

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initial public release but immediately superseded by XX1.6h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