

# XXcontroller Version History

## XX1.5 - KK+ board piezo gyro only

### **XX1.5i**

add the auto disarm and function as lost model alarm feature  
simplified LVA Menu (refer to the menu pdf)  
fixed LVA calibration bug (could get 'stuck')  
added V-TAIL option

### **XX1.5h**

Increased TxYaw Rate  
LED now flashes fast when performing Sensor Calibration  
Changes to Gyro Gain will not now affect TxRate (Stick authority)

### **XX1.5g**

New program model used (faster loop rate)  
Removed LCD Timing Adjust

### **XX1.5f**

fixed I-limit function problem (increased max YAW\_DELAY & I\_DELAY)  
Basic Gyro gain now in 0.5% increments  
Tamed TxRate

### **XX1.5e**

fixed StickArmPoint range  
reduced TRicopter Yaw Tail-boost  
Trim-Adjust code improved  
Power-on delay added (minimise eeProm erase)  
added H6 type  
Reset Baud for Sparkfun LCD (later removed as it could cause more problems)  
added TRicopter YAW\_SERVO\_LIMIT  
added iLimit for Roll/Pitch axes  
removed TxStick Limits (TxCollMax remains)  
LVA Signal Device option: Buzzer or LED  
LVA is now intermittent ~1Hz

### **XX1.5d**

initial public release

## XX1.6 - KK+ board with mems add-on board

### **XX1.6j**

fixed stable-mode bug  
adjusted Yaw for H6 config  
fixed CAM\_servo Trim-Adjust applied to wrong servo

### **XX1.6i**

fixed orientation bug  
TRicopter now uses M5 for Gyro Reversed Servo output  
Increased CAM\_servo rates and range

### **XX1.6h**

improved loop rate

### **XX1.6g**

initial public release but immediately superseded by XX1.6h  
based on XX1.5i