

BASIC COMMANDS

CODE	DESCRIPTION	FUNCTION
AT	Attention	All commands must begin with the letters AT. AT must be entered in upper case. This command is the signal to the modem that what follows is a command.
A/	Repeat Last Command	This command will repeat the last command line. It is most useful when used to re-dial the last number dialed.
ENTER	Command Terminator	Closes the command line and executes the command. S3 defines the carriage return character.
BKSPCE	BACKSPACE	Edits the command line by deleting characters 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 D command allows the user not only to dial a number but adjust dialing to the local telephone conditions as well. The set of sub-commands are listed below.
,	Pause	The modem will pause for two seconds (default time). It allows the modem to wait for a second dial tone, as, for example, when waiting for an "outside line" on a PBX board.
T	Touch-Tone Dialing	Touch-tone dialing
P	Pulse Dialing	Pulse (Rotary) dialing
R	Reverse Mode	This command is used at the end of a command to put the 1200 bps internal modem into answer mode when trying to establish contact with an originate-only modem.
;		Returns modem to command mode after dialing.
!	Hookflash	Returns the modem to command mode after dialing.
W	Wait For Dial Tone	This command tells the modem to wait for 3 seconds of continuous dial tone before beginning to dial. The W command will return a result code of NO DIALTONE if no

		dial tone is found. The amount of time the modem waits is governed by the S7 register. If the X2 or X4 commands are used in conjunction with the W command, the modem will only wait 5 seconds for dial tone instead of S7 time.
@	Wait for Silence	This command tells the modem to wait for one or more rings followed by 5 seconds of silence before continuing the command string. The length of time the modem waits is specified in register S7. The factory default time of S7 is 30 seconds. The BUSY result code will be displayed after 5 seconds if a busy signal is detected. This command is used to access a system that does not have a dial tone.

ADDITIONAL COMMANDS

Commands used without a parameter are assumed to have a parameter of 0.

COMMAND	PARAMETERS	FUNCTION
A	—	Sending an A command tells it to answer immediately without waiting for a ring. It then will wait for a Carrier Signal.
C	0 1 (Default)	Carrier signal never output. Carrier signal output automatically as required.
E	0 1 (Default)	Do not echo in command mode Echo characters in command mode
F	0 1 (Default)	Half-duplex Full-duplex
H	0 1	On hook (hang up) Go off hook
M	0 1 (Default) 2	Monitor speaker always off. Monitor speaker on until carrier-detect. Monitor speaker always on.
O	0 (Default) 1 2	Return to on-line state Exit RDL and return on-line. Initiate RDL and return on-line.
Q	0 (Default) 1	Result codes sent Result codes not sent
Sr?	0-16	"r" in this command specifies one of the modem's registers. This command allows the user to display the contents of the specified register.
Sr=n r n	0-16 0-255	Set register (r) to value (n)
V	0	Result numbers displayed

	1 (Default)	Result words displayed
X	0 (Default) 1 2 3 4	Result code set 0 \\ Result code set 1 \\ Result code set 2 > SEE TABLE BELOW Result code set 3 / Result code set 4 /

CODE	X0	X1	X2	X3	X4
0 OK	*	*	*	*	*
1 CONNECT	*	*	*	*	*
2 RING	*	*	*	*	*
3 NO CARRIER	*	*	*	*	*
4 ERROR	*	*	*	*	*
5 CONNECT 1200	-	*	*	*	*
6 NO DIALTONE	-	-	*	-	*
7 BUSY	-	-	-	*	*
8 NO ANSWER	-	-	-	-	-

Z	—	Reset the modem.
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