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› BEHORSE RC Glider Plane Instruction Manual

BEHORSE FX 620 / SU-35

BEHORSE RC Glider Plane Instruction Manual

Model: FX 620 / SU-35

1. WHAT'S IN THE BOX

Your BEHORSE RC Glider Plane package includes the following components:

- 1 x RC Plane
- 3 x Lithium Ion Batteries
- 1 x Remote Controller
- 1 x USB Charger
- 1 x Propeller & Landing Gear Set



Image: Contents of the BEHORSE RC Glider Plane package, showing the blue plane, black remote controller, and three small batteries.

2. PRODUCT OVERVIEW

The BEHORSE RC Glider Plane is designed for ease of use and durability, making it suitable for beginners.

- Constructed from lightweight and highly flexible EPP material, enhancing durability against impacts.
- Features an anti-collision silicone head for added protection during landings or minor crashes.
- Equipped with an intelligent balance system for stable and easy operation, even for novice pilots.
- Operates on a 2.4GHz frequency with 2 channels for reliable remote control.

Anti-collision
silicone head



Flexible ultra-tough
EPP special foam
material

Intelligent balance
system for easy
operation



Image: Detailed view highlighting the anti-collision silicone nose, the flexible EPP foam body, and the intelligent balance system of the RC plane.

3. SETUP GUIDE

3.1 Remote Controller Battery Installation

1. Locate the battery compartment on the back of the remote controller.
2. Slide open the battery compartment cover.
3. Insert 2 AA batteries (not included) into the compartment, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

3.2 Plane Battery Installation and Charging

1. Locate the battery compartment on the underside of the RC plane.
2. Carefully open the compartment.
3. Connect one of the provided Lithium Ion batteries to the plane's power connector.
4. Gently place the battery inside the compartment and close the cover.
5. To charge the batteries, connect the USB charger to a power source (e.g., computer USB port, USB wall adapter).

6. Connect the battery to the USB charger. The charging time is approximately 40 minutes per battery.
7. Ensure the battery is fully charged before each flight for optimal performance.

Note: While some user-generated videos may show battery installation, official seller videos are not available for embedding. Please refer to the text instructions for setup.

4. OPERATING INSTRUCTIONS

4.1 Pre-Flight Checklist

- Ensure both the remote controller and plane batteries are fully charged.
- Verify all components (propellers, landing gear if used) are securely attached.
- Choose a wide, open area for flight, free from obstacles like crowds, trees, and buildings.

4.2 Pairing the Remote Controller and Plane

1. Turn on the remote controller. The indicator light should blink.
2. Connect the battery to the plane. The plane's indicator light should also blink.
3. Move the throttle stick (left stick) on the remote controller all the way up, then all the way down.
4. Both indicator lights should become solid, indicating successful pairing.

4.3 Flight Controls (2-Channel)

- **Left Stick (Throttle):** Controls the plane's altitude. Push up to increase power and ascend, pull down to decrease power and descend.
- **Right Stick (Direction):** Controls the plane's turning. Move left or right to steer the plane in the desired direction.

4.4 Taking Off and Landing

- **Hand Launch:** Hold the plane firmly and gently push the throttle up. Once the propellers are spinning, gently toss the plane forward into the wind.
- **Landing:** Gradually reduce the throttle and guide the plane towards an open, flat area. Allow it to glide down for a soft landing.



Image: A child enjoying flying the RC plane in a spacious outdoor environment.

5. MAINTENANCE

- **Cleaning:** Wipe the plane gently with a dry, soft cloth after each use to remove dirt or debris. Avoid using water or harsh chemicals.
- **Propellers:** Regularly inspect propellers for any damage (bends, cracks). Replace damaged propellers immediately to ensure safe and efficient flight.
- **Storage:** Store the plane and remote controller in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries from the remote controller if storing for extended periods.
- **Battery Care:** Do not overcharge or over-discharge the Lithium Ion batteries. Allow them to cool down before recharging.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Plane does not respond to remote.	Batteries low or not installed correctly; not paired.	Check and replace remote/plane batteries. Re-pair the remote and plane.
Short flight time.	Battery not fully charged; old battery.	Ensure batteries are fully charged (approx. 40 mins). Consider replacing old batteries.
Plane crashes easily or is unstable.	Damaged propellers; strong wind; improper control.	Inspect and replace propellers if damaged. Fly in calm conditions. Practice gentle control inputs.
Propeller not spinning.	Obstruction; motor issue; loose connection.	Check for debris around propellers. Ensure battery is connected. Contact support if motor is faulty.

7. SPECIFICATIONS

- **Model:** FX 620 / SU-35
- **Material:** EPP (Expanded Polypropylene)
- **Control Distance:** Approximately 100 meters
- **Charging Time:** Approximately 40 minutes
- **Flying Time:** Approximately 15-20 minutes per battery
- **Batteries:** 3 x Lithium Ion batteries (included for plane), 2 x AA batteries (not included for remote)
- **Recommended Age:** 14 years and up
- **Item Weight:** 10.8 ounces
- **Package Dimensions:** 13.07 x 10.71 x 3.31 inches
- **Country of Origin:** China



Image: Technical diagram illustrating the dimensions of the RC plane.

8. SAFETY INFORMATION

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

- Always fly in a wide, open area, far away from crowds, trees, buildings, and power lines.
- Do not fly in strong winds or adverse weather conditions.
- Keep fingers, hair, and loose clothing away from rotating propellers.
- Never attempt to catch the plane while it is in flight.
- Adult supervision is recommended for users under the age of 14.
- Do not modify or disassemble the product.
- Dispose of batteries responsibly according to local regulations.

9. WARRANTY & SUPPORT

This product is manufactured by BEHORSE. For any questions, technical support, or warranty inquiries, please contact the seller directly through your purchase platform.

Please retain your proof of purchase for any warranty claims.

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