

## VK4GHZ Nextion for K3NG Rotator Controller

### Nextion EEPROM Table (some registers not used with all versions)

Nextion EEPROM Reg	Nextion EEPROM Reg Name	Nextion Object	Purpose	Values	Default	Comment
0	addDefPag	gGUI	Default page	0/1	0	0=Numerals, 1=Sml Gauges, 2=Big Gauges
4	addScrSav	nSS	Screen Saver	0-999	0	Screen Saver Timeout (mins)
8	addSDimTo	nDim	Screen Saver Dim To	0-50	5	Dim To this %
12	addKeepVa	gBSKeepValue	Keep Value on Keypad/Keyboard	0 / 1	0	0=Clears value 1=Keep value
16	addAAPwUp	gBSAAPU	Audible Alert on at Pwr Up	0 / 1	1	1=Forces AA on with each power up
20	addAAOffT	gBSAATR	Audible Alert OFF with Tracking	0 / 1	1	1=Turns AA off during tracking
24	addRevElG	rElGaugeRev	Reverse Elevation Gauge	0 / 1	0	0=Normal 1=Reverse
28	addUpdRat	nUpdateRate	Screen Update Rate for timers	1 - 15	5	x100 ie: 100 - 1500mS
32	addVirChk	x	EEPROM Virgin Check	x	50	Checks for this arbitrary value
36	Spare1					
40	addShoRot	gBSRotCal	Show Rotor Cal page flag	0 / 1	1	0=Hide 1=Show
44	addShoTra	gBSTrackSet	Show Tracking Settings page flag	0 / 1	1	0=Hide 1=Show
48	addShoDia	gBSDiag	Show Diagnostics page flag	0 / 1	0	0=Hide 1=Show
52	addShoUDF	gBSUDF	Show UDF page flag	0 / 1	1	0=Hide 1=Show
56	Spare2					
60	Spare3					
64	Spare4					
68	Spare5					
72	Spare6					
76	Spare7					
80	addPre1Az	p?Az	Preset 1 Azimuth value	0 - 360	0	12 bytes required
84						
88						

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<b>92</b>	addPre2Az	p?Az	Preset 2 Azimuth value	0 - 360	0	12 bytes required
96						
100						
<b>104</b>	addPre3Az	p?Az	Preset 3 Azimuth value	0 - 360	0	12 bytes required
108						
112						
<b>116</b>	addPre4Az	p?Az	Preset 4 Azimuth value	0 - 360	0	12 bytes required
120						
124						
<b>128</b>	addPre5Az	p?Az	Preset 5 Azimuth value	0 - 360	0	12 bytes required
132						
136						
<b>140</b>	addPre6Az	p?Az	Preset 6 Azimuth value	0 - 360	0	12 bytes required
144						
148						
<b>152</b>	addPre7Az	p?Az	Preset 7 Azimuth value	0 - 360	0	12 bytes required
156						
160						
<b>164</b>	addPre8Az	p?Az	Preset 8 Azimuth value	0 - 360	0	12 bytes required
168						
172						
<b>176</b>	addPre1El		Preset 1 Elevation value	0 - 180	0	12 bytes required
180						
184						
<b>188</b>						

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192	addPre2EI		Preset 2 Elevation value	0 - 180	0	12 bytes required
196						
<b>200</b>	addPre3EI		Preset 3 Elevation value	0 - 180	0	12 bytes required
204						
208						
<b>212</b>	addPre4EI		Preset 4 Elevation value	0 - 180	0	12 bytes required
216						
220						
<b>224</b>	addPre5EI		Preset 5 Elevation value	0 - 180	0	12 bytes required
228						
232						
<b>236</b>	addPre6EI		Preset 6 Elevation value	0 - 180	0	12 bytes required
240						
244						
<b>248</b>	addPre7EI		Preset 7 Elevation value	0 - 180	0	12 bytes required
252						
256						
<b>260</b>	addPre8EI		Preset 8 Elevation value	0 - 180	0	12 bytes required
264						
268						
<b>272</b>	addPre1Ta	p?Tag	Preset 1 Name Tag	A-Z,0-9,-	-	12 bytes required
276						
280						
<b>284</b>	addPre2Ta	p?Tag	Preset 2 Name Tag	A-Z,0-9,-	-	12 bytes required
288						

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292						
<b>296</b>	addPre3Ta	p?Tag	Preset 3 Name Tag	A-Z,0-9,-	-	12 bytes required
300						
304						
<b>308</b>	addPre4Ta	p?Tag	Preset 4 Name Tag	A-Z,0-9,-	-	12 bytes required
312						
316						
<b>320</b>	addPre5Ta	p?Tag	Preset 5 Name Tag	A-Z,0-9,-	-	12 bytes required
324						
328						
<b>332</b>	addPre6Ta	p?Tag	Preset 6 Name Tag	A-Z,0-9,-	-	12 bytes required
336						
340						
<b>344</b>	addPre7Ta	p?Tag	Preset 7 Name Tag	A-Z,0-9,-	-	12 bytes required
348						
352						
<b>356</b>	addPre8Ta	p?Tag	Preset 8 Name Tag	A-Z,0-9,-	-	12 bytes required
360						
364						
<b>368</b>	addAzLPCO	various	Az Large PCO	0-65535	BLACK	565 Colour Format
372	addAzLBCO	various	Az Large BCO	0-65535	WHITE	565 Colour Format
376	addAzLFon		Az Large Font		9	
380	addAzSPCO	various	Az Small PCO	0-65535	BLACK	565 Colour Format
384	addAzSBCO	various	Az Small BCO	0-65535	WHITE	565 Colour Format
388	addAzSFon		Az Small Font	9 / 12	9	

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### Nextion EEPROM Table (some registers not used with all versions)

392	addEISPCO	various	Elevation Small PCO	0-65535	BLACK	565 Colour Format
396	addEISBCO	various	Elevation Small BCO	0-65535	WHITE	565 Colour Format
400	addEISFon		Elevation Small Font	9 / 12	9	
404	addNavPCO	various	Navigation PCO	0-65535	WHITE	565 Colour Format
408	addNavBCO	various	Navigation BCO	0-65535	12710	565 Colour Format
412	addNavFon		Navigation Font			3.5" 4 / 14 5.0" 5 / 15
416	addStaPCO	various	Status PCO	0-65535	WHITE	565 Colour Format
420	addStaBCO	various	Status BCO	0-65535	57571	565 Colour Format
424	addStaFon		Status Font	5	5	
428	addPrePCO	various	Preset Name Tag PCO	0-65535	BLACK	565 Colour Format
432	addPreBCO	various	Preset Name Tag BCO	0-65535	63390	565 Colour Format
436	addPreFon		Preset Name Tag Font	4 / 14	4	
440	addAzPPCO	GaugeAz.pco	Azimuth Pointer PCO	0-65535	BLACK	Azimuth Gauge Pointer Colour
444	addEIPPCO	GaugeEl.pco	Elevation Pointer PCO	0-65535	BLACK	Elevation Gauge Pointer Colour
448	addAzWPCO	WFAz.pco0	Azimuth Waveform Plot PCO	0-65535	31	565 Colour Format
452	addAzWBCO	WFAz.bco	Azimuth Waveform Plot BCO	0-65535	WHITE	565 Colour Format
456	addEIWPCO	WFEI.pco0	Elevation Waveform Plot PCO	0-65535	63488	565 Colour Format
460	addEIWBCO	WFEI.bco	Elevation Waveform Plot BCO	0-65535	WHITE	565 Colour Format
<b>464</b>	addUDF1Ta	u?Tag	UDF 1 Name Tag	A-Z,0-9,-	-	12 bytes required
468						
472						
<b>476</b>	addUDF2Ta	u?Tag	UDF 2 Name Tag	A-Z,0-9,-	-	12 bytes required
480						
484						
<b>488</b>						

## VK4GHZ Nextron for K3NG Rotator Controller

### Nextron EEPROM Table (some registers not used with all versions)

492	addUDF3Ta	u?Tag	UDF 3 Name Tag	A-Z,0-9,-	-	12 bytes required
496						
500	addUDF4Ta	u?Tag	UDF 4 Name Tag	A-Z,0-9,-	-	12 bytes required
504						
508						
512	addClkPCO					
516	addClkBCO					
520	addClkFon					
524	addGriPCO					
528	addGriBCO					
532	addGriFon					
536	addCAzPCO					
540	addCAzBCO					
544	addCEIPCO					
548	addCEIBCO					
552	next available					
556						
560						