

Commands must begin with the letters AT. AT is short for "Attention" and is used by the PC Modem to automatically set the baud rate and parity. AT must be entered in the upper case, all other commands may be in either upper or lower case. This command is the signal to the PC Modem that what follows is a command. LINE LENGTH LIMIT may be followed by one or more commands. The commands will be performed in the order given. The number of commands given at once is limited only by the line length, which cannot exceed 40 characters following AT. Control characters and spaces are not counted, but punctuation marks such as dashes or commas are. The syntax of a command to the PC Modem is as follows: AT <command> <CR>CARRIAGE RETURN Note that <CR> denotes carriage return. This is the command terminator; the command is not processed until a <CR> is entered.

BASIC COMMANDS

| CODE | DESCRIPTION | FUNCTION |
|-----------|-----------------|--|
| AT | Attention Code | Wakes up the modem to command receptive state. Starts the command line. |
| ENTER | Carriage Return | Closes the command line & executes command. S3 defines the carriage return character. |
| BACKSPACE | BACKSPACE | Edits the command line by deleting character one by one. S5 defines the backspace character. |
| +++ | Escape Code | Returns the modem to command mode from on-line mode. S2 defines the escape code character. S12 defines the escape code guard time. |

AUTODIAL COMMANDS

| COMMAND | DIALING | FUNCTION |
|------------|-----------------------|---|
| D | Dialing | The PC Modem goes to originate mode and will dial the number following. |
| , comma | Pause | The PC Modem will pause for two seconds (default time). It allows the PC Modem to wait for a second dial tone, as, for example, when waiting on an outside line on a PBX board. |
| T | Touch-Tone Dialing | Sets the modem to touch-tone dialing |
| P | Pulse Dialing | Sets the modem to pulse dialing mode. |
| R | Reverse Mode | Used to call an "originate only" modem such as an acoustic coupler. |
| A/ | Repeat Command | Repeats the command line. Neither AT nor (ENTER) is necessary for this command. |

| | |
|-----------|--|
| ; | Returns the modem to command mode after dialing. |
| semicolon | |

ADDITIONAL COMMANDS

| COMMAND | PARAMETERS | FUNCTION |
|---------|---------------------------|---|
| A | — | Sets the modem to answer mode immediately without waiting for a ringing signal. |
| Cn | 0 1 (+) | Transmitter off Transmitter on |
| En | 0 1 (+) | Do not echo in command mode Echo characters in command mode |
| Fn | 0 1 (+) | Half duplex Full duplex |
| Hn | 0 1 | On hook (phone line is disconnected when not in use) Off hook (phone line is connected regardless of its condition) |
| Mn | 0 1 (+) 2 | Monitor speaker always off Monitor speaker on until carrier-detect. Monitor speaker always on. |
| On | 0 (+) 1 2 | Return to previous state Exit RDL & return on line Initiate RDL & return on line |
| Qn | 0 (+) 1 | Result codes on Results codes off |
| Sr? | 0-16 | Determine status of the register indicated by "r" |
| Sr=n | | Set register (r) to value (n) |
| r | 0-16 | |
| n | 0-255 | |
| Vn | 0 (+) 1 | Numeric result codes Verbal result codes |
| W | — | Waits for a dial tone before touch-tone dialing. I must be preceded by the D command. |
| Xn | 0 (+) 1 2 3 4 | Basic result codes (0-4) Connect 1200 (code 5) enabled Connect 1200 (code 5) and No Dial Tone (code 6) enabled. Connect 1200 (code 5), Busy (code 7), and No Answer (code 8) enabled. Connect 1200 (code 5), No Dial Tone (code 6), Busy (code 7) and No Answer (code 8) enabled. |
| Z | — | Resets the modem to default condition |

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