

# FHSS-2 2.4GHz

## Module and Receiver Manual

Thank you for purchasing your new FHSS Module and Receiver. The FHSS Module and Receiver are to be used in a Airtronics M8, M11, Super EXZES and EXZES Plus. DO NOT try to use the FHSS Module or Receiver in any other radio system. Please read this manual completely before installing and or using it. Always keep this manual to use as a reference.

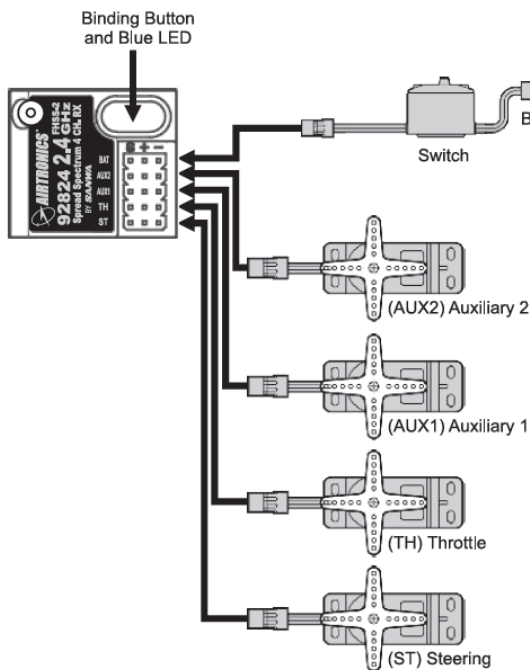


### SERVO CONNECTIONS

Install your FHSS Receiver as far away from any electrical components as possible. Route the antenna through a plastic tube so that it is in the upright position. With the receiver power switch in the off position, insert the servos and/or ESC as shown in the illustration below

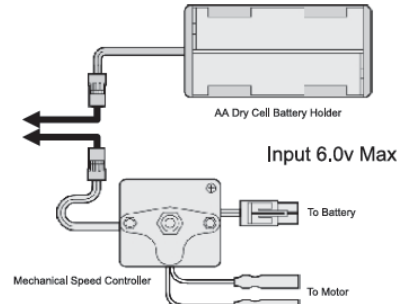
#### CAUTION

When installing your receiver in your model, always make sure to set your model on a stand so the wheels are free from any traction before turning on your radio and/or connecting your motor for the first time.

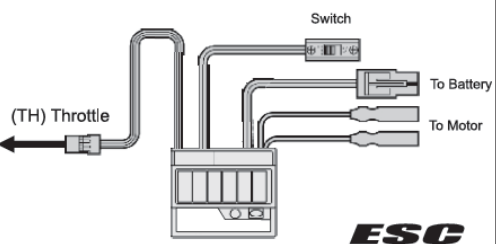


#### CAUTION

Your FHSS system receiver is NOT equipped with BEC circuitry. DO NOT use more than 6.0 volts to power the receiver. Anything higher than 6.0 volts will burn-up or destroy your receiver. Only use a 4.8~6.0 volt battery pack or a speed controller that is designed to lower the voltage to the receiver.



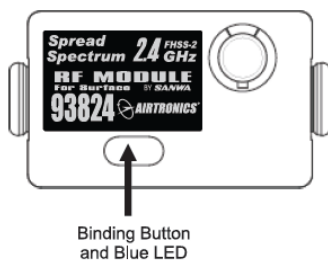
#### Electronic Speed Controller Setup



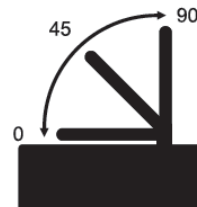
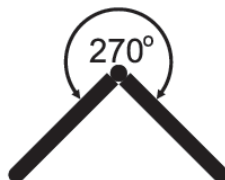
NOTE : To protect your receiver from damage, it is recommended that you wrap it in shock absorbing foam when installing it in an R/C vehicle.

### FHSS MODULE

Before installing your FHSS Module, make sure the power switch on your transmitter is in the OFF position. Read the following instructions first before turning the power switch to the ON position on the transmitter.



The FHSS Module can be rotated 135 degrees to the left or 135 degrees to the right for a total of 270 degrees. It also has three positions up and down. Adjust the FHSS Module antenna to suit your preference.



## BINDING (RECEIVER to TRANSMITTER)

After installing the FHSS Receiver and Module, you are now ready to bind them together. Binding is the process that will match the FHSS Receiver to the FHSS Module electronically as a match set. You can bind additional Airtronics FHSS Receivers to your FHSS Module to operate many other cars, trucks and or boats.

Throttle Fail Safe is a feature that will move the throttle servo to a preset position that you set. If no user preset is added, the Fail Safe will set it-self to the neutral throttle position.

### BINDING:

1. Turn the power switch to the ON position on the Transmitter.  
The FHSS Module LED will turn on after 6 seconds.
2. Depress and hold the FHSS Receiver Binding button.
3. Turn the power switch to the ON position on the FHSS Receiver and continue holding the Binding button.  
The FHSS Receiver LED will flash slowly.
4. Release the Binding button on the FHSS Receiver after 2 seconds.
5. Depress and hold the Binding button on the transmitter until the LED on the FHSS Receiver flashes rapidly
6. Binding is now complete. Both FHSS Module and Receiver LED will now stay on.
7. Operate the controls to confirm.

## THROTTLE FAIL SAFE

After binding of the FHSS Module and Receiver, you can set the Throttle Fail Safe feature.

1. Turn the power switch to the ON position on the transmitter. Confirm FHSS Module LED is on.
2. Turn the power switch to the ON position on the FHSS Receiver. Confirm FHSS Receiver LED is on.
3. Move controls to confirm connection between transmitter and receiver.
4. Move throttle lever to your desired Fail Safe position and hold.  
NOTE: If the throttle lever is left in the neutral position, Fail Safe will be set at that position.
5. Depress the binding button on the FHSS Receiver for 4 seconds. LED will flash slow
6. Release the throttle lever after the receiver LED starts to flash rapidly, and discontinue pressing the Binding button on the receiver.
7. Confirm that the Throttle Fail Safe is working properly by turning the transmitter power switch OFF. The servo should move to the preset fail safe position. Turn the transmitter power switch back on to confirm full control.

## BINDING NOTES

You must rebind and reset Throttle Fail Safe on the FHSS Receiver when:

1. You change your M11 from (2 to 4) or (4 to 2) channels.
2. Install your FHSS Module from a M11 to M8 or M8 to M11, and Super Exzes to Exzes Plus, or Exzes Plus to Super Exzes.

## FCC COMPLIANCE STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC Caution: Any Changes or modifications not expressly approved by the party responsible for Compliance could void the user's authority to operate this equipment.

This module must not be co-located or operating in conjunction with any other antenna or transmitter.

The final end product must be labeled in a visible area with the following: "Contains FCC ID L73ATX93824"

## WARRANTY

Your Airtronics FHSS Module and FHSS Receiver are warranted for the period of one year from the original date of purchase. When in need of any warranty service, send the item to the address below with a detailed note stating the problem you are having and include a copy of the original sales receipt. Any modifications or abuse of the product will void any warranty.

The FHSS Module and FHSS Receiver are not waterproof. Water damage is not covered under any warranty.



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