Admiral RX600 6-Channel DSMX™ Compatible Receiver with Diversity Antenna

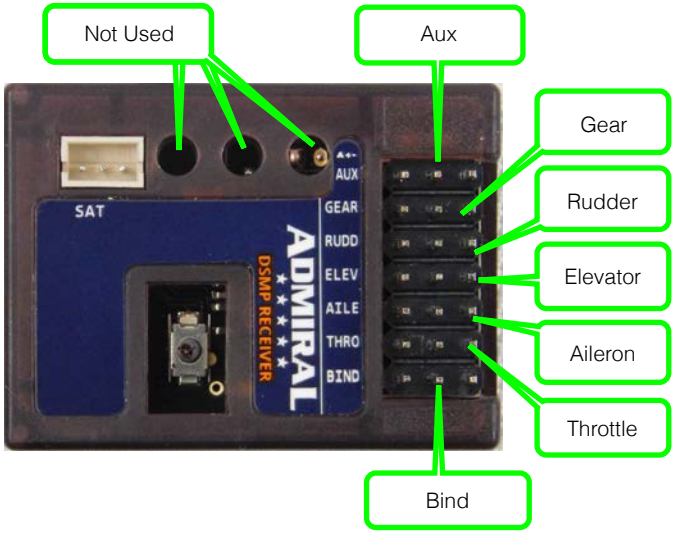
Quick Start Guide

ADMIRAL

Identifying the RX600's Ports

The RX600 has seven connectors. BIND is for the Binding/ Fail-Safe process. AUX is for surfaces or controls, such as flaps. The rest are labeled with their intended channels (they can be used for other purposes).

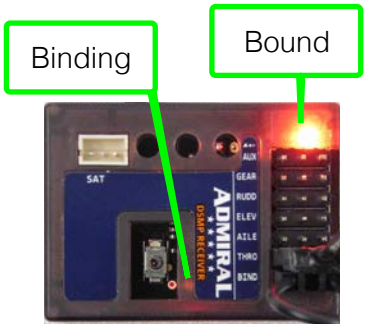
Note that the three holes on top of the case are not used on the RX600.



Binding the RX600

To bind the RX600 to your transmitter, perform the following steps:

1. Insert the Bind plug onto the BIND pins.
2. Connect the receiver to power, such as connecting an ESC's throttle lead to the THRO port and a battery to the ESC. The receiver's Binding mode light (located on the bottom) flashes quickly, indicating it is in Bind mode.
3. Turn on your transmitter and put it in Bind mode. Usually, this involves holding a switch or button (such as the Trainer switch) while turning the transmitter on. (See the instructions for your transmitter for the details.)
4. When the red Bound light illuminates, release the Bind switch or button on the transmitter. The RX600 is bound to the transmitter.
5. Remove power from the receiver.
6. Remove the Bind plug from the receiver.
7. Turn off the transmitter.

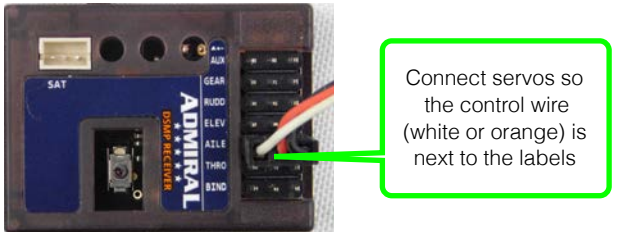


Test the connection by turning on the transmitter and then powering the receiver. The Bound light should light. Perform a range test before flying the model.

Connecting Servos to the RX600

When connecting servos, ESC, retracts, etc. to the receiver, the control wire (orange or white depending on the direction of the servo) should be closest to the labels on top of the receiver.

Make sure you firmly insert the servo connectors onto the receiver's pins so that the connectors don't come loose during flight maneuvers.



MOTIONRC

Setting the RX600's Fail-Safe

The RX600 enables you to set fail-safe positions; if the receiver loses its connection to the transmitter, the controls move to the fail-safe positions automatically.

1. Follow Bind steps 1-4 (don't remove the Bind plug).
2. Hold the transmitter controls in their fail-safe positions; for example, move the throttle stick to off.
3. Press the Fail-Safe button until you see the green Fail-Safe light illuminate.
4. Disconnect the receiver from power.
5. Remove the Bind plug.

If the receiver and transmitter lose communication, the controls move to their fail-safe positions. When communication is restored, normal control returns.

Test this by powering the transmitter and receiver; the red Bound and green Fail-Safe lights are on. Turn the transmitter off; the red Bound light turns off while the green Fail-Safe light remains on. Turn the transmitter on; the Bound light illuminates (the Fail-Safe light remains on).

RX600 Specifications

- Compatibility: DSMX, DSM2
- Number of channels: 6
- Dimensions: 37.4 mm x 27.6 mm x 9.0 mm
- Weight: 7 g
- Voltage: 3.45 - 8.4 V

Installing the RX600

Use the double-sided tape to install the RX600 where you can access it as needed while placing it as far from the battery and other electronics as possible.

Secure the RX600's antennas at a 90-degree angle ("L" shape) to each other to maximize signal reliability.

Using a Satellite Receiver

A satellite receiver provides a more reliable connection between the transmitter and aircraft by providing additional antennas that you can position away from the primary receiver and other components to achieve a reliable signal in all orientations of the model.

You can purchase a satellite receiver for the RX600 here: Satellite Receiver at Motion RC.

To use a satellite:

1. Disconnect the receiver from power.
2. Connect the cable supplied with the satellite to the SAT port on the RX600 and to the satellite.
3. Bind the RX600 to the transmitter.
4. Use the provided double-sided tape to install the satellite receiver; place it as far from the RX600 as possible while avoiding installing it next to batteries or other electronics.
5. Secure the satellite's antennas at 90-degree angles to each other and to the RX 600's antennas if possible.