

Quick Start Guide for Admiral RX600SP Receiver

Thank you for purchasing the Admiral RX600SP 6-Channel DSMX™ Compatible Receiver with 6-Axis Stabilizer from Motion RC! Here is a quick guide to begin using your product. Visit www.HobbySquawk.com for more information.

BINDING - Follow the process below to bind the Admiral RX600SP receiver to your radio transmitter:

- 1) Insert a bind plug into the port labeled "BIND/AUX2" and then apply power to your receiver.
- 2) Hold down the bind button on your radio transmitter, and power on the radio transmitter.
- 3) The red LED at the bottom of the receiver will change from quick strobe to slow strobe.
- 4) Release the bind button. After a moment, the red LED will turn solid. The receiver is now bound.
- 5) Remove power from your receiver. Turn off your radio transmitter.
- 6) Remove the bind plug from the "BIND/AUX2" port. This port can now be used as a fully functional 7th channel (AUX2)
- 7) Completing this procedure will result in a 7 channel receiver, with all stabilization turned OFF.

ACTIVATING STABILIZATION (i.e. 7 channel receiver with "Stabilization Combo A" turned ON)

- 1) Move dip switches "J4" and "J5" to "ON", furthest from the servo ports. (v-tail should turn on J5 only and delta wing planes should turn on J4 only). See chart below:

WING TYPE	J4	J5	J6
NORMAL	ON	ON	OFF
DELTA	ON	OFF	OFF
V-TAIL	OFF	ON	OFF
FLAPERON	ON	ON	ON
GYRO OFF	OFF	OFF	OFF

- 2) In your radio, navigate to "Mixes" and create a Mix as shown below. Mix 1 (bind) to GER. Rate 0% and 5%



- 3) Verify that the default GER settings on the "Travel" screen are unchanged. They must match this screen:



Following the instructions above, your receiver's Stabilization Modes are now enabled, and depressing the BIND button on your radio will toggle between the two Modes of the selected Stabilization Combination. Your RX600SP receiver can be programmed for

any of three "Stabilization Combinations", Combo A, Combo B, or Combo C, according to your preference. The default Combo delivered with your receiver is Combo A:

Releasing the BIND button = Gyro ON, the **Green** LED on the receiver is illuminated

Holding the BIND button = Recovery Mode ON, the **Red** and **Green** LEDs on the receiver ALTERNATE

SELECTING A DIFFERENT "STABILIZATION COMBO":

Your Admiral RX600SP receiver can be programmed for any of three "Stabilization Combos", according to your preference. To select another Combo:

- 1) Insert a bind plug into the port labeled "BIND/AUX2".
- 2) Insert a second bind plug along the three signal pins of channels "RUDD", "GEAR", and "AUX1".
- 3) Apply power to your receiver.
- 4) Single LED Indicator: Observe the illuminated LED alongside the micro-button. This micro-button can be tapped for less than one second to toggle between a **Blue** LED (Advanced Recovery mode) and **Green** LED (Beginner Recovery mode). "Beginner" recovers aircraft at slower speeds more smoothly.
- 5) Double LED Indicator. Observe the alternating **Red/Green** LEDs. These LEDs alternately flash seven times, then display a Pattern for 2-4 seconds, before beginning the alternating flash sequence again. This Pattern displays which "Combo" the receiver is set to provide. To toggle between different Combos, depress the micro-button for two seconds until the Double LED Indicator turns off completely, then begins to display the next Combo.

Combo A: (Default) Gyro On / Recovery. LED "Pattern" = **Green** displayed for two seconds

Combo B: Gyro Off / Gyro On. LED "Pattern" = **Green** for two seconds, then **Red** for two seconds

Combo C: Gyro Off / Recovery. LED "Pattern" = **Red** and **Green** displayed together for two seconds

- 6) When satisfied with the Combo being displayed, remove receiver power and remove the bind plugs.

VISUAL IDENTIFICATION OF MODE STATUS

At all times, the receiver's Double LED Indicator will show you which Mode the receiver is currently in:

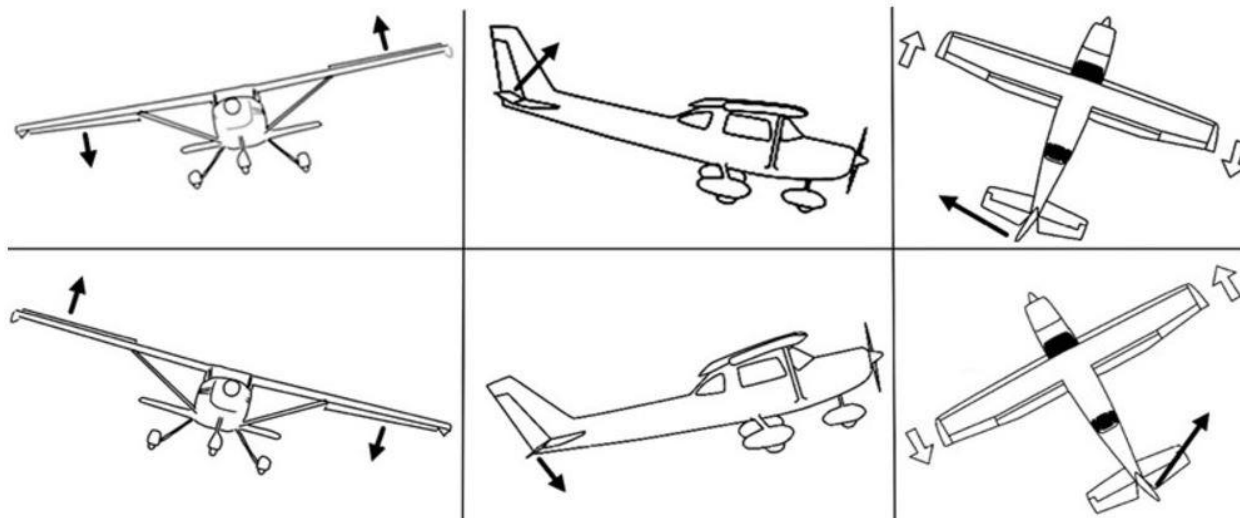
Solid **Green** = Gyro Mode ON

Solid **Red** + **Green** = Gyro OFF

Alternating **Red** and **Green** = Recovery Mode ON

PRE-FLIGHT TESTING

As with every component of your RC aircraft, we recommend extensively testing all functions of the product on the ground before flight. Incorrect installation or configuration of this receiver can result in damage, personal injury, and/or loss of the aircraft. Make sure direction of servo travel is checked by with the plane in your hand. For example, pitching the nose of the plane up should result in the gyro moving the elevator down. Remove prop during testing. See chart:



To supplement this Quick Start Guide, see the product page for updated manuals and videos. If you have any questions of how to utilize your Admiral RX600SP Receiver, please contact our friendly and knowledgeable Customer Support Team at 224-633-9090, Monday-Friday 7:30AM-6:00PM CST, or contact the Chat Team at www.motionrc.com during business hours.

- *This is not a Spektrum™ DSMX™ product, nor is it a copy of a Spektrum™ DSMX™ product.*
- *Admiral receivers are designed to be compatible with Spektrum's™ DSMX™ product.*
- *The Spektrum™ and DSMX™ brands are a trademark of Horizon Hobby, Inc.*