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SwellPRO FD2

SwellPro Fisherman MAX FD2 Waterproof Fishing Drone Instruction Manual

Your comprehensive guide to operating and maintaining your SwellPro Fisherman MAX FD2 drone.

1. PRODUCT OVERVIEW

The SwellPro Fisherman MAX FD2 is a high-performance waterproof fishing drone designed for delivering bait to inaccessible areas and assisting in fishing operations. It features a robust design, a 4K camera, and a dual payload release system for efficient bait deployment.

Key Features:

- 7.7 lbs (3.5 kg) bait capacity
- IP67 Saltwater-proof rating
- Calibration-free operation
- No Geofencing restrictions
- Integrated 4K camera for clear visuals
- Dual Payload Release (DPL) system



Figure 1: SwellPro Fisherman MAX FD2 drone, remote controller, intelligent battery, and propellers.

2. WHAT'S IN THE BOX

Verify that all components are present upon unboxing:

- Fisherman Max Drone (Advanced) x1
- Gimbal Camera (GC1-M) x1
- Intelligent Battery (B-FD2) x1
- Propellers (P-FD2) x2 sets
- Dual Payload Release (DPL) x1
- Remote Controller x1
- Carry Case x1

- Accessory Pack (includes charger, cables, etc.) x1

3. SETUP GUIDE

Follow these steps to prepare your drone for flight.

3.1. Unpacking and Initial Assembly

1. Place the carry case on a flat, stable surface and open it.
2. Carefully remove the drone and accessory pack from the case.
3. Place the drone on a flat platform.
4. **Install the Intelligent Battery:** Align the battery slot with the pin connector inside the drone's compartment. Gently push until it clicks into place. Secure the battery by locking the four latches (numbered 1 to 4).
5. **Unfold Aircraft Arms:** Unfold the front arms (marked with 'F') first, then unfold the rear arms (marked with 'R'). Rotate the rings in the direction of the arrow to tighten each arm securely.
6. **Remove Camera Protection:** Carefully remove the protection foam from the camera gimbal.
7. **Attach Propellers:** Place the orange-marked propellers on the orange-marked motors and rotate the mount counter-clockwise to tighten. Place the black propellers on the black motors and rotate the mount clockwise to tighten. Ensure all propellers are firmly attached.

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Video 1: Detailed guide on unpacking, battery installation, arm unfolding, and propeller attachment for the SwellPro Fisherman MAX FD2 drone.

3.2. Optional: Floating Bar Attachment

If flying close to water, attaching the floating bars is recommended for buoyancy.

1. Remove the straps on each floating bar.
2. Place each floating bar under the corresponding drone arm and lock the latches to secure them.

3.3. Remote Controller Setup

1. **Antenna Adjustment:** Tilt down the antennas for better transmission if flying at a high altitude. Tilt up the antennas if flying close to the water surface.
2. **Phone Holder Installation:** Install the phone holder onto the remote controller by turning the screw clockwise to secure it. This is necessary if you plan to use the companion app.
3. **Powering On:** Ensure all toggles on the remote controller are switched up. Short press the power button once, then long press for 2 seconds to power on the remote controller.



Figure 2: SwellPro Fisherman MAX FD2 remote controller with phone holder attached.

4. OPERATING INSTRUCTIONS

4.1. Pre-Flight Checklist

Before each flight, perform the following checks:

1. Verify no damage to propellers.
2. Ensure the battery is firmly locked.
3. Confirm antennas are tightened.
4. Check that all payloads are firmly attached.
5. Ensure the sealing flap over the USB port of the remote controller is closed.
6. Verify the Micro SD card is inserted into the camera with the sealing flap closed.

4.2. Basic Flight Controls

Familiarize yourself with the remote controller joysticks:

- **Left Joystick:** Controls vertical position (up/down) and yaw (left/right rotation).
- **Right Joystick:** Controls horizontal movement (forward/backward, left/right strafing).

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Video 2: Tutorial on basic flight controls for SwellPro Fisherman drones, including vertical and horizontal movements.

4.3. Bait Release Operation

To deploy bait using the Dual Payload Release (DPL) system:

1. Attach your bait to the DPL system securely.
2. Fly the drone to the desired location.
3. Once at the target, activate the payload release switch on your remote controller.

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Video 3: Demonstration of the drone airdrop system and bait release function.

4.4. Return to Home (RTH)

The Return to Home function allows the drone to automatically return to its takeoff point. Activate RTH using the designated button on your remote controller.

5. MAINTENANCE

5.1. Post-Flight Cleaning

After each flight, especially in saltwater environments, it is crucial to clean your drone:

- Ensure the battery compartment is sealed before rinsing.
- Flush out each motor with fresh water to remove salt and sand.
- Dry the drone thoroughly with a towel or allow it to air dry completely.

5.2. Battery Charging

Proper battery charging ensures longevity and safe operation:

- Always charge the drone battery below 4 amps. A lower amperage setting (e.g., 2.5 amps) is recommended for battery health.
- Insert charger cables into the battery and remote as instructed by the charger's manual.
- The charger will indicate "FULL" when charging is complete.

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Video 4: Instructions on how to charge the FD3 battery, applicable to Fisherman MAX FD2.

5.3. Storage

Store the drone in a cool, dry place when not in use.

6. TROUBLESHOOTING

- **Drone not powering on:** Ensure the intelligent battery is fully charged and correctly installed with all latches secured. Check the power button sequence (short press, then long press).
- **Remote controller not connecting:** Verify the remote controller is powered on and fully charged. Ensure antennas are correctly positioned for optimal signal.

- **Propellers not spinning:** Check for any obstructions around the propellers. Ensure propellers are correctly and securely attached.
- **Missing Battery Charger:** If the battery charger was not included in your kit, contact SwellPro customer service or your retailer for assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	SwellPRO
Model Name	FD2
Video Capture Resolution	4K
Material	Polyester
Product Dimensions	18"L x 10"W x 24"H
Item Weight	17.36 pounds
UPC	880155819364

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts and accessories, please visit the official SwellPRO store or contact their customer service directly.

[Visit the SwellPRO Store](#)