

VK4GHZ Nextion for K3NG Rotator Controller

Nextion EEPROM Table (some registers not used with 3.5" version)

#	Nextion EEPROM Reg	Nextion Object	Purpose	Values	Default	Comment
1	0	vGUI	Default page	0/1	0	0=Numerals, 1=Sml Gauges, 2=Big Gauges
	1					
	2					
	3					
2	4	nSS	Screen Saver	0-999	0	Screen Saver (mins)
	5					
	6					
	7					
3	8	p1Az	P1 Azimuth			Preset 1 Az string
	9					
	10					
	11					
4	32	p1El	P1 Elevation			Preset 1 El string - not implemented
	33					
	34					
	35					
5	56	p2Az	P2 Azimuth			Preset 2 Az string
	57					
	58					
	59					
6	80	p2El	P2 Elevation			Preset 2 El string - not implemented
	81					
	82					
	83					
7	104	p3Az	P3 Azimuth			Preset 3 Az string
	105					
	106					
	107					
8	128	p3El	P3 Elevation			Preset 3 El string - not implemented
	129					
	130					
	131					
9	156	p1Tag	P1 Tag			Preset 1 Tag
	157					
	158					
	159					
10	184	p2Tag	P2 Tag			Preset 2 Tag
	185					
	186					
	187					
11	212	p3Tag	P3 Tag			Preset 3 Tag
	213					
	214					
	215					
12	240		Azimuth Large Colour PCO	0-65535	0	565 Colour Format
	241					
	242					
	243					
13	244		Azimuth Large BG Colour BCO	0-65535	65535	565 Colour Format
	245					
	246					
	247					
14	248		Azimuth Large Font	9 / 12	9	
	249					
	250					
	251					

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#	Nextion EEPROM Reg	Nextion Object	Purpose	Values	Default	Comment
15	252		Azimuth Small Colour PCO	0-65535	0	565 Colour Format
	253					
	254					
	255					
16	256		Azimuth Small BG Colour BCO	0-65535	65535	565 Colour Format
	257					
	258					
	259					
17	260		Azimuth Small Font	9 / 12	9	
	261					
	262					
	263					
18	264		Elevation Colour PCO	0-65535	65535	565 Colour Format
	265					
	266					
	267					
19	268		Elevation BG Colour BCO	0-65535	1055	565 Colour Format
	269					
	270					
	271					
20	272		Elevation Font	9 / 12	9	
	273					
	274					
	275					
21	276		Navigation Colour PCO	0-65535	65535	565 Colour Format
	277					
	278					
	279					
22	280		Navigation BG Colour BCO	0-65535	1055	565 Colour Format
	281					
	282					
	283					
23	284		Navigation Font	5 / 15	5	
	285					
	286					
	287					
24	288		Status Colour PCO	0-65535	65535	565 Colour Format
	289					
	290					
	291					
25	292		Status BG Colour BCO	0-65535	57571	565 Colour Format
	293					
	294					
	295					
26	296		Status Font	5	5	
	297					
	298					
	299					
27	300		Screen Saver Dim To	0-50	5	Dim To %
	301					
	302					
	303					
28	304	gBSUDF	Show UDF page flag	0 / 1		0=Hide 1=Show User Def Funct page
	305					
	306					
	307					

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#	Nextion EEPROM Reg	Nextion Object	Purpose	Values	Default	Comment
29	308			x	50	EEPROM Virgin Check
	309					
	310					
	311					
30	312	gBSRotCal	Show Rotor Cal page flag	0 / 1		Show/hide Config2 page
	313					
	314					
	315					
31	316	rElGaugeRev		0 / 1		Reverse Elevation Gauge
	317					
	318					
	319					
32	320	nUpdateRate	Update Rate	1 - 10		Screen Update Rate for timers
	321					
	322					
	323					
33	324	gBSDiag	Show Diagnostics flag	0 / 1		Show/hide Diagnostics
	325					
	326					
	327					
34	328	p4Az	P4 Azimuth			Preset 4 Az string
	329					
	330					
	331					
35	352	p4El	P4 Elevation			Preset 4 El string - not implemented
	353					
	354					
	355					
36	380	p4Tag	P4 Tag			Preset 4 Tag
	381					
	382					
	383					
37	408	u1Tag.txt	UDF1 Tag			UDF 1 Tag
	409					
	410					
	411					
38	436	u2Tag.txt	UDF2 Tag			UDF 2 Tag
	437					
	438					
	439					
39	464	u3Tag.txt	UDF3 Tag			UDF 3 Tag
	465					
	466					
	467					
40	492	u4Tag.txt	UDF4 Tag			UDF 4 Tag
	493					
	494					
	495					
41	496		Preset Tag PCO	0-65535	65535	565 Colour Format
	497					
	498					
	499					
42	500		Preset Tag BG Colour BCO	0-65535	57571	565 Colour Format
	501					
	502					
	503					

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#	Nextion EEPROM Reg	Nextion Object	Purpose	Values	Default	Comment
43	504		Preset Tag Font	4 / 14	4	
	505					
	506					
	507					
44	508		Elevation Pointer PCO		BLACK	Elevation Gauge Pointer Colour
	509					
	510					
	511					
45	512		Azimuth Pointer PCO		BLACK	Azimuth Gauge Pointer Colour
	513					
	514					
	515					
46	516	gBSTrackSet	Show Tracking Settings flag	0 / 1		Show/hide Tracking Settings Page
	517					
	518					
	519					
47	520	gBSKeepValue	Keep Value on Entry	0 / 1		Keeps or clears value going to Keypad
	521					
	522					
	523					