

From <http://www.kvindesland.no/la9iha/rigs/cmd9612.html>

**Command set for the KPC-9612**

**This is the command set for the KPC 9612 as described by the help menu.**

|  |  |  |
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| **COMMAND** | **PARAMTERS** | **DESCRIPTION** |
| **ABAUD** |  | RS232 terminal baud rate |
| **ANALOG** |  | Displays analog inputs |
| **AUTOLF** |  | LF sent to terminal after CR |
| **AX25L2V2** |  | If on, AX25 version 2 protocol used |
| **AXDELAY** |  | Time added to TXDELAY for repeaters (10 msec) |
| **AXHANG** |  | Hang time of repeater to inhibit AXDELAY (10 msec) |
| **BEACON** | [{EVERY | AFTER}] | time (1 min) |
| **BKONDEL** |  | If on, DELETE will backspace; else \ |
| **BLT** | n EVERY|AFTER hh:mm:ss [START hh:mm:ss] |  |
| **BP96** |  | If on, 9600 BT is .3; else BT is .5 |
| **BREAK** |  | If on, a modem break will cause return to command mode |
| **BTEXT** |  | Text sent to BEACON in UI packet |
| **BUDLIST** | [ON|OFF] [NONE | {+|-}call | call,call,...] | where call={callsign | {<|>}callsign | callsign{>|<>}callsign} If on, only these stations are monitored |
| **CONNECT** | callsign [via calls] | can be used to reconnect with different path |
| **CANLINE** |  | Char used to cancel a partial line |
| **CANPAC** |  | Toggle char used to send output from TNC to bit bucket |
| **CALIBRAT** |  | immediate command to enter calibration mode |
| **CD** | {INTERNAL | EXTERNAL | SOFTWARE} | carrier detect |
| **CHECK** |  | No activity time before protocol checks on link (10 sec) |
| **CMDTIME** |  | Timing spec to get out of transparent mode (sec) |
| **CMSG** | {ON | OFF | DISC | PBBS} |  |
| **COMMAND** |  | Char used to return to command mode |
| **CONLIST** | [ON|OFF] [NONE | {+|-}callsign | callsign,callsign,..] | If on, only responds to stations in list |
| **CONMODE** | {CONVERS | TRANS} |  |
| **CONOK** |  | Enables connections to MYCALL |
| **CONPERM** |  | Forces connection on present stream to be permanent |
| **CONVERS** |  | Enter conversational mode |
| **CPACTIME** |  | Enables PACTIME use in conversational mode |
| **CR** |  | SENDPAC char appended to packets formed by SENDPAC |
| **CRSUP** |  | If on, removes every other consecutive CR received |
| **CSTAMP** |  | Time stamp connects and disconnects |
| **CTEXT** |  | Text sent first to someone else connecting to MYCALL |
| **CTRL** | {A|B} {OFF | ON | LONG | n} | controls digital output lines |
| **CWID** | [{EVERY | AFTER}] | time (1 min) |
| **CWIDTEXT** |  | Text sent during CW IDs |
| **DISCONNE** |  | Disconnect current stream |
| **DAYTIME** | yymmddhhmm[ss] |  |
| **DAYTWEAK** |  | Fine tune software 24hr clk |
| **DAYSTR** |  | time format |
| **DAMA** |  | DAMA Slave protocol used when on and connected to DAMA Master |
| **DAMACHCK** |  | No activity time before protocol checks on DAMA link (10 sec) |
| **DBLDISC** |  | Forces a true disconnect sequence after DISC while awaiting connect |
| **DELETE** |  | Char used to delete last char in line |
| **DIGIPEAT** |  | Allows digipeating through MYCALL |
| **DISPLAY** | {ASYNC | CHAR | GPS | ID | LINK | MONITOR | PBBS | PAGE | TIMING} |  |
| **DWAIT** |  | Time to allow digipeaters first access to channel (10 msec) |
| **ECHO** |  | Characters from terminal are echoed back |
| **EQUALIZE** |  | 9600 BAUD EQUALIZATION |
| **ESCAPE** |  | If on, received ESCAPE characters printed as $ |
| **FLOW** |  | TNC will not send data to terminal until input line complete |
| **FILTER** |  | If on, removes most control codes from received packets |
| **FRACK** |  | Time to wait for ack to packets (FRACK\*(2\*d+1) sec) |
| **FULLDUP** | {OFF | LOOPBACK | ON} | Allows transmitting while receiving |
| **GPSHEAD** | n | string |
| **GPSINIT** |  | Initial text sent to terminal in GPS mode |
| **HELP** | command[\*] | prints help message |
| **HBAUD** | {300 | 400 | 600 | 1200 | 4800 | 9600 | 19200} | radio baud rate |
| **HEADERLN** |  | If on, prints a CR between monitored header and data |
| **HID** |  | Auto ID every 9.5 min if TNC is digipeating or PBBS or KA-Node used |
| **HTEXT** |  | Hierarchical address information |
| **ID** |  | Forces an ID packet |
| **INTFACE** | {TERMINAL | NEWUSER | BBS | GPS | HOST | KISS | XKISS | MODEM} |  |
| **K** |  | Same as CONVERS |
| **KNTIMER** |  | KA-Node idle timer |
| **KNXCON** |  | Allows the Xconnect command in KA-Node |
| **LCOK** |  | If on, allows lower case characters to be sent to terminal |
| **LFADD** |  | LF char added to each CR char sent in packet |
| **LFSUP** |  | If on, received LFs are not printed |
| **LLIST** | [ON|OFF] [NONE | {+|-}callsign | callsign,callsign,..] | If on, stations listed are completely ignored |
| **LT** |  | n text WILL SET LTn TEXT |
| **LTP** |  | n path SETS PATH FOR UI TRANSMISSION OF LTn |
| **LTRACK** | n [LT1] [LT2] [LT3] [LT4] [SYSOP] [TIME] |  |
| **MONITOR** |  | Master switch for monitoring packets |
| **MALL** |  | If on, allows monitoring of connected data between other stations |
| **MAXFRAME** |  | Maximum number of unacknowledged I frames outstanding |
| **MAXUSERS** |  | Maximum number of connections allowed |
| **MBEACON** |  | If on, monitors packets addressed to BEACON and ID |
| **MCON** |  | If on, allows monitoring to continue while connected |
| **MCOM** |  | If on, monitors SABM (), DISC, DM, and UA frames |
| **MHEARD** | [LONG|SHORT|CLEAR] | Display list of stations heard |
| **MHEADER** |  | If on, headers are printed for monitored packets |
| **MRESP** |  | If on, monitors RR, RNR, REJ frames |
| **MRPT** |  | If on, digipeater paths are displayed in header |
| **MSTAMP** |  | If on, monitored packets are time stamped |
| **MXMIT** |  | If on, transmitted packets are monitored |
| **MYCALL** |  | This station's callsign {call[-n]} |
| **MYALIAS** |  | Allows digipeating with alias callsign |
| **MYDROP** |  | KISS port address |
| **MYGATE** |  | Allows cross port digipeating with gate callsign |
| **MYNODE** |  | Callsign used for KA-Node |
| **MYPBBS** |  | Callsign used for access to personal mail box |
| **MYPAGE** |  | Callsign allows access to pager |
| **MYREMOTE** |  | Callsign allows access to remote control |
| **NDHEARD** | [LONG|SHORT|CLEAR] | Display list of NODES heard |
| **NDWILD** |  | Allows connection to any ssid of MYNODE |
| **NEWMODE** |  | If on, returns to command mode when DISC received on current stream |
| **NOMODE** |  | If on, does not automatically change modes between CONV, TRANS, or CMD |
| **NTEXT** |  | Text sent to someone connecting to KA-Node |
| **NUMNODES** |  | Number of KA-Node channels |
| **ONERADIO** |  | Both ports used on one radio |
| **PACLEN** |  | Maximum size of data in I frame |
| **PACTIME** | [{EVERY | AFTER}] time (.1 sec) | when to form packets in trans mode |
| **PAGE** | [-A|-N] [-512|-1200|-2400] [<="" abp="424"> | message |
| **PAGECWID** | n|ON|OFF | if on, CWID sent after every page, else after n min |
| **PAGEDIR** | n | {LIST [call|alias|capcode]} | {+|- callsign [alias] [-A|-N] [-512|-1200|-2400] [-P] capcode} |  |
| **PAGELOG** | n | LIST | CLEAR |  |
| **PAGEMON** | ON|OFF|nzza | Enables monitoring of pages and defines type |
| **PAGEPRIV** |  | Restricts PAGE SERVER to password access |
| **PAGEPSWD** |  | Text string used for paging authorization |
| **PAGETEXT** |  | Initial message sent to someone connecting to MYPAGE |
| **PAGEXINV** |  | Inverts polarity of transmitted pages |
| **PASS** |  | Char used to pass special characters as data |
| **PASSALL** |  | Allows packets with incorrect CRCs to be processed |
| **PBBS** |  | Amount of memory (1K increments) set aside for PBBS messages |
| **PBFORWRD** | [bbscall [vias]] [PORT{1|2}] [{EVERY|AFTER} n] | starts auto forwarding |
| **PBHEADER** |  | Saves routing information in messages |
| **PBHOLD** |  | Incoming messages to PBBS are marked HOLD |
| **PBKILLFW** |  | Kill Personal and Traffic msgs after forwarding |
| **PBLIST** | [ON|OFF] [NONE | {+|-}callsign | callsign,callsign,..] | If on, PBBS considers list as family |
| **PBLO** | [{OLD | NEW}] [{FIXED | VARIABLE}] | PBBS listing order |
| **PBPERSON** |  | Restricts PBBS messages addressed to MYCALL and MYPBBS |
| **PBREVERS** |  | Accepts messages after AutoForwarding |
| **PERSIST** |  | Probability of transmitting during slot time (0-255) |
| **PHEARD** | [CLEAR] | Display list of PBBS users |
| **PID** |  | If on, allows monitoring of all packets regardless of PID |
| **PMODE** | CMD | CONVERS | TRANS | TNC powers up in this mode |
| **PORT** | {1|2} | Port assigned on power up |
| **PTEXT** |  | Initial text sent when someone connects to PBBS |
| **RESET** |  | Soft reset |
| **REDISPLA** |  | Char used to redisplay partial line |
| **RELINK** |  | Version 2 will try to reconnect after retrying out |
| **RESTORE** |  | DEFAULTS |
| **RETRY** |  | Number of retries before aborting |
| **RING** |  | 3 bells sent to terminal upon incoming connect |
| **RNRTIME** |  | TNC will disconnect after receiving RNRs for specified time (x10 sec) |
| **RPRINT** |  | Sends text to RS232 port |
| **RTEXT** |  | Text string used for remote authorization |
| **STATUS** | [LONG] | Show status of streams |
| **SCREENL** |  | CR printed if none received after n characters |
| **SENDPAC** |  | Char used to form packets in convers mode |
| **SLOTTIME** |  | Time between successive tries of persistance algorithm (10 msec) |
| **START** |  | Char to restart output from TNC to terminal |
| **STOP** |  | Char to stop output from TNC to terminal |
| **STREAMSW** |  | Char used to change streams |
| **STREAMCA** |  | Show callsigns with stream switch |
| **STREAMEV** |  | Show stream switch with every packet |
| **SUPLIST** | [ON|OFF] [NONE | {+|-}call | call,call,...] | where call={callsign | {<|>}callsign | callsign{>|<>}callsign} If on, stations in list are not monitored |
| **SWP** |  | Allows fine tuning of SOFTWARE CD |
| **TRANS** |  | Enter transparent mode |
| **TRACE** |  | Display received packets in hex |
| **TRFLOW** |  | If on, allows software flow control in TRANS receive mode |
| **TRIES** |  | Number of retries on current packet |
| **TXDELAY** |  | Time delay between PTT and radio data out (10 msec) |
| **TXFLOW** |  | If on, allows software flow control in TRANS transmit mode |
| **UNPROTO** | {call [via calls]} | path for UI data frames |
| **USERS** |  | Specifies streams to be used by incoming connects |
| **VERSION** |  | Displays firmware version number |
| **ID** |  | Forces an ID packet |
| **INTFACE** | {TERMINAL | NEWUSER | BBS | GPS | HOST | KISS | XKISS | MODEM} |  |
| **XFLOW** |  | Master switch for software flow control |
| **XKCHKSUM** |  | If on, Extended KISS uses a checksum |
| **XKPOLLED** |  | If on, TNC must be polled in Extended KISS |
| **XMITLVL** |  | Transmit levels (0-502)/(0-255) |
| **XMITOK** |  | If on, allows TNC to key transmitter |
| **XOFF** |  | Char to stop input from terminal to TNC |
| **XON** |  | Char to restart input from terminal to TNC |