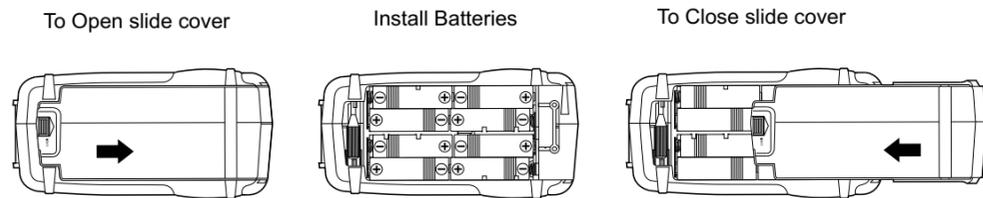


## TRANSMITTER BATTERY INSTALLATION

1. Press down on the battery cover and slide in the direction of the arrow to remove.
2. Install 8 pieces "AA" size alkaline batteries as indicated on the battery tray. Make sure to match the polarity (+ and -) as shown in the battery compartment or the transmitter will not function.
3. Install the battery cover in place and slide to close.

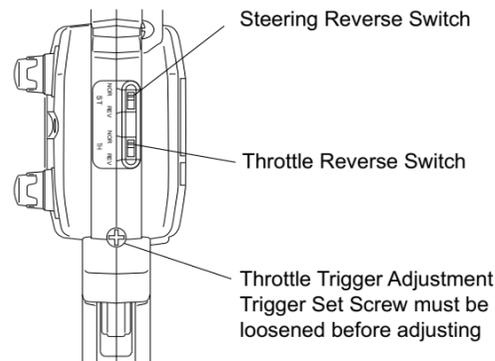
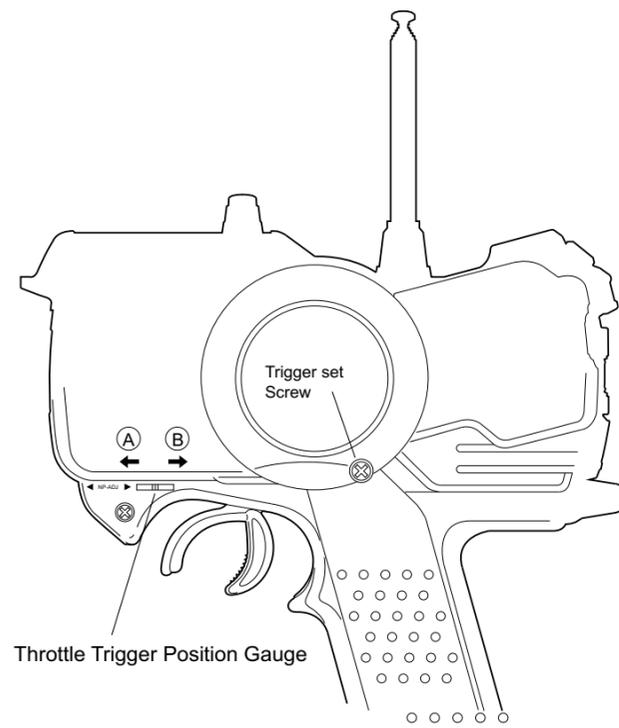
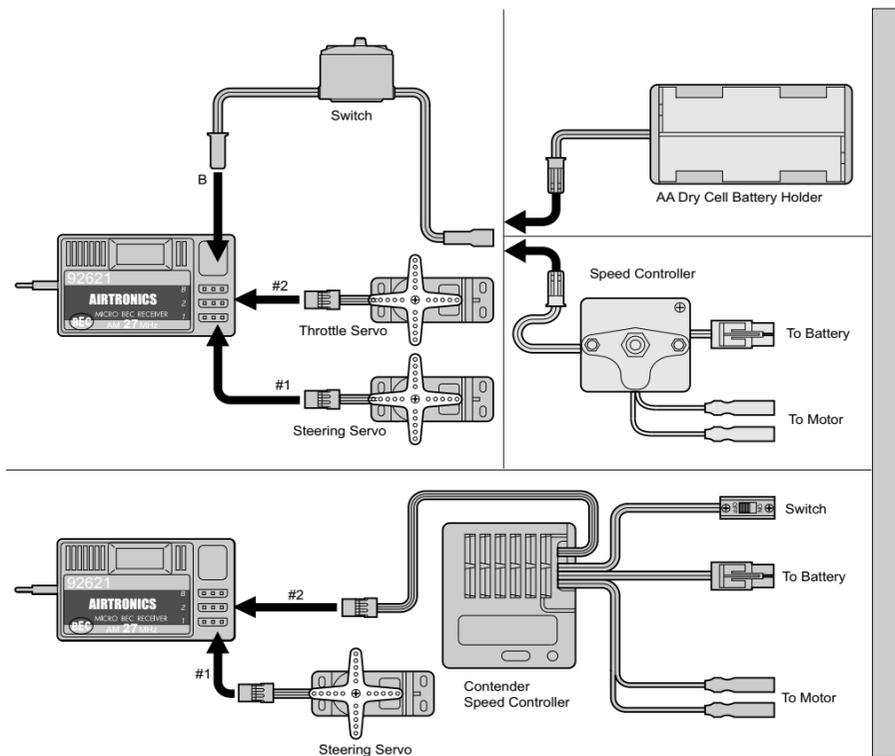
**WARNING:** Improper installation of transmitter batteries can cause serious damage to your system.



## RECEIVER AND SERVO CONNECTIONS

Your Blazer or Blazer Sport R/C system is equipped with a BEC receiver to eliminate the need for a separate battery receiver pack, but you can use a separate power supply if desired for your particular model. The following diagram shows a typical connection for the servos and receiver. Note that the receiver antenna should be located at least 2" (50 mm) away from any servo leads and switches. In electric cars, we recommend that it be at least 4" (100mm) from the electric motor.

Extend the receiver antenna to the full length. Failure to do so will cause loss of control. Do not cut or bend the receiver antenna. Be careful to avoid any metal parts coming in contact with the servo connectors as this will affect the performance. Insulate the connectors with tape or use tie wraps to avoid contact with metal car chassis. Please follow the model manufactures recommendations for the correct installation of your radio system in your car or boat.



### Troubleshooting Guide

If your radio system does not operate properly, please check the following items:

1. Make sure the batteries are properly installed and check the polarity (+ and -) again.
2. Check that both the transmitter and receiver power switches are in the ON position.
3. Check the LED Power Indicators and make certain that all three are on. If not, replace the batteries.
4. Make sure all the receiver and servo connections are tight.
5. Make sure that the proper frequency crystals are installed in the transmitter and receiver.

### WARNINGS

DO NOT OPERATE YOUR SYSTEM IF SOMEONE ELSE IS ON YOUR FREQUENCY AT THE SAME TIME. YOUR MODEL CAN CAUSE SERIOUS DAMAGE OR INJURY SO PLEASE USE CAUTION AND COURTESY AT ALL TIMES.

DO NOT EXPOSE THE RADIO SYSTEM TO WATER OR EXCESSIVE MOISTURE.

PLEASE WATER PROOF THE RECEIVER AND SERVOS BY PLACING THEM IN PLASTIC BAGS OR A WATER TIGHT RADIO BOX WHEN OPERATING R/C BOAT MODELS.

IF YOU HAVE LITTLE OR NO EXPERIENCE OPERATING R/C MODELS< WE STRONGLY RECOMMEND YOU SEEK THE ASSISTANCE OF EXPERIENCED MODELERS OR YOUR LOCAL HOBBY SHOP FOR GUIDANCE.



1185 Stanford Court, Anaheim, CA. 92805  
Tel:(714) 978-1895 Fax:(714) 978-1540  
www.Airtronics.net



# BLAZER Sport

## 2 Channel Systems Manual



We appreciate your purchase of this new AIRTRONICS Blazer Sport Radio Control System. These instructions are intended to familiarize you with the many unique features of this modern, state of the art equipment.

Please read them carefully so you may obtain maximum success and enjoyment from its operation.

Please note that the Blazer Sport is designed for comfort and precise control of all types of model cars and boats. We wish you the best of success with your radio system. Enjoy!

## SYSTEM FEATURES

Unique and functional pistol grip-transmitter design  
Well balanced for precise control  
Well placed trim and rate functions  
High power output  
Color LED power indicators for easy reference of battery condition  
Retractable transmitter antenna

Servo reversing for easy installation (70/30) Throttle trigger  
Quick access transmitter crystal.  
Lightweight, high performance mini receiver  
Receiver includes BEC (Battery Eliminator Circuit) which allows the use of a common power supply for the model and receiver  
High torque and high speed 94102Z servo  
Receiver dry battery holder  
NiCd Charger Jack in transmitter

## SYSTEM SPECIFICATIONS

### (A) Transmitter

Model: Blazer Sport  
Output power: 500 MW  
Modulation: AM/PPM  
Power supply: 8 AA alkaline dry cells DC 12V  
Weight: 14.46 ounces  
Frequencies: 27 Mhz- 6 frequencies  
75 MHz-30 frequencies

### (B) Receiver (Mini BEC type)

Model: 92721Z (27 Mhz) or 92723Z (75 MHz)  
Modulation: AM/PPM  
Intermediate frequency: 455 KHz  
Power supply: DC 6.0-8.4 V  
Weight: 1.13 ounces  
Dimensions: 1.9"(L) x 1.3"(W) x .75"(H)

### (C) Servo

Model: 94102Z Heavy duty standard servo  
Power supply: 6.0 V through BEC receiver  
Dimensions: 1.54"(L) x .79"(W) x 1.42"(H)  
Weight: 1.59 ounces  
Speed: 0.18 sec. at 6.0V for 60 deg rotation  
Torque: 50 oz./inches:  
Operating Voltage 4.8-6.0

### (D) Accessories

97004 BEC switch harness  
Frequency flag  
Receiver dry battery holder  
Instruction Manual

### (E) Options

96315 Contender speed controller with reverse  
96720 Grip Pad  
99104 Deluxe wrist strap  
96305Z BL-Racer Speed Controller with reverse  
96316Z F-2000 Speed Controller with reverse  
96301Z ES-01 Micro Speed Controller with reverse

## TRANSMITTER FUNCTIONS AND OPERATIONS

### Antenna

Pull antenna up until it is fully extended before operating the system. Failure to do so can cause loss of control

### Transmitter crystal

The transmitter crystal can be removed to change frequencies. Use only genuine AIRTRONICS crystals to insure proper operation.

### Power switch

The power switch slides up to turn on the transmitter. When operating your model always turn on the transmitter before the receiver. This will prevent the model from accidentally running away.

### NiCd Charger Jack

Only to be used when NiCd batteries are installed.

### Wrist Band Hook

Attachment point for the optional 99104 Deluxe Wrist Strap.

### Battery Cover

Slide battery cover open as indicated on battery cover. Install batteries as indicated on battery tray.

### Steering Dual Rate

Steering dual rate is used to change steering Sensitivity

(Note) Dual Rate option not on some models

### Steering Trim

Is used to adjust the neutral point for steering operation.

### Reverse Switches

In most models, you can leave these switches in the nor or normal position. When the direction of the steering or throttle movement is opposite from the direction of steering wheel or trigger movement. move the switch to the rev or reverse position. This will reverse the direction of the servo movement and allow you to operate the model in the normal fashion.

### Steering Wheel

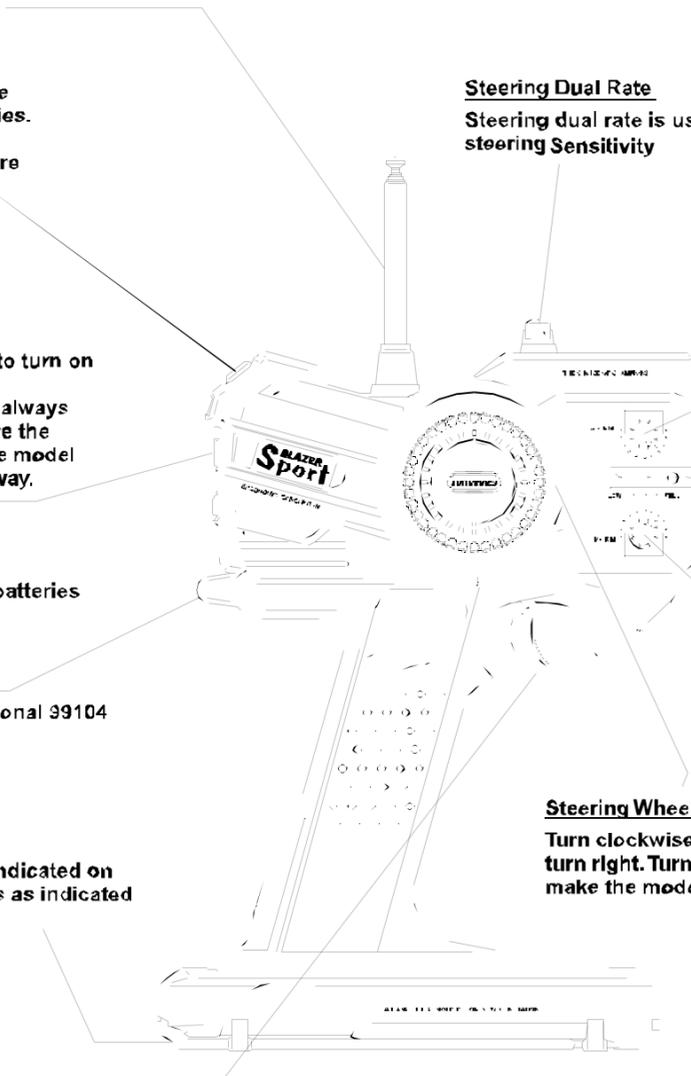
Turn clockwise to make the model turn right. Turn counter clockwise to make the model turn left.

### Throttle Trim

Is used to adjust the neutral point for throttle / brake operation.

### Throttle Trigger

Pull back for forward throttle. Push forward for reverse throttle/brake.



### LED Power Indicators

These color indicators will give you a visual reference for the condition of the transmitter batteries.

Full	Green Green Red	All three indicators (2 green and 1 red) will be lit when the power is on and the batteries are in their best condition.
Mid	Green Red	Two indicators (1 green and 1 red) will be lit when the power is on and the batteries are losing capacity. Use caution when operating your model, and replace the batteries as soon as possible.
Low	Red	One indicator (red) will be lit when the power is on and the batteries are dead or too weak to power the transmitter. DO NOT attempt to operate your model, and replace the batteries immediately. If the batteries are improperly installed, the LED indicators will not be lit. Check your battery installation and/or individual batteries. DO NOT mix old and new batteries