

[Manuals.plus](#) /

› [PowerVision](#) /

› PowerVision PowerEgg X Wizard Drone User Manual

PowerVision PXW10

PowerVision PowerEgg X Wizard Drone User Manual

Comprehensive instruction manual for the PowerVision PowerEgg X Wizard Waterproof Drone, covering setup, operation, maintenance, troubleshooting, and specifications for optimal use.

PRODUCT OVERVIEW

The PowerVision PowerEgg X is a versatile aerial drone offering dual-mode functionality: a handheld gimbal mode for stabilized ground shots and a drone mode for aerial photography and videography. It captures stunning 4K60FPS footage and incorporates advanced technologies like SyncVoice for audio recording, visual obstacle avoidance, and precision landing. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your PowerEgg X Wizard drone.

Key Features

- **Stunning 4K60FPS footage:** Capture high-definition aerial footage with crystal-clear detail and smooth motion at 60 frames per second.
- **Dual-mode functionality:** Enjoy the versatility of two modes in one device, with a handheld gimbal mode for stabilized shots on the ground and a drone mode for soaring through the air.
- **Intelligent features for creative shooting:** Use slow-motion and time-lapse effects to add creative flair to your footage, and take advantage of the SyncVoice patent technology to add audio to your aerial shots.
- **Advanced obstacle avoidance and landing protection:** With visual sensors that detect obstacles and landing conditions, the PowerEgg X can avoid collisions and land with precision and safety.
- **Long-range transmission and flight control:** Control the drone and transmit real-time video up to 6 kilometers away, with wind resistance up to level 5 for stable, controlled flight. Plus, use the intelligent app editor to easily create and share your videos with the world.

PACKAGE CONTENTS

- PowerEgg X Drone Body
- Controller
- Flight Battery (x2)

- Waterproof Housing
- Waterproof Arm Set
- Propellers (multiple sets)
- Charging Cables
- Camera Body & Accessories
- Camera Kit



All components included in the PowerVision PowerEgg X Wizard package.

SETUP

1. Battery Installation

Ensure the flight battery is fully charged before use. Carefully insert the battery into the designated compartment on the drone body until it clicks securely into place.

2. Propeller Installation and Unfolding

Attach the propellers according to the markings (A and B) on the propellers and motor arms. Ensure they are securely fastened. Before flight, gently unfold all four propeller arms until they lock into position.

3. Gimbal Protector Removal

Before powering on the drone, carefully remove the gimbal protector from the camera. Failure to do so may damage the gimbal.

4. Controller Setup and App Connection

Download the official PowerVision app on your smartphone. Mount your smartphone securely onto the controller. Connect your smartphone to the controller using the provided RC cable. Power on the controller, then power on the drone. Follow the on-screen instructions in the app to establish a connection and perform any necessary calibrations.



Use the joysticks on the controller to control the drone's movement (throttle, yaw, pitch, roll). Refer to the app's 'Learn to Fly' section for detailed instructions and practice.

Intelligent Flight Features

- **SyncVoice:** Record real-time audio via your smartphone's microphone and automatically synchronize it with your aerial footage.
- **Visual Obstacle Avoidance:** The drone uses visual sensors to detect and avoid obstacles in its flight path.
- **Landing Protection & Precision Landing:** The drone automatically checks the landing area for safety and uses image-matching technology for accurate return to its takeoff point.

Camera Operation

The PowerEgg X captures video at 4K60FPS. Utilize the intelligent app editor for slow-motion and time-lapse effects. Photos can be captured in JPEG and RAW formats.



Tripod is not included.

PowerEgg X in handheld mode with a tripod mount, showing its versatility.



PowerEgg X drone flying over water with floats, viewed from below.

Official PowerVision video showcasing the PowerEgg X's all-weather capabilities and versatile use.

MAINTENANCE

1. Battery Care

Always use the official PowerVision charger for flight batteries. Store batteries in a cool, dry place away from direct sunlight. Do not overcharge or completely discharge batteries.

2. Propeller Replacement

Inspect propellers for any damage before each flight. Replace bent, cracked, or chipped propellers immediately using the provided spare sets and tools. Ensure correct propeller type (A or B) is installed on the corresponding motor arm.

3. Cleaning and Storage

Wipe the drone body and camera lens with a soft, dry cloth after each use. Avoid using harsh chemicals. Store the drone and all accessories in the provided carrying case in a cool, dry environment.

TROUBLESHOOTING

- **Drone fails to power on:** Ensure the battery is fully charged and correctly inserted.
- **App connection issues:** Verify the smartphone is securely connected to the controller via the RC cable. Restart the app, controller, and drone.
- **Unstable flight:** Perform IMU and compass calibration as instructed in the app. Check propellers for damage and replace if necessary. Avoid flying in strong winds.
- **Gimbal error:** Ensure the gimbal protector is removed before powering on. Check for any obstructions around the gimbal.

- **No video feed/recording:** Ensure an SD card is inserted into the drone (if required for direct recording) and formatted correctly. Check app settings for video resolution and storage location.

SPECIFICATIONS

Feature	Detail
Brand	PowerVision
Model Name	PowerEgg X Wizard
Model Number	PXW10
Special Feature	Waterproof
Video Capture Resolution	4K
Battery Capacity	3500 Milliamp Hours
Maximum Range	6 Kilometers
Item Weight	1.06 ounces (30 Grams)
Product Dimensions	7"L x 4"W x 4"H
Connectivity Technology	USB, Wi-Fi
Supported Image Format	JPEG, RAW
Operating Temperature	32 Degrees Fahrenheit

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official PowerVision website or contact their customer service directly. Keep your purchase receipt for warranty claims.