D11 drone.</p>



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Use For Kids Beginners Storage Case 2 Batteries 24 Minutes of Flight Time Altitude Maintenance One  
Key Takeoff Landing Emergency Toys Games B11ObAmqFQL m media amazon images I |||

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