

## **X16 Drone Instructions:**

1. Install battery into X16.
2. Turn power switch on X16 drone to ON and place drone on flat level surface.
3. Quickly turn on transmitter.
4. While drone lights are quickly flashing, press throttle (left) joystick down. Transmitter will beep.
5. Press both joysticks down and toward each other @45 degrees to start rotors.
6. If rotors don't turn, turn off drone and transmitter and repeat steps 2 through 5 above.
7. Press both joysticks down and toward each other @45 degrees to stop rotors.
8. Wait for drone lights to stop flashing. (Lights stop flashing when GPS is ready.)
9. Press "Mode" button to activate Heads-Up mode. (Transmitter will beep continuously.)
10. Press both joysticks down and toward each other @45 degrees to start rotors.
11. Press "Start" button to take off.
12. Press "Speed" button to increase speed from low to high or toggle. (2 beeps is high speed.)
13. Press "GPS" button to toggle GPS on & off. (2 beeps is off.)
14. Press "Ret" button to return drone to launch area.
15. Press throttle joystick down to land drone and stop motors.

## **Compass Calibration:**

1. Perform steps 1 through 8 above to initialize drone.
2. Press left joystick down & left while pressing right joystick up & right to make lights flash quickly.
3. Rotate drone clockwise around yaw axis for 3 revolutions.
4. Rotate drone forward and downward around pitch axis for 3 revolutions.
5. Rotate drone right and clockwise around roll axis for 3 revolutions.
6. Place drone back on level surface facing away.
7. Lights will stop flashing quickly if calibration is successful.

## **Gyro Calibration:**

1. Perform steps 1 through 8 above to initialize drone.
2. Press left joystick up & left while pressing right joystick down & right to make lights flash quickly.
3. Lights will stop flashing quickly if calibration is successful.