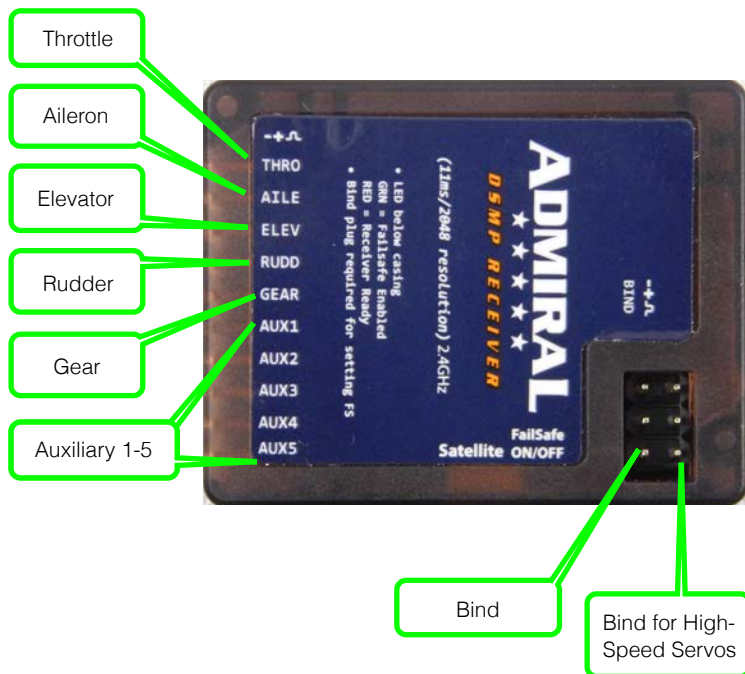


Identifying the RX1000's Ports

The RX1000 has 12 ports. BIND is for the Binding/Fail-Safe process; the unlabeled port is for configuring the receiver for high-speed, digital servos. AUX1-AUX5 are for surfaces or other controls, such as flaps or gyro control. The rest are labeled with their intended channels, but they can be used for other purposes.



Binding the RX1000

To bind the RX1000 to your transmitter, perform the following steps:

1. Insert the Bind plug onto the BIND port.
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 Bind 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 (located on the bottom of the receiver on the side opposite to the ports) illuminates, release the Bind switch or button on the transmitter. The RX1000 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 illuminate.

Always perform a range test before flying the model. See the instructions for your transmitter for the details.



Connecting Servos to the RX1000

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

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

Connect servos so the control wire (white or orange) is at the top of the receiver



Setting the RX1000's Fail-Safe

The RX1000 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 (located on the side of the receiver) until you see the green Fail-Safe light illuminate.
4. Disconnect the receiver from power.
5. Remove the Bind plug.

Fail-Safe Button



Fail-Safe Light (green)



Bound Light (red)

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).

Configuring the RX1000 for High-Speed, Digital Servos

If you use only high-speed (11 ms), digital servos, perform the following steps to maximize performance:

1. Install a Bind plug in the BIND port.
2. Install a second Bind plug in the unlabeled port next to the BIND port.
3. Connect the receiver to power. The receiver's Bind Mode light (located on the bottom) flashes quickly, indicating it is in Bind mode.
4. Turn on your transmitter and put it in Bind mode. (See the instructions for your transmitter for the details.)
5. When the red Bound light illuminates, release the Bind switch or button on the transmitter. The RX1000 is bound to the transmitter. The green light flashes briefly indicating that the high-speed configuration is set.
6. Remove power from the receiver.
7. Remove the Bind plugs from the receiver.
8. Turn off the transmitter.



Bind Plugs

Each time you power the receiver with the high-speed configuration set, the green light flashes briefly.

Installing the RX1000

Use the double-sided tape to install the RX1000 where you can access it as needed while placing it as far from the battery and other electronics as possible.

Secure the RX1000's antennas at a 90-degree angle ("L" shape) to each other to maximize signal reliability.

RX1000 Notes

- To cancel the High-Speed Digital Servo mode, re-bind the RX1000 with a Bind plug installed only in the BIND port.
- You can also use the Bind port to input power to the receiver. For example, if you use an external BEC, its power output can be plugged into the Bind port.
- When using a satellite receiver, the Bound light on the satellite also illuminates when the receiver is powered on.

Using a Satellite Receiver

A satellite receiver provides a better 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 RX1000 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 Satellite port on the side of the RX1000 and to the satellite.
3. Bind the RX1000 to the transmitter.
4. Use the provided double-sided tape to install the satellite receiver; place it as far from the RX1000 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.



Satellite Port

RX1000 Specifications

- Compatibility: DSMX
- Number of channels: 10
- Dimensions: 43.0 mm x 33.9 mm x 13.4 mm
- Weight: 13 g
- Voltage: 3.45 - 8.4 V