

# AURORA 9 COMPARISON CHART



**Aurora9 AFHSS**



**10C FASST®**



**X9303 DSM2®**

**\$429.99 (TX/7ch Rx Only)\$459.99(Tx/9CH Rx Only)**

**\$599.99 TX & RX Only**

**\$629.99 TX & RX Only**

## Features

<b>Flight Models</b>	ACRO/GLID/HELI	ACRO/GLID/HELI	ACRO/HELI/GLID
<b>Control Channels</b>	9	10	9
<b>Model Memory</b>	30	15 (Expandable w/campack)	30
<b>Modulation</b>	AFHSS/PPM/QPCM	FASST/PPM/PCM	DSM2
<b>LCD Type</b>	132mm x 39mm Touch LCD with Backlight	Backlit	113.5mm x 32.5mm LCD
<b>LCD Resolution</b>	320 x 80 Pixels	160 x 72 Pixels	240 x 64 Pixels
<b>Gimbal</b>	Quad Ball bearing	Metal Bushing	Metal Bushing
<b>Trim</b>	Digital	Digital	3 Digital 1 Analog
<b>Battery</b>	7.2v 6Cell/ 2S LiPo	9.6v 8cell	9.6v 8cell
<b>Trainer Jack</b>	Earphone Jack	Cube Type(Futaba Made)	Earphone Jack
<b>Frequency Shift</b>	Negative/Positive	Negative Only	DSM2
<b>2 Position Switch</b>	6(Selectable)	6(Selectable)	7(Selectable)
<b>3 Position Switch</b>	2(Selectable)	2(Selectable)	1(Selectable)
<b>Knob(Adjustable In Flight)</b>	2 Side Lever & 3 Digital Trim	2 Side Lever & 3 Knob	2 Side Lever & 2 Digital Trim
<b>Stick Mode Change(Software)</b>	Mode 1,2,3,4 and 2 Programmable	Mode 1,2 and 2 Programmable	Mode 1,2,3,4
<b>Stick Mode Change(Hardware)</b>	Remove to plug (easy)	Remove to rear case(hard)	Remove to rear case(hard)
<b>Stick Lever Tension Adjustment</b>	Remove to plug (easy)	Remove to rear case(hard)	Remove to rear case (hard)
<b>Model Name</b>	20 Character	10 Character	8 Character
<b>User Name</b>	No	10 Character	No
<b>Flight Condition</b>	8	5	3
<b>Programmable Mix</b>	8(3 x 7-point mix)	8(4 x 5-point mix)	6(2 x 7-point mix)
<b>Custom Menu (My Favorite)</b>	Yes	No	No
<b>Output Channels Assignable</b>	Yes (all channels)	No	No
<b>Channel Controls Assignable</b>	Yes(all channels)	Yes(Aux channels)	No
<b>Timer</b>	Yes(Dual w/throttle activation)	Yes(Dual w/throttle activation)	Yes(Single)
<b>Trainer</b>	Yes	Yes	Yes
<b>Adjustable trim steps</b>	1~200 steps	1~40 steps	1~100 steps
<b>Warning (Throttle Stick High)</b>	Yes	Yes	No
<b>Warning (Flight Condition on)</b>	Yes	Yes	Yes
<b>Frequency Scan(with PLL Receivers)</b>	Yes	No	N/A
<b>PC Interface</b>	Yes	No	No
<b>Telemetry</b>	Yes	No	Data Logging
<b>Include Receiver/ Replacement cost</b>	<b>Optima 7 (\$69.99), Optima 9 (\$99.99)</b>	<b>R6014FS Receiver (\$199.99)</b>	<b>R921 9 Channel DSM2 Receiver (\$189.99)</b>

## Standard Functions

<b>Dual Rate</b>	Yes (Max.24 Rates)	Yes (Max.10 Rates)	Yes (Max.3 Rates)
<b>Exponential</b>	Yes (Max.24 Rates)	Yes (Max.10 Rates)	Yes (Max.3 Rates)
<b>Servo Reverse</b>	Yes	Yes	Yes
<b>Sub Trim</b>	Yes	Yes	Yes
<b>End Point Adjust</b>	Yes	Yes	Yes
<b>Servo Monitor</b>	Yes	Yes	Yes
<b>Fail Safe</b>	Yes	Yes	Yes
<b>Servo Speed</b>	Yes	No	Yes
<b>Telemetry</b>	Yes	No	Data Logging

## Aircraft Functions

<b>Wing Type</b>	9	2	3(Dual AIL, FLAP Programmable)
<b>Tail Type</b>	5	3	2(Dual ELE,RUD Programmable)
<b>Dual Engine</b>	Yes	No	Yes
<b>Throttle Cut</b>	Yes(Adjustable)	Yes(Adjustable)	Yes
<b>Throttle Curve</b>	Yes(7-point) Max.24 Rates	Yes(5-point)	Yes(7-point) Max.3 Rates
<b>Throttle Delay</b>	No	Yes	No
<b>Idle Down</b>	Yes(Adjustable)	Yes(Adjustable)	No

**Aircraft Functions Continued...**

Fuel Mixture	Yes	No	No
Throttle to Needle mix	No	Yes	No
Aileron to Rudder Mix	Yes	No	Yes
Elevator to Camber Mix	Yes(Max.8 Rates , Adjustable)	Yes(Max.5 Rates)	Yes
Rudder to Aileron Mix	Yes	No	No
Aileron to Flap Mix	Yes	No	No
Aileron Differential	Yes (Max.24 Rates)	Yes(Max.5 Rates)	Yes
Flap Control	Yes(Flap or Flaperon)	Yes(Flaperon)	Yes
Flap Trim	Yes	Yes	Yes
Gyro	Yes(3 x Gyro) Max.24 Rates	Yes(2 x Gyro) Max.3 Rates	Yes(2 x Gyro) Max.3 Rates
Airbrake	Yes	Yes	No
Airbrake->Elevator Mix	Yes	No	No
Camber Mix	Yes	No	Yes
Snap Roll	Yes(4 Direction)	Yes(4 Direction)	Yes(3 Direction)
Ailvator Mix	Yes (Max.8 Rates)	Yes	No
Elevon Mix	Yes (Max.8 Rates)	Yes (Max.5 Rates)	Yes
V-Tail Mix	Yes (Max.8 Rates)	Yes	Yes

**Glider Functions**

Wing Type	9	3	2
Tail Type	5	2	2
Motor Control	Yes(Speed/delay)	Yes	Yes
Airbrake	Yes (Max.8 Rates, Start Delay)	No	No
Spoiler Mix	Yes(Airbrake)	Yes	No
Aileron->Rudder Mix	Yes (Max.8 Rates)	Yes(Max.5 Rates)	Yes (Max.3 Rates)
Rudder->Aileron Mix	Yes (Max.8 Rates)	No	No
Aileron to Flap Mix	Yes (Max.8 Rates)	Yes(Max.5 Rates)	Yes
Elevator->Camber Mix	Yes(Max.8 Rates , Adjustable)	Yes(Max.5 Rates)	Yes
Aileron->Flap Mix	Yes (Max.8 Rates)	Yes(Max.5 Rates)	Yes
Launch	Yes(Auto Release)	Yes(Manual)	Yes(Auto Release)
Flap Control	Yes	Yes	Yes
Gyro	Yes(3 x Gyro) Max.24 Rates	No	No
Butterfly Mix (Crow Mix)	Yes (Max.8 Rates, Start Delay)	Yes	Yes
Airbrake->Elevator Mix	Yes	No	No
Camber Mix	Yes (Max.8 Rates, Start Delay)	Yes(Max.5 Rates)	Yes (Max.3 Rates)
Offset	Yes(Camber Mix Adjust Function)	Yes(Max.5 Rates)	No
Start Delay	Yes	Yes	Yes
Aileron Differential	Yes (Max.24 Rates)	Yes(Max.5 Rates)	Yes (Max.3 Rates)
Ailvator Mix	Yes (Max.8 Rates)	No	No
Elevon Mix	Yes (Max.8 Rates)	Yes (Max.5 Rates)	No
V-Tail Mix	Yes (Max.8 Rates)	Yes	Yes

**Helicopter Functions**

Swash Type	6	7	6
Throttle Cut	Yes(Adjustable)	Yes(Adjustable)	Yes
Swash Mix	Yes	Yes	Yes
Swash Calibration	Yes	No	No
Swash to Throttle Mix	Yes (Max.24 Rates)	Yes(Max.4 Rates)	Yes
Offset	Yes(Flight Condition)	Yes	Yes
Delay	Yes(Flight Condition)	Yes	No
Rudder to Throttle Mix	Yes (Max.24 Rates)	Yes(Max.4 Rates)	Yes
Revolution Mix	Yes (3 Point) Max.24 Rates	Yes(5 Point) Max.4 Rates	Yes (Max.4 Rates)
Pitch Curve	Yes(7 Point) Max.24 Rates	Yes(7 Point) Max.4 Rates	Yes(7 Point) Max.5 Rates
Throttle Curve	Yes(7 Point) Max.24 Rates	Yes(7 Point) Max.4 Rates	Yes(7 Point) Max.5 Rates
Fuel Mixture	Yes (Max.24 Rates)	No	No
Needle Control	Yes (Max.24 Rates)	No	No
Gyro	Yes(Dual)	Yes(Dual)	Yes
Throttle Hold	Yes(Adjustable)	Yes(Adjustable)	Yes
Governor	Yes	Yes	Yes
Hovering Throttle(Adjustable In Flight)	Yes	Yes	Yes
Hovering Pitch(Adjustable In Flight)	Yes	Yes	Yes
Hovering Stick Position(Adjustable In Flight)	Yes (Throttle + Pitch)	No	No
High/Low Pitch	Yes	Yes	No