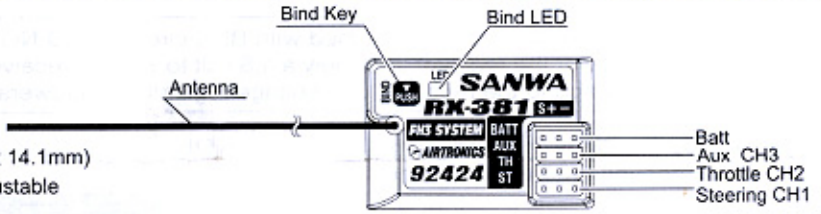
92424 2.4GHz FH3
Digital High Response Receiver Operating Instructions

AIRTRONICS Get The Advantage.

Use this receiver with your Airtronics M11X, EXZES X, MT-4, MX-3X, GEMINI X (FH3) transmitter. Please note that due to differences in the implementation of 2.4GHz technology among different manufacturers, this receiver is compatible only with Airtronics FH3 surface transmitters.

Model: 92424
Frequency: 2.4GHz FH3
Input Voltage: 4.8v - 7.4v
Weight: 0.28oz (8.0gr)
Dimensions: 1.48×0.97×0.56in (37.5 x 24.7 x 14.1mm)
Fail Safe Limit: 3.8v Default / 3.5v - 5.0v Adjustable



2.4GHZ FREQUENCY BAND PRECAUTIONS

- The 2.4GHz frequency band may be used by other devices, or other devices in the immediate area may cause interference on the same frequency band. Always before use, conduct a bench test to ensure that the servos operate properly. Also, conduct checks with the transmitter as distant as possible from your model.
- The response speed of thereceiver can be affected if used where multiple 2.4GHz radio controllers are being used, therefore, carefully check the area before use. Also, if response seems slow during use, stop your model immediately and discontinue use.
- If the 2.4GHz frequency band is saturated (too many radio controllers on at once), as a safety precaution, the radio control system may not bind. This ensures that your radio control system does not get hit by interference. Once the frequencies have been cleared, or the saturation level has dropped, your radio control system should be able to bind without any problems.

TRANSMITTER PRECAUTIONS

- Turn the transmitter ON first and then turn the receiver ON. After using your model, turn the receiver OFF first, then turn the transmitter OFF. It can be dangerous if you activate the components in reverse order as the servos may start up inadvertently.
- Before use, double-check that the transmitter and receiver batteries are sufficiently charged.
- Never touch the transmitter antenna during use. Doing so may cause loss of transmitter output, making it impossible to control your model.
- Before use, the transmitter antenna should be moved in the fully upright position. After use, to prevent any chance of damaging the antenna, the antenna should be moved into the horizontal stowed position. The transmitter's antenna is delicate. Handle it with care.
- Do not press the Bind key during use. The radio signal is interrupted while the Bind key is pressed. It may also require a short time to restore the signal after releasing the Bind key, which can be dangerous.

RECEIVER PRECAUTIONS

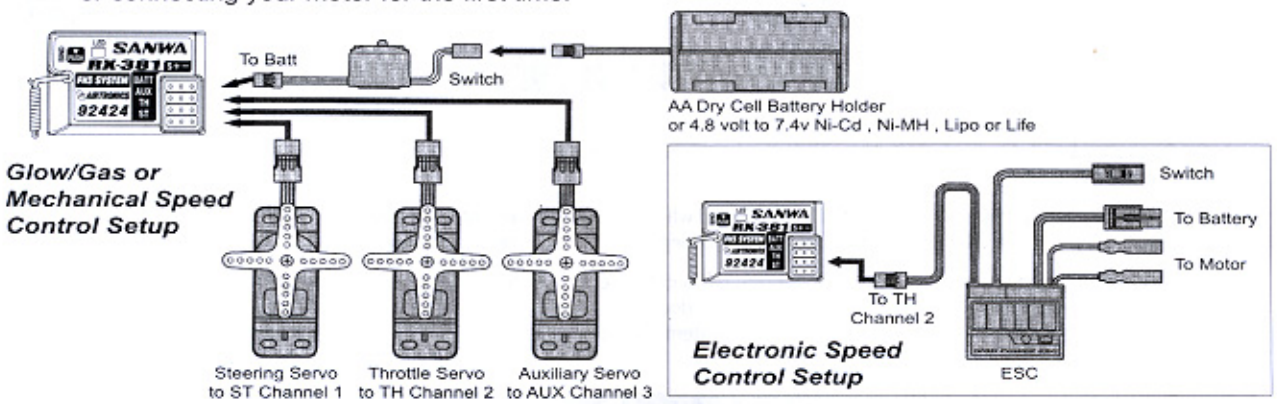
- The antenna wire is delicate, therefore, handle with care. Do not pull on the antenna wire with force. Do not cut or extend the antenna wire.
- The antenna wire should be installed into a vertical plastic tube per your particular model's assembly instructions. Keep the receiver antenna as far away from the motor, battery, and ESC as possible.
- There is a danger of runaway operation if connectors shake loose during use. Make sure that the receiver, servo(s), and switch connectors are securely fitted.
- The receiver is susceptible to vibration, shock, and moisture. Take appropriate measures to protect against vibration and moisture. Failure to take appropriate measures could result in runaway operation or damage to the receiver.
- When installing the receiver, avoid contact with any carbon or metal chassis components.
- Contact between metal parts mounted on a model can result in electrical noise, which can adversely effect receiver performance and possibly result in runaway operation or damage to your model.
- With electric-powered models, be sure to fit the motor with a noise suppression capacitor. Without a noise suppression capacitor, excessive electrical noise generation can cause runaway operation and/or result in damage to your model.
- The manufacturer disclaims all responsibility for damages resulting from use of components other than genuine Airtronics components.

RECEIVER CONNECTIONS AND MOUNTING

- We suggest binding the transmitter and receiver, and setting the Throttle Fail Safe position, prior to mounting your receiver in your model.
- The receiver should be mounted as far away from any electrical components as possible.
- Route the receiver antenna up through a plastic tube so that it is in the vertical position.
- To protect the receiver from vibration and other damage, we recommend wrapping the receiver in shock absorbing foam when installing it in your model.

WARNING The receiver is NOT equipped with BEC circuitry. DO NOT use a receiver battery any greater than 7.4 volts to power the receiver. Use only a 4.8 volt to 7.4 volt receiver battery, an ESC with a BEC circuit that lowers the voltage to the receiver, or a voltage regulator that lowers the voltage to the receiver.

⚠ Set your model on a stand so the wheels are off the ground before turning on your radio control system or connecting your motor for the first time.



BINDING THE RECEIVER TO YOUR TRANSMITTER

It is necessary to pair the transmitter and receiver to prevent interference from radio controllers operated by other users. This operation is referred to as 'binding'. Once the binding process is complete, the setting is remembered even when the transmitter and receiver are turned OFF, therefore, this procedure usually only needs to be done once for each separate receiver you're using.

1) Turn your transmitter ON.
2) Depress and HOLD the receiver's Bind Button.
3) Turn the receiver ON while continuing to hold the Bind Button. The receiver's Bind LED will flash slowly.
4) After 2 to 3 seconds, release the Bind Button.
5) Depress and HOLD your transmitter's Bind Button until the receiver's Bind LED begins to flash rapidly. The binding process is successful when the receiver's Bind LED is solid.

⚠ MT-4：the Bind LED on the receiver will flash rapidly,then go out.Please complete the operation when LED is turned off.

6) Move the controls to confirm the transmitter and receiver are operating correctly.

⚠ After releasing the Bind Button, you must press the ENTER key quickly (within a couple of seconds). If you take too much time, you will need to restart the binding process.

⚠ When the binding procedure is successful, the Bind LED on the receiver will stay solid blue when both the transmitter and receiver are turned ON. If the Bind LED on the receiver is blinking rapidly, the transmitter and receiver are not paired. In this case, turn both the transmitter and receiver OFF,then repeat the binding procedure

IMPORTANT Please see the manual of the transmitter about the BIND operation of the transmitter.

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