

# 12X Manual Addendum

Your new 12X contains a new momentary trim feature and an improved Balance function for aircraft.

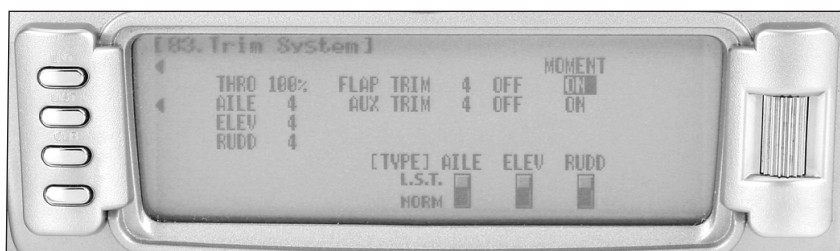
## Trim System Code 83

The left and right trimmers above the gimbals can now be set to function as a momentary switch by first setting the Trimmer OFF and then selecting ON under Moment for either or both trimmers. Moment in the Trim function is used to make the trimmers work as a momentary on-off switch. If Moment is turned ON, pressing the trimmer and holding will move the assigned function and when released, will return it to the original position. These trimmers can be assigned to the Aux channels in the Device Select function.

### To Program the Trimmers for Momentary Operation

1. Rotate the roller to select ON next to the trimmer desired
2. Press the roller to change the trimmer to OFF
3. Rotate the roller to select OFF under Moment next to the trimmer desired
4. Press the roller to select ON
5. Proceed to the Device Select function to set the trimmer to the channel desired
6. Use Travel Adjust to set the travel for the channel

Trim System as shown for Aircraft,  
Heli and Sailplane screens are similar



## Balance Code 33

With 4-Aileron servo selected in Wing Type code 22, the Balance function now allows adjustment of one aileron servo on each side allowing each wing panel to be adjusted independently through the Balance function.

### To Program the Balance Function

1. Highlight and select Balance in the FUNC.LIST to obtain the Balance display.
2. Note that the Balance screen will display the functions that are programmed in the Wing Type. If Flaperon only is programmed in Device Select, then only one aileron column will appear in the balance screen. If 4-Ailerons are programmed, then two columns will appear in the Balance Screen. This also applies to the Dual Elevator, Flap and Rudder functions.
3. Using the roller, highlight the desired position and press the roller to access the value. Rotate the roller to change the output position that is selected. The range is +100 to -100. Repeat this for all positions until no binding occurs throughout Control Travel. Point P-N adjusts that channel's neutral point, points P-1 and P-2 adjust that channel's 50% travel adjust point, points P-R, P-L, P-U, and P-D adjust that channel's 100% travel adjust point, and points P<R, P>L, P<U, and P>D adjust that channel's 150% travel adjust point.

### Servo Travel Positions

