Skydio X2D Reconnaissance Drone

Skydio X2D Reconnaissance Drone Instruction Manual

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Skydio

Skydio X2D Reconnaissance Drone

Specifications

- **Product Name:** Skydio X2D
- **Control Device:** Controller
- **Wireless Performance:** Impact when brought too close to the body
- **Signal Strength:** Displayed on the connection status indicator
- **GPS Flight:** Enabled with a stronger GPS signal
- **Interference:** Signal jamming is possible in certain environments

Product Usage Instructions

Skydio X2D Connection Status:
When flying at maximum range, follow these steps to ensure proper connection:

1. Point the controller cover towards X2D.
2. Hold the controller as far away from your body as possible.
3. Avoid electromagnetic interference areas.

Connection Status Indicator

The connection status indicator provides information on signal strength and satellite connection:

- Displays current signal strength between the controlling device and X2D.
- Shows several connected satellites.
- Select the connection status icon for a detailed view.

Optimizing Signal Quality

To maximize RF signal quality, ensure the following:

- The controller antenna is located on the cover.
- Orient the antenna towards the drone.
- Fly in clear environments with a clear line of sight.

WARNING: The controller antenna should be oriented towards the drone for optimal signal quality.

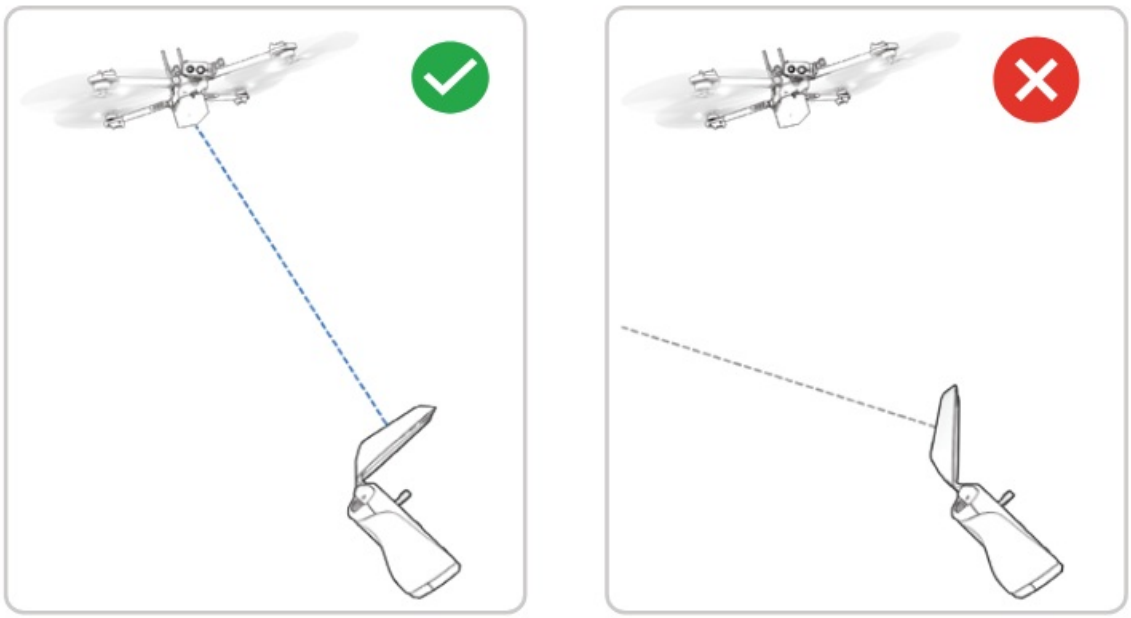
Skydio X2D Connection Status

When flying at max range, point the controller cover toward X2D and hold the controller as far away from your body as possible. Bringing the controller too close to your body will impact wireless performance. Signal strength and maximum control range may be affected when flying in areas with electromagnetic interference.

Using Instruction

The connection status indicator displays the current strength of the signal connection between your controlling device and your X2D and the number of satellites you are connected to. Select the connection status icon to view.

- The more bars in the Connection Status indicator the stronger the RF signal
- You need a minimum of four satellites to establish the position of your X2D
- You need 7-12 satellites for a solid stable connection
- Hand carry or fly your drone to a different location to search for a stronger GPS signal
- During flight check GPS quality in different areas to see where you may be able to utilize GPS flight in the future
- Point the controller cover in the direction of the drone to maximize the
- If you are unable to acquire a signal after manually selecting your channels, it is likely your signal is being jammed
- In the event of an RF signal loss, your drone will default to the emergency behaviors you set
- When flying in attitude mode, it is important that you have an RF connection between your controller and X2D
- If flying in Attitude Mode, the drone will perform an emergency landing in place
- Only enable the narrow band to extend control range when in open and clear environments and when you have a clear line of sight.



WARNING: The controller antenna is located in the cover and should be oriented in the direction of the drone to maximize RF signal quality.

For detailed instructions

Frequently Asked Questions

- **Q: How can I enhance the signal strength between my controller and X2D?**
  - A: Ensure the controller cover is pointed towards the drone and avoid interference areas. Keep the controller away from your body during flight.
- **Q: What should I do if my signal is being jammed?**
  - A: If you suspect signal jamming, try changing your location to a clearer environment with fewer obstructions.

Documents / Resources

	**Skydio X2D Reconnaissance Drone** [pdf] Instruction Manual X2D Reconnaissance Drone, X2D, Reconnaissance Drone, Drone
	**Skydio X2D Reconnaissance Drone** [pdf] Instruction Manual X2D Reconnaissance Drone, X2D, Reconnaissance Drone, Drone

References

- **User Manual**