Package Contents

Zero Gravity X1-HD

Remote Control

2 White & 2 Black Replacement Blades

USB to Drone Battery Charging Cable

4GB MicroSD Card

User Guide

Controller Components

Camera Button

Indicator Power Switch

Speed Button

Flip Button

Forward/Backward and Bank Left/Bank Right Lever

Up/Down and Turn Left/Turn Right Lever

Forward/Backward Trim Button

Video Button

Turn Left/Right Trim Button

Bank Left/Bank Right Trim Button

Setting Up the Controller

Step 1

Open the battery cover by sliding it in the direction indicated by the arrows.

Step 2

Insert six new AA batteries (not included), ensuring that they're aligned according to the correct polarity (+/-).

Transmitter

Push

Battery Cover

NOTICE
1. Have an adult install the batteries
2. Use only alkaline batteries
3. Do not mix old and new batteries

NOTE: Always fly your Zero Gravity X1-HD Drone in a safe environment, free of obstacles, people, and pets. It is designed for both indoor and outdoor flight; do not use outdoors in strong winds. Keep a distance of 9' between yourself and the drone when flying.

Battery Warning: Improper use of lithium-polymer batteries is unsafe. It is essential that you follow the charging instructions and observe the battery care information below.

If the battery ever emits a strong odor, changes color, or swells, immediately discontinue using it. Do not attempt to recharge it, or immediately stop if you are currently charging it. Use caution when handling as the battery may be hot.

THE USB TO DRONE BATTERY CHARGING CABLE SHOULD ONLY BE PLUGGED INTO THE USB PORT OF A PC OR A USB WALL CHARGER WITH A MAXIMUM OUTPUT OF 5V. RECHARGING TIME IS 45 MINUTES. DO NOT OVERCHARGE. USE ONLY THE CHARGER INCLUDED WITH YOUR DRONE. ALWAYS CHARGE THE BATTERY ON A NON-FLAMMABLE, HEAT-RESISTANT SURFACE.

Replacing Blades

Your Zero Gravity X1-HD includes extra blades should the ones installed become damaged in a crash. To replace blades, simply remove the damaged blade and place the new one onto the motor bar. Note: Only replace like-colored blades – black blades with black blades and white blades with white blades.

Troubleshooting

If you have trouble flying your drone, please see the most common solutions below.

• Ensure that the drone's battery is fully charged and that the controller's batteries are not drained.

• Hair or other debris may have become entangled in the blades. To clean, lift off the blades, clean the debris, and put the blades back in place.

• The trim buttons may have become out of sync. To correct, see the **Resetting Controller** instructions under **Resetting the Zero Gravity X1-HD** section.

Specifications

• Flight Distance: Approximately 120 – 150 feet

• Flight Time: 6 – 8 minutes on a fully charged battery

Warnings

• Choking hazard. Not suitable for children under 3 years of age due to small parts.

• Adult supervision is recommended when flying.

• Ensure flight area is free of obstacles before flying.

• Remove batteries from both the drone and controller when not in use.

• Do not overcharge the drone's battery; do not leave unattended when recharging.

• Do not touch the drone's motors during or after flight as they can become hot.

• Do not touch the blades when they are in motion.

• If the drone becomes damaged, discontinue use.

Battery Warning

Lithium Polymer batteries can expand, burst, or catch fire if used incorrectly, causing both property damage and or personal injury. It is essential that you follow all the included instructions and safety warnings in full. The manufacturer, distributors, and retailers will assume no liability for the failure to comply with these safety instructions and warnings.
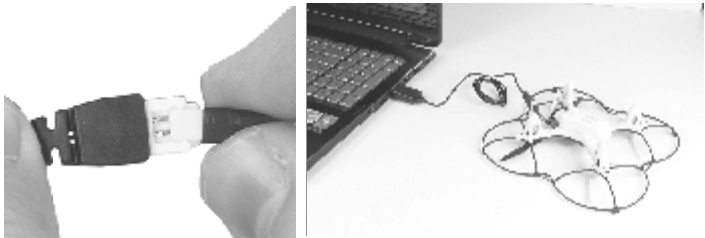
ZERO GRAVITY
X1-HD DRONE

User Guide

For the most enjoyable flying experience, please read this user guide thoroughly before using your Zero Gravity X1-HD Drone for the first time.

Technical Support

For Technical Support, please email support+zerogravity@pctreasures.com or call (248) 236-0061 9:30am - 5:30pm EST, Monday - Friday.
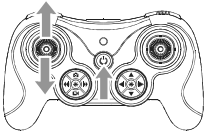
Charging your Zero Gravity X1-HD Drone

1. If your drone has been recently used, allow the battery to cool down to room temperature before charging.
2. Connect the USB to Drone Battery Charging Cable to the USB port of your PC or USB Wall Adapter.
3. Connect the drone's battery cable to the USB to Drone Battery Charging Cable, making sure that the T-shaped battery charging cable plug is correctly oriented to the T-shaped socket of the charging cable. See below images for reference.

4. The red LED light on the charger will illuminate, indicating that it is charging the battery. When the LED light turns off, the battery is fully charged. Do not charge in excess of 45 minutes. Do not continue to charge after the red LED light has turned off. NOTE: If your battery becomes damaged in a crash or no longer holds a charge, discontinue use and replace with a new battery of matching specifications. To ensure long battery life, we recommend that you do not completely drain the battery between recharges.

Establishing a Signal

Step 1. When fully charged, connect the drone's T-shaped battery cable to the drone's T-shaped power-in cable. When properly connected, the drone's LED lights will begin to flash. Place the fully charged drone on a flat surface.

Step 2. Insert 6 AA Alkaline Batteries (not included), in the controller observing the correct polarity. With the Up/Down/Left/Right Lever fully back towards you, press the controller's Power Button. The controller will emit a short beep and the Power Indicator light will flash. There will be a two second pause while the connector pairs with the drone. Quickly raise the Up/Down/Left/Right Lever to the fully forward position and then fully back towards you. This completes the connection. You may now slowly press forward on the Up/Down lever to raise your drone from the surface and begin flying.
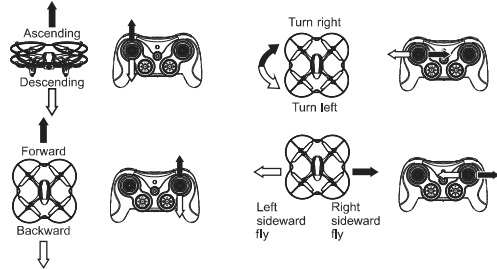
Flight Control

Note: Always begin flights with the drone on a flat surface and with the red and white LED lights on the front of the drone facing away from you. Until you are comfortable flying your drone, we recommend you use the controls slowly and steadily until you gain experience with the drone's response.

Ascending/Descending: Press forward on the Up/Down/Left/Right Lever to raise the drone into the air and back towards yourself to lower it.

Moving Forward/Backward: Press forward on the Forward/Backward/Bank Lever to move the drone forward when in flight and pull the lever back towards you to move the drone backwards.

Turning Right/Left: Press left on the Up/Down/Left/Right Lever to rotate the drone to the left and right to rotate to the right.

Banking Left/Right: Press left on the Forward/Backward/Banking Lever to bank the drone left and right to bank it right.

SPEED: When first turned on, the Zero Gravity X1-HD Drone is set to the lowest speed setting. You can increase the speed by pressing the Speed Button. The controller will emit two beeps to indicate the medium speed setting and three beeps indicating the fastest speed setting. Pressing the Speed Button again will reset to the lowest speed, indicated by a single beep. We recommend you begin flying on the lowest speed setting until you become familiar with flying.
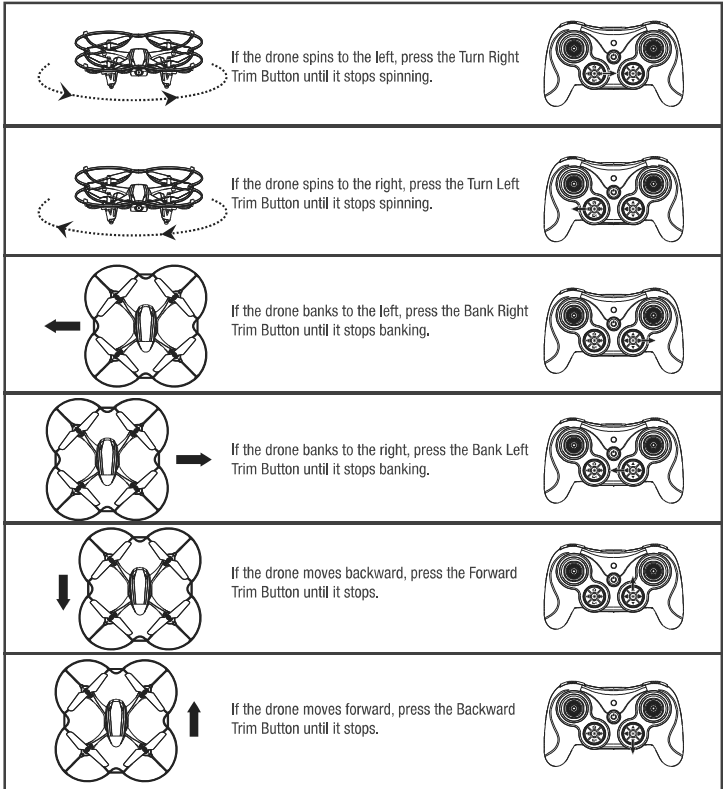
How to Perform a 360° Flip

Note: Before attempting a flip, make sure that your drone is flying at least 9 feet above the floor and 9 feet below any ceiling.

With the drone in the air, press the Flip Button. The controller will emit a beep; when you hear this, quickly flick the Forward/Backward/Banking button right or left and the drone will flip in that direction.
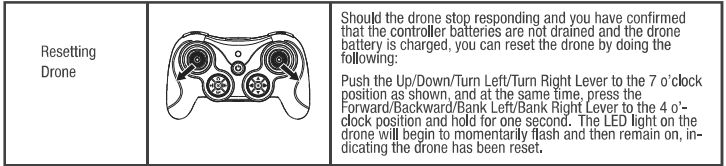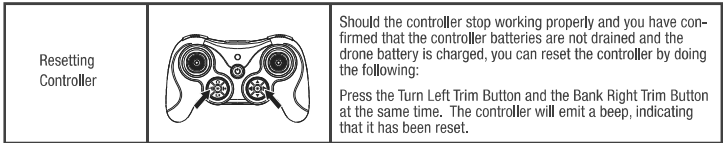
After a flip, if the battery is low on charge, you may need to press forward on the Up/Down/Left/Right Button to maintain altitude.

Flight Adjustment

When the drone is in the air and you are not pressing any of the controls, it should hover in place. If it drifts or moves when you're not using the controls, see the adjustment options below:

If the drone spins to the left, press the Turn Right Trim Button until it stops spinning.

If the drone spins to the right, press the Turn Left Trim Button until it stops spinning.

If the drone banks to the left, press the Bank Right Trim Button until it stops banking.

If the drone banks to the right, press the Bank Left Trim Button until it stops banking.

If the drone moves backward, press the Forward Trim Button until it stops.

If the drone moves forward, press the Backward Trim Button until it stops.

Resetting the Zero Gravity X1-HD

Resetting Controller

Should the controller stop working properly and you have confirmed that the controller batteries are not drained and the drone battery is charged, you can reset the controller by doing the following:

Press the Turn Left Trim Button and the Bank Right Trim Button at the same time. The controller will emit a beep, indicating that it has been reset.

Resetting Drone

Should the drone stop responding and you have confirmed that the controller batteries are not drained and the drone battery is charged, you can reset the drone by doing the following:

Push the Up/Down/Turn Left/Turn Right Lever to the 7 o'clock position as shown, and at the same time, press the Forward/Backward/Bank Left/Bank Right Lever to the 4 o'-clock position and hold for one second. The LED light on the drone will begin to momentarily flash and then remain on, indicating the drone has been reset.
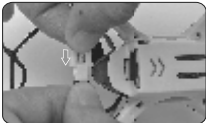
Using the Camera

To use the built-in camera on your drone, follow the steps below before flight:

STEP1: Insert the included 4GB MicroSD card into the drone's camera slot, ensuring that it is correctly oriented.
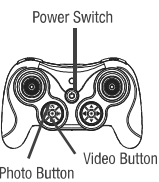
STEP 2: Connect the battery cable as directed previously in Establishing a Signal.

STEP 3: The red LED light will flash red when taking a photo and will remain lit when taking video.

Mode 1: Using the Camera via Controller

Power Switch
Video Button
Photo Button

Taking a picture: While the drone is in the air, press the Camera Button on the controller to take a picture. The LED light on the bottom of the camera will flash red, indicating that a picture has been taken.

Taking a video: While the drone is in the air, press the Video Button on the controller. The red LED light on the bottom of the camera will remain lit, indicating that it is taking video. To stop recording video, press the Video Button again. The red LED light will turn off, indicating that recording has stopped. IMPORTANT: When filming a video, you must press the Video Button to turn off video recording in order for the video to be saved.

Mode 2: Manual Control of the Camera

With the controller off, connect the battery as indicated previously. The Manual Camera Button can be found on the right side of the drone. Press this button once quickly to take a still picture. Press and hold this button for one second and the camera will begin recording video, as indicated by the red LED light. Make sure that you press this button again when you are finished to stop recording and save the video.

Viewing Your Videos and Still Pictures

Disconnect the drone's battery and remove the MicroSD card. Insert the MicroSD card into the included USB adapter and insert into an available USB port on your PC. Open the USB device (see your PC guide for instructions on how to do this; methods vary depending on PC/Mac and Operating System). You can then drag and drop the videos/pictures on the MicroSD card directly onto your desktop or into designated folders. NOTE: You will need to have a media player installed to view videos.