

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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|----|--------------------------|-------------------|-----------------------------|---------|---------|-----------------------------------|
| 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 | p?Tag.pco | Preset Tag PCO | 0-65535 | 65535 | 565 Colour Format |
| | 497 | | | | | |
| | 498 | | | | | |
| | 499 | | | | | |
| 42 | 500 | p?Tag.bco | 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 | p?Tag.font | Preset Tag Font | 4 / 14 | 4 | |
| | 505 | | | | | |
| | 506 | | | | | |
| | 507 | | | | | |
| 44 | 508 | GaugeEl.pco | Elevation Pointer PCO | 0-65535 | BLACK | Elevation Gauge Pointer Colour |
| | 509 | | | | | |
| | 510 | | | | | |
| | 511 | | | | | |
| 45 | 512 | GaugeAz.pco | Azimuth Pointer PCO | 0-65535 | 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 | | | | | |
| 48 | 524 | gBSAAPU | Audible Alert on @ Pwr Up | 0 / 1 | | Forces AA on with each power up |
| | 525 | | | | | |
| | 526 | | | | | |
| | 527 | | | | | |
| 49 | 528 | gBSAATR | Audible Alert OFF @ Tracking | 0 / 1 | | Turns AA off during tracking |
| | 529 | | | | | |
| | 530 | | | | | |
| | 531 | | | | | |
| 50 | 532 | WFAz.pco0 | Azimuth Waveform Plot PCO | 0-65535 | 31 | 565 Colour Format |
| | 533 | | | | | |
| | 534 | | | | | |
| | 535 | | | | | |
| 51 | 536 | WFAz.bco | Azimuth Waveform Plot BCO | 0-65535 | 65535 | 565 Colour Format |
| | 537 | | | | | |
| | 538 | | | | | |
| | 539 | | | | | |
| 52 | 540 | WFEI.pco0 | Elevation Waveform Plot PCO | 0-65535 | 63488 | 565 Colour Format |
| | 541 | | | | | |
| | 542 | | | | | |
| | 543 | | | | | |
| 53 | 544 | WFEI.bco | Elevation Waveform Plot BCO | 0-65535 | 65535 | 565 Colour Format |
| | 545 | | | | | |
| | 546 | | | | | |
| | 547 | | | | | |