

## 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 and executes command. S3 defines the carriage return character.
BACKSPACE	BACKSPACE	Edits the command line by deleting the 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

CODE	DESCRIPTION	FUNCTION
D	Dialing	The PC Modem goes to originate mode and will dial the number following.
T	Touch-Tone Dialing	Sets the modem to touch-tone dialing
P	Pulse Dialing	Sets the modem to pulse dialing mode.
, 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.
W	Wait For Dial Tone	A W in the dial sequence tells the modem to wait for a dial tone. You could use this if you use an alternate long-distance carrier or if you dial from a system that requires an access code for a long-distance number.
@	Wait for Silence	Causes the modem to wait for 5 seconds of silence after one or more rings.
!	Hookflash	Performs the "hookflash" often used in PBX phone systems. Use ! to perform a PBX function such as transferring a call.
/	Wait 1/8 Second	Causes modem to wait 1/8 second before processing the rest of the Dial command.

; semicolon	Return to Command	Placed at the end of the Dial command before the carriage return to the command mode after completing the dialing string.
R	Originate Call in Answer Mode	R must be placed last in a dial string before the carriage return. Used to dial an originate only modem, this causes the modem to originate a call in answer mode.

#### ADDITIONAL COMMANDS

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

COMMAND	PARAMETERS	FUNCTION
A	—	Sets the modem to answer mode immediately without waiting for a ringing signal.
B	0 1 (Default)	Selects CCITT V.22 operation when communicating at 1200 bps. Selects BELL 212A operation when communicating at 0-300 bps or at 1200 bps.
C	0 1 (Default)	Disables carrier signal until C1 or Z are entered. Enables carrier signal.
E	0 1 (Default)	Disables echo in command mode Enables echo in command mode
F	0 1 (Default)	Enables echo in on-line mode Disables echo in on-line mode
H	0 (Default) 1	Go on hook (hang up) Go off hook
I	0 1 1	Requests product identification code Performs checksum on firmware ROM; returns checksum. Tests internal memory; returns OK or ERROR for result
L	0 or 1 2 (Default) 3	Low speaker volume Medium speaker volume High speaker volume
M	0 1 (Default) 2	Monitor speaker always off. Monitor speaker on until carrier-detect. Monitor speaker always on.
O	0 1 2	Return to on-line state after the Escape code (+++) Remote digital loopback off. Returns modem on-line. Remote digital loopback on.
Q	0 (Default) 1	Result codes on Results codes off
Sr	0-16	Set pointer to the address of a specific register.

Sr?	0-16	Determine status of the register indicated by "r"
Sr=n r n	0-16 0-255	Set register (r) to value (n)
V	0 1 (Default)	Numeric result codes Verbal result codes
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 /

FUNCTION	X0	X1	X2	X3	X4
Result codes enabled.	0-4	0-5	0-6	0-5&7	0-7
Busy detected	No	No	No	Yes	Yes
Dial tone detected	No	No	Yes	No	Yes
CONNECT message only	Yes	No	No	No	No
Blind Dial enabled	Yes	Yes	No	Yes	No

Y	0 (Default) 1	Long space disconnect disabled. Long space disconnect enabled.
Z	—	Reset the modem.

(abo-07/29/93)