



Skydio X2D GPS Night Flight

GPS Night Flight mode is initiated in low-light conditions, at night, and with poor visibility. When this mode is engaged, X2D uses GPS sensors in place of obstacle avoidance and visual navigation. An alert will prompt you to engage the GPS Night Flight mode when required. Set your return behaviors before launch; you will only be able to return using GPS.

Enable GPS Night Flight

Step 1 - Select  settings

Step 2 - Select the Drone tab

Step 3 - Adjust return height in Return Behavior menu

- Obstacle avoidance is disabled adjust return height to return above any potential obstacles

Step 4 - Select Lights

- Toggle RGB lights OFF to avoid giving away your position

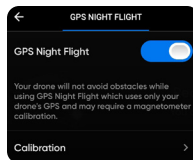
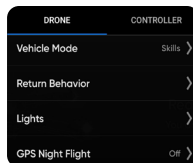
Step 5 - Select GPS Night Flight and toggle ON

Step 6 - Toggle Hand Wave Motion ON (default)

Step 7 - Navigate back to the FLY screen and select Begin Flight

- You will be prompted to calibrate the magnetometer prior to launch

Step 8 - Hold X2D with the camera facing away



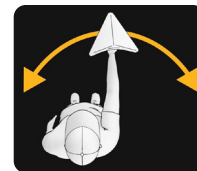
Step 9 - Rapidly wave X2D side to side

Step 10 - Set X2D down and launch

- X2D will rotate 360° to establish a heading

Step 11 - Monitor the GPS signal strength and the signal connection

- Select the Connection Status icon to display the status, signal strength, GPS quality, and satellite count.
- 7-10 satellites are required for optimal GPS performance



Landing:

- If X2D loses GPS it will initiate an emergency landing and descend quickly using only the barometer; you should expect lateral drift.
- Moving the joysticks will allow you to fly the drone manually (without position hold) to a safe landing location. Press the LAND button when you are low over the landing location.



WARNING: Never hand launch or land in GPS Night Flight.