

## Tens of thousands of satisfied customers have made Co-Pilot the name associated with flight stabilization worldwide.

Now introducing Co-Pilot II, an advanced new product with all the features you NEED, plus many more that you simply WANT.

3D Ready

AVAILABLE SPRING 2009  
Complete Package with all Accessories Priced at under \$250 USD

New Improved  
"Natural Flight"  
Feel

### Co-Pilot II Feature Set:

1. **Stand-alone operation** – computer module installs between existing receiver and servos.
2. **Micro-size components** – Utilizes SMT components and tiny infrared thermopiles reducing the profile of sensor modules by approximately 50% over previous Co-Pilot models.
3. **All new, digital sensor technology** – Digital conversion now takes place within the sensor units. Communication between the sensor modules and the Co-Pilot computer is accomplished on standard, 3 wire servo connectors. The potential for analog noise in any installation is virtually eliminated.
4. **Unprecedented Accuracy** – As with all previous Co-Pilot models, the system offers accuracy to 1 degree of the horizon by sensing the temperature variation between the earth and the sky. Just center the control sticks and Co-Pilot II will right your model from any attitude in split seconds.
5. **The optional Vertical Sensor module** forces the system to roll out of inverted to prevent the potential for striking the ground upon low altitude recovery. When installed, the vertical sensor also allows for automatic and continual calibration.
6. **Supports all types of radio systems** including any spread spectrum radios.
7. **Stabilizes up to 4 channels** for compatibility with virtually any aircraft configuration including CCPM heli's, differential or dual ailerons, flapperons
8. **Supports high-resolution digital servos** as well as analog servos
9. **Works in most weather conditions** with the exception of heavy rain or severe overcast making it the ideal and affordable solution for radio control enthusiasts. Automatic weather check can be read out on the LCD at any time.
10. **Flight Stabilization with a "Natural Flight" Feel** – The Co-Pilot II now includes "stick priority" as a built-in option to provide a natural flying "feel" when using flight stabilization. Using stick priority, the Co-Pilot II is now capable of automatically reducing flight stabilization sensitivity just by moving the stick further away from center. This results in a natural flying experience without sacrificing recovery time.
11. **New 3D modes** (currently under development) include automatic vertical hover, knife edge, and inverted flight.
12. **On/Off remote control** can be set up on any type of auxiliary transmitter switch or knob.
13. **New "Flight Modes" access** allow for setting up different stabilization characteristics on any type of auxiliary transmitter switch or knob. Now it is easy to switch between basic stabilization and 3D modes with the flip of a switch. Learn new aerobatic maneuvers with safety and confidence.
14. **Simple to Setup and Operate** – Includes streamlined "wireless" user interface for vastly improved and simplified system setup and monitoring. The wireless system which makes this possible is a new technology developed by FMA termed "IRNet". Co-Pilot II is therefore the first IRNet peripheral to be made available by FMA/Revolectrix, but IRNet applications will extend far beyond the Co-Pilot II. This means that with the purchase of the Co-Pilot II, you are already set up to use any future IRNet peripherals that become available. Items under consideration include GPS integration, on-board watt meter, tachometer, temperature sensor, digital servo matchbox, tools for selecting appropriate electric propulsion components and others.
15. **IRNet offers a fresh approach to Controlling and monitoring On-Board Avionics** – IRNet consists of a wireless, infrared, 4 button programmer containing a 2-line, 16 character LCD, and a wireless network router. IRNet range is dependent on weather conditions but ranges from 30 to 200 feet, line of sight. The router is mounted in the aircraft and is capable of supporting multiple IRNet compatible devices. Each device on the "network" communicates with the IRNet programmer using a unique address much like the network of computers in your office, but on a smaller scale. Connected IRNet peripherals are represented as separate devices in the programmer, each supporting its own unique menu system. Setting up an IRNet device is as simple as scanning for the device's welcome screen and answering a series of questions, much like using a television remote. Monitoring system information in real time is as easy as scrolling through the available data screens. Imagine being able to pre-flight check every critical piece of electronics in your aircraft prior to takeoff, and all without having to bend down and remove a wing or even plug in a wire.

