

MAXTECH CORPORATION

XPV 336IR (XPV336I/RCPI)

Card Type	Modem, Fax
Chip Set	Unidentified
I/O Options	Line in, line out, microphone in, speaker out
Maximum Modem Rate	33.6Kbps
Maximum Fax Rate	14.4Kbps
Data Modulation Protocol	Bell 103/212A ITU-T V.21, V.22, V.22bis, V.23, V.32, V.32bis, V.34+
Fax Modulation Protocol	ITU-T V.17, V.27ter, V.29
Error Correction/Compression	MNP5, V.42, V.42bis
Fax Class	Class I
Data Bus	16-bit ISA

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SUPPORTED COMMAND SET	
Basic AT Commands	
AT, '+***', A/	
A, B, E, H, M, O, P, Q, T, V, W, X, Y, Z	
&C, &F, &P, &T, &W, &Y, &Z	
Extended AT Commands	
IA, IB, IK, IN	
%C	
S Registers	
S0, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S14, S16, S18, S21, S22, S23, S24, S25, S26, S27, S28, S29, S30, S31, S32, S33, S36, S38, S39, S40, S41, S46, S48, S82, S86, S91, S92, S95	
Special Commands	
#BDR, #CID, #MDL?, #MFR?, #REV?, #TL, #VBQ?, #VBS, #VBT, #VCI?, #VLS, #VRA, #VRN, #VRX, #VSDb, #VSK, #VSP, #VSR, #VSS, #VTD, #VTM, #VTS, #VTX, +MS	
Note: See MHI Help File for full command documentation.	

Proprietary AT Command Set

AUTO-MODE DETECTION	
Type:	Configuration
Format:	AT [cmds] Nn [cmds]
Description:	Selects various options for the automatic detection and negotiation of protocols during the handshake process if the modem is communicating with a remote modem of dissimilar speed.
Command	Function
N0	Auto-mode detection disabled
í N1	Auto-mode detection enabled

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CLEAR TO SEND	
Type:	Configuration
Format:	AT [cmds] &Rn [cmds]
Description:	Configures CTS settings based on the flow control settings
Command	Function
&R0	Reserved
&R1	Sets CTS operation based on flow control requirements

COMMUNICATIONS MODE	
Type:	Configuration
Format:	AT [cmds] &Mn [cmds]
Description:	Selects communications mode
Command	Mode
i &M0	Asynchronous mode

COMMUNICATIONS MODE (DATA LINK AND FALLBACK)	
Type:	Configuration
Format:	AT [cmds] &Qn [cmds]
Description:	Configures data link and fallback options
Command	Function
&Q0	Set Direct data link only
&Q5	Set V.42 data link with fallback options
&Q6	Set Normal data link only

CONFIGURATION PROFILES	
Type:	Immediate
Format:	AT [cmds] &V [cmds]
Description:	Displays active and stored configuration profiles
Command	Function
&V0	Displays active and stored configuration files
&V1	Displays the statistics of the last connection

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DIAL	
Type:	Immediate
Format:	AT [cmds] D<#> [cmds]
Description:	Dials telephone number according to any modifiers included in the string
Note:	Any combination of modifiers can be used to produce the desired dial functions in sequence.
Command	Function
DL	Re-dial last number
DP	Pulse dialing enabled
DT	Tone dialing enabled/Pulse dialing disabled
DW	Dialing resumed following dial tone detection
D,	Dialing paused for amount of time specified in S8 register
D!	Flash function initiated. Modem commanded to go off-hook for specified time before returning on-hook.
D@	Wait for Quiet Answer function enabled. Modem waits until a "quiet answer," a ring-back signal followed by silence up to the time specified in S7, is received prior to executing the rest of the dial string.
D;	Modem returned to idle state after dialing. The semicolon can only be placed at the end of the dial command.

DATA TERMINAL READY (DTR)	
Type:	Configuration
Format:	AT [cmds] &Dn [cmds]
Description:	Selects modem response to DTR
Command	Function
í Command 0	Modem does not respond to DTR
Command 1	Modem goes to command mode after DTR goes is off
Command 2	Modem goes to command mode and disconnects (hangs up) after DTR goes off; Auto-Answer is disabled.
Command 3	Modem is initialized after DTR goes off

DATA SET READY (DSR)	
Type:	Configuration
Format:	AT [cmds] &Sn [cmds]
Description:	Selects DSR options
Command	Function
í &S0	DSR forced high
&S1	DSR off in command mode and on in on-line mode

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FLOW CONTROL	
Type:	Configuration
Format:	AT [cmds] &K <i>n</i> [cmds]
Description:	Enables flow control options
Command	Function
&K0	Flow control disabled
i &K3	RTS/CTS flow control enabled
&K4	XON/XOFF flow control enabled
&K5	Transparent XON/XOFF flow control enabled
&K6	Unidirectional XON/XOFF flow control enabled

GAURD TONE	
Type:	Immediate
Format:	AT [cmds] &G [cmds]
Description:	Configures guard tone
Command	Function
&G0	Disable guard tone
&G1	Disable guard tone
&G2	Set guard tone to 1800 Hz.

LINE TYPE	
Type:	Configuration
Format:	AT [cmds] &L <i>n</i> [cmds]
Description:	Selects line type
Command	Line Type
i &L0	Switched line (PSTN/Dial-up)

REPORT INFORMATION	
Type:	Immediate
Format:	AT [cmds] I <i>n</i> [cmds]
Description:	Displays information requested
Command	Function
I0	Reports product ID code
I1	Reports ROM checksum
I2	Test and reports internal memory
I3	Reports firmware ID
I4	Reports reserved ID

Extended AT Command Set

AUTO-RETRAIN - AUTO-FALLBACK/FALL-FORWARD	
Type:	Configuration
Format:	AT [cmds] %E <i>n</i> [cmds]
Description:	Controls auto-retrain mode and fallback/fall-forward
Command	Function
%E0	Auto-retrain disabled
%E1	Auto-retrain enabled