

HANDHELD CONTROLLER

Draganflyer standard handheld controller developed specifically for the Draganfly series aircraft with real-time telemetry alarms and automated "Return to Home" (RTH) features.



The Draganfly custom designed Handheld Controller features a direct sunlight viewable touch screen and most importantly every switch or button has a purpose. The controller is ergonomically designed to provide precise helicopter control. The controller is compatible with all Draganfly series helicopters. As an add-on option illustrated below, the controller can be fitted with a Nexus digital video display for use with any Draganfly aircraft utilizing a digital video payload.

Comfortable:

Some might think flying a helicopter can be difficult but by engineering every component from the ground-up we're able to make flying an enjoyable experience and it all starts with something as simply being comfortable at the controls. The handheld controller from Draganfly Innovations is comfortable to hold, well balanced for a good feel and even better, every switch and button has a purpose and is within easy reach.



Wireless Linking:

Two controllers can be "linked together" creating a safe flight training experience or in operation, you can split tasks between operators. For example when out on a photo shoot you can have both a dedicated pilot and dedicated photographer by "splitting off" the camera controls to the other controller.

Fail safe routines:

The aircraft and handheld controller feature either an automated "land now" or "return to home" capability triggered by a low battery or poor datalink signal. As the pilot in command you decide which action is best.

Real-time helicopter data:

As the Pilot-in-Command of the aircraft it's your responsibility to know the status and health of the aircraft at all times. This might sound like a difficult task but not with the real-time telemetry data provided by the Draganfly system. Vital real-time helicopter data is displayed on the direct sunlight viewable touch screen in an easy to read format to provide altitude, heading, bearing, battery health, GPS accuracy and the list goes on complimented by audible tones and alerts to let you know when an event or trigger takes place.



Alarms and limits:

It's always great to have someone looking over your shoulder but why not let the controller automatically inform you of situations as they develop like a battery getting low, your flight time or possibly exceeding a predetermined altitude limit. The handheld controller will bring up the appropriate warning screen and sound the appropriate alarm to keep you informed