HAYES PROTOCOL COMMANDS

BASIC COMMANDS

CODE	DESCRIPTION	FUNCTION
AT	Attention Code	Wakes up the modem to command receptive state. Starts the command line.
CR <ENTER>	Carriage Return	Closes the command line and executes command. S3 defines the carriage return character.
BS	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.
O	On-line	Return to on-line state
Z	Reset	Reset the modem.

AUTODIAL COMMANDS

COMMAND	DIALING	FUNCTION
D	Dialing	The PC Modem goes to originate mode and will dial the number following.
P	Pulse Dialing	Sets the modem to pulse dialing mode.
T	Touch-Tone Dialing	Sets the modem to touch-tone dialing
R	Reverse Mode	Automatically changes the Modem to answer mode after a call is originated.
, (comma)	Pause	Causes the Modem to pause while dialing. Follows the access code. Length of pause is set by register S8.
; semicolo		Returns the modem to command mode after dialing.
A/	Repeat Command	Repeats the command line. AT and ENTER are unnecessary for this command.
A	————	Sets the modem to answer mode immediately without waiting for a ringing signal.

COMMANDS WITH PARAMETERS

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

COMMAND	PARAMETER	FUNCTION	DEFAULT
Q	0 1	Result codes on Results codes off	Defined by DIP Switch 4
V	0 1	Numeric result codes Verbal result codes	Defined by DIP Switch 3
E	0 1	Do not echo in command mode Echo characters in command mode	Defined by DIP Switch 5.
F	0 1	Half Duplex Full Duplex	F1
M	0 1 2	Monitor speaker always off. Monitor speaker ON until carrier-detect Monitor speaker always on.	M1
C	0 1	Transmitter OFF Transmitter ON	C1
H	0 1	On hook (hang up) Go off hook	H0

TANDY PROTOCOL COMMANDS

COMMAND	DESCRIPTION	DEFAULT
*	Wake up command	
@	Redefine abort character	CTRL O (HEX 0F)
A, a	Answer mode operation	Originate mode
C, c	Clear memory	
D, d	Enter dialer programming mode	
P, p	Pause subcommand	
R, r	Pulse (Rotary) dial subcommand	
T, t	Touch-tone dial subcommand	Pulse (Rotary)
E, e	Command echo disable/enable toggle	Echo enable
F, f	Fast dialing speed	Slow dialing
G, g	Forced carrier detect toggle	DIP Switch 2/6
I, i	Ring/Retry change command	Ring 2/no retry

L, l	List parameter settings	
M, m	Manual/automatic toggle	Automatic
O, o	Originate mode operation	
P, p	Monitor speaker ON/OFF toggle	Speaker ON
Q, q	Self-test command	
S, s	Slow dialing speed	
X, x	Execute command(s)	

(css 07/28/93)