

[Manuals.plus](#) /

› [GOOSKY](#) /

› GOOSKY E2 UH-1Y RC Helicopter User Manual

GOOSKY E2 UH-1Y

GOOSKY E2 UH-1Y RC Helicopter User Manual

Model: E2 UH-1Y | Brand: GOOSKY

1. INTRODUCTION

The GOOSKY E2 UH-1Y is a 1/35 scale remote-controlled helicopter designed for aviation enthusiasts and collectors. This Ready-To-Fly (RTF) version features a 2.4G 6CH remote control system, dual brushless direct drive motors, GPS stabilization, auto hover, and altitude hold functions, making it suitable for various skill levels. This manual provides essential information for safe operation, setup, and maintenance of your helicopter.



Figure 1: GOOSKY E2 UH-1Y RC Helicopter.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in injury or property damage.

- Always operate the helicopter in open areas, away from people, animals, buildings, and power lines.
- Ensure the battery is fully charged and securely installed before each flight.
- Do not operate in strong winds or adverse weather conditions.
- Keep hands and face clear of rotating blades.
- This product is recommended for ages 16 and above.
- Store the helicopter and remote control in a cool, dry place when not in use.

3. WHAT'S IN THE BOX

The GOOSKY E2 UH-1Y RTF version includes the following components:

- Carrying Case (1)
- Helicopter (1)
- Manual (1)
- Dedicated Charger (1)
- Smart Battery (1)
- Remote Control (1)
- Extra Main Shaft (1)
- Several Tools
- Several Spare Screws

4. PRODUCT OVERVIEW AND FEATURES

The GOOSKY E2 UH-1Y is designed with both realism and advanced flight capabilities in mind.

4.1 Realistic Model

Meticulously crafted to replicate the UH-1Y with authentic detailing, premium construction, and true-to-life proportions. This scale model offers an immersive experience.

CRAFTSMANSHIP SHAPES THE ART OF MODELING

Driven by the mission — the GOOSKY E2 Rescue Helicopter, a 1:35 scale model of an elite rescue aircraft with exquisite craftsmanship and artistic design. Paired with a smart and stable flight control system, this is not only a tribute to precision engineering, but also a heartfelt salute to those who protect and serve.



Figure 2: Detailed view of the helicopter's realistic design.

4.2 Smart Flight System

Advanced GPS stabilization enables hands-free hovering, precise altitude hold, and automatic position locking. Beginner-friendly features include one-key return home and low-voltage auto-landing, making professional-grade flight accessible.

GPS SMART SATELLITE POSITIONING

The built-in GPS module provides real-time positioning and navigation for flight, enhancing flight safety and control accuracy. In GPS mode there's no need to manually adjust the flight posture — once you release the control sticks, the E2 GPS automatically stabilizes itself. It can hover at a fixed point and altitude automatically, making operation simple and easy to learn, even for beginners.



Figure 3: Helicopter demonstrating GPS Smart Satellite Positioning.

4.3 Ready-to-Fly (RTF)

Fly immediately with zero setup – no complex tuning or technical knowledge required. Features tool-free battery access via quick-release canopy, automatic stabilization, and optional mobile app customization for personalized flight preferences.

4.4 Dual Brushless Power System

Twin brushless motors deliver exceptional thrust and responsiveness while maintaining ultra-quiet operation. The scale-accurate 5-blade main rotor and authentic tail rotor provide unmatched flight stability and realistic aerial maneuvers.

4.5 Premium CNC Metal Frame

Aircraft-grade CNC machined aluminum rotor head and swashplate ensure crash-resistant durability. Includes an intelligent 11.1V 1600mAh battery (15+ minute flights) and professional T8 transmitter with dual-mode controls for both novice and advanced pilots.

5. SETUP

5.1 Battery Charging and Installation

1. Connect the dedicated charger to a power source.
2. Connect the Smart Battery (11.1V 1600mAh) to the charger.
3. Allow approximately 90 minutes for a full charge. The charger indicator will show when charging is complete.
4. Once charged, open the quick-release canopy on the helicopter.
5. Insert the Smart Battery into its compartment, ensuring a secure connection.
6. Close the canopy.

5.2 Remote Control Preparation

1. Ensure the remote control (2.4G A8 Rechargeable Remote Control) is charged or has fresh batteries.
2. Power on the remote control.
3. Power on the helicopter. The helicopter and remote control should automatically pair. Refer to the remote control's specific manual for detailed pairing instructions if needed.

6. OPERATING INSTRUCTIONS

6.1 Pre-Flight Check

- Verify all blades are securely attached and free from damage.
- Confirm the battery is fully charged in both the helicopter and remote control.
- Ensure you are in a safe, open area for flight.

6.2 Basic Flight Controls

The T8 transmitter offers dual-mode controls. Familiarize yourself with the control sticks:

- **Throttle (Left Stick Up/Down):** Controls altitude.
- **Yaw (Left Stick Left/Right):** Rotates the helicopter left or right.
- **Pitch (Right Stick Up/Down):** Controls forward and backward movement.
- **Roll (Right Stick Left/Right):** Controls left and right sideways movement.

6.3 GPS Stabilization and Auto Hover

The built-in GPS module provides real-time positioning and navigation for flight, enhancing flight safety and control accuracy. In GPS mode, there is no need to manually adjust the flight posture – once you release the control sticks, the E2 GPS automatically stabilizes itself. It can hover at a fixed point and altitude automatically, making operation simple and easy to learn, even for beginners.

6.4 One-Key Return Home & Low-Voltage Auto-Landing

Utilize the one-key return home function for easy recall of the helicopter. The low-voltage auto-landing feature ensures a safe descent when the battery is critically low.

Video 1: Demonstrates the GOOSKY E2 UH-1Y RC Helicopter's flight capabilities, including GPS auto hover and altitude

hold features.

7. MAINTENANCE

- Regularly inspect the main and tail rotors for any damage or wear. Replace if necessary using the provided spare parts and tools.
- Keep the helicopter clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Ensure all screws and connections are tight before each flight.
- Store batteries in a cool, dry place and avoid overcharging or deep discharging to prolong their lifespan.

8. TROUBLESHOOTING

- **Helicopter not responding:** Ensure both the helicopter and remote control are powered on and properly paired. Check battery levels.
- **Unstable flight:** Perform a calibration as per the remote control manual. Ensure no strong winds are present.
- **Short flight time:** Ensure the battery is fully charged. Battery performance may degrade over time; consider replacing if necessary.
- **Blades not spinning:** Check for obstructions around the rotors. Ensure the main shaft is correctly installed.

9. SPECIFICATIONS

Feature	Detail
Model Name	GOOSKY E2 UH-1 GPS (RTF version)
Material	Plastic + Electronic Components
Scale	1/35
Rotor Diameter	490mm
Single Body Weight	538g
Drive Motor	GOOSKY Dual Brushless Direct Drive Motor
Remote Control	2.4G A8 Rechargeable Remote Control
Remote Control Distance	300 meters
Charger	Dedicated Charger

Feature	Detail
Charging Time	About 90 minutes
Flight Time	15 minutes
Product Dimensions	48.3 x 49 x 13.2cm (19.02 x 19.29 x 5.2 inches)
Product Weight	1890 Grams
Age Recommendation	16+
Model Number	16T5FCT55721G36K41YKJG
UPC/GTIN	715457194645

PRODUCTS PARAMETER

Model:
E2 GPS

Length:
483mm

Width:
80mm

Height:
132mm

Main Rotor Diameter:
490mm

Tail RotorDiameter:
87mm

Flying Weight:
About 538g

Flight Time:
About 15min

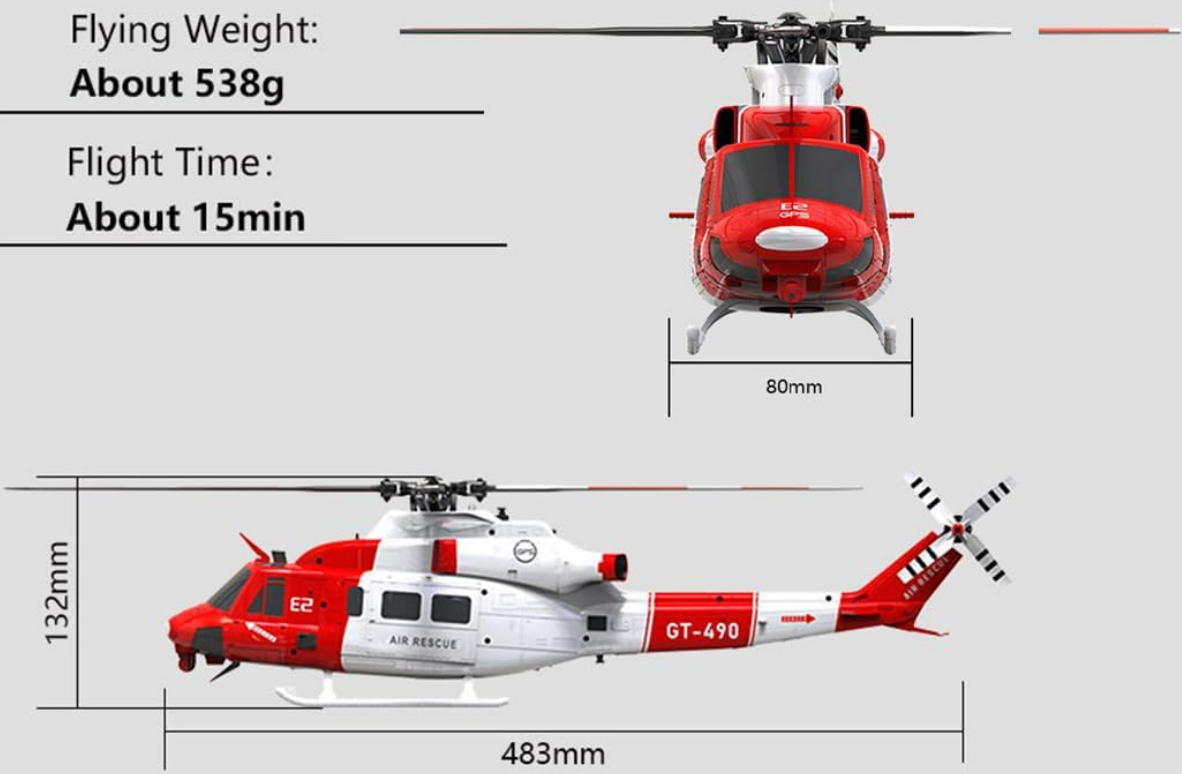


Figure 4: Product parameters and dimensions.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please refer to the contact details provided in the separate warranty card included with your product or visit the official GOOSKY website. Keep your proof of purchase for warranty claims.

© 2024 GOOSKY. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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