

Turnigy 9x + HiSKY HT8 rf module + FBL100 Helicopter

- Tx is Mode 2, using a Sky9X motherboard, but should be the same programming on the stock motherboard. The specific firmware I am on at this writing is ersky9x-r129 but you should get the gist and be same setup on stock motherboard for er9x.
- This is a simple setup that will get the heli flying, not 3D. For 3D you would merely just adjust the curves to your individual preference.
- I have **ONLY** listed the important setting screens, in my screen order on ersky9x, er9x will be numbered slightly different I think but the important screens should look the same.
- As a precaution, disengage the heli main gear for the first testing, you can then see if the swash indeed moves correctly and motor doesn't catch you unawares at full speed.
- For binding, you just switch tx on, then heli on and it binds, nothing special. Please see the very bottom for the precise setup I have that may be of interest to some :-)

Screen 2/13 SETUP 12

I have Proto PPM at 6CH 300uSec

Screen 3/13 HELI SETUP

Swash Type	120
Collective	CH11
Swash Ring	0
ELE Direction	INV
AIL Direction	INV
COL Direction	---

Screen 4/13 EXPO/DR

	exp	%	sw1	sw2	
RUD	40	55	RUD	---	H
THR	0	100	----	---	H
ELE	40	55	ELE	---	H
AIL	40	55	AIL	---	H

Screen 5/13 MIXER

CH1	75%	CYC2	
CH2	75%	CYC1	
CH3	100%	THR	ID0c1
+	100%	THR	ID1c2
+	100%	THR	ID2c3
R	-100%	HALF	THR
CH4	100%	RUD	
CH5	30%	HALF	!GEA
+	-30%	HALF	GEA
CH6	75%	CYC3	
CH7			
CH8			
CH9			
CH10			
CH11	100%	THR	ID0c4
+	100%	THR	ID1c5
+	100%	THR	ID2c6

Screen 6/13 LIMITS

CH1	0.0	-65	<-	65	---
CH2	0.0	-65	<-	65	---
CH3	0.0	-100	<-	100	INV
CH4	0.0	-70	->	70	INV
CH5	0.0	-100	<-	100	---
CH6	0.0	-65	<-	65	---

Screen 7/13 CURVES

CV1	-100	-20	30	70	90
CV2	80	70	60	70	100
CV3	100	90	80	90	100
CV4	-30	-15	0	50	100
CV5	-100	-50	0	50	100
CV6	-100	-50	0	50	100

Screen 12/13 TEMPLATES

Channel Order AETR

I am using FrSKY internal dual telemetry/non telemetry DIY rf module in the tx to this setup for rx. Yes those are NiCd and yes only 4.8v fully charged, yes it works perfectly like this. I just plonk this near my feet and then fly as normal with nothing actually plugged in the tx - this suits me but may not suit all - just in case you don't get it - there is PPM out on CH1 on this rx I am using with common battery power to the HiSKY HT8 module.



ALL the information provided in this document is just as a reference, if you decide to use any info this is used at your own risk, this document is purely a reference of my initial working setup nothing more. The FrSKY setup I am using is my own choice and again purely as reference.