

# RaceWare™ Firmware Update Version 1.2: Active Vehicle Control™ (AVC™)

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# DX4S

4-Channel 2.4GHz DSMR™ System



## ACTIVE VEHICLE CONTROL (AVC)

### Options:

- ST Gain
- TH Gain
- Priority

1. Select **AVC** from the **LIST** menu.

2. Change the State field to **ACT**.

### 3. Adjust the ST Gain and/or TH Gain Sensitivity

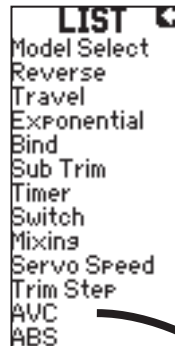
The default value is 0% (ST Gain and TH Gain OFF). As the value increases, the **AVC** steering stability and throttle management increases.

Adjust the ST Gain until you reach the ideal amount of steering control. If the front wheels begin to shake, the ST Gain value is too high. Reduce the ST Gain value until the front wheels stop shaking. You can assign ST Gain and TH Gain to the same switch, enabling you to adjust both values at the same time.

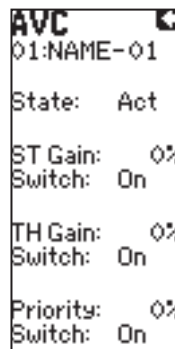
4. **Switch:** Assigning ST Gain and TH Gain to a switch enables you to adjust the sensitivity without using the **AVC** menu. ST GAIN and TH GAIN can be assigned to the same switch to adjust both simultaneously.

### 5. Adjust the Steering Priority

The Priority default value is 0%, meaning **AVC** is active when the steering is close to center. As you turn the steering wheel away from center (neutral), the transmitter controls have priority over the **AVC** system. Increasing the Priority value decreases how active **AVC** is as the steering wheel is turned left and right. For example, if you increase Priority to 80%, you reduce the **AVC** steering control by 80% at full left or full right steering. Increasing the Steering Priority enables you to make tighter turns.



List Menu



AVC Screen

ST Gain when active drives the Aux 1

TH Gain when active drives the Aux 2

Priority adjusts ST Gain based on the steering input.

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