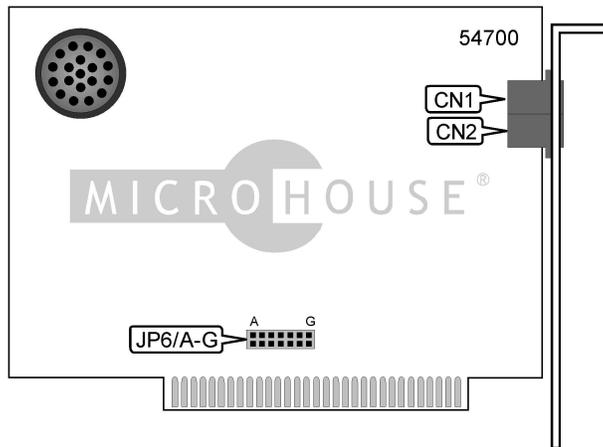


MAXTECH CORPORATION

XPV 336I (VF-1133HV/R9)

Card Type	Modem/Fax card
Chip Set	Unidentified
I/O Options	Line in(RJ-11), line out(RJ-11)
Maximum Modem Rate	33.6Kbps
Maximum Fax Rate	14.4Kbps
Data Modulation Protocol	Bell 103/212A
	ITU-T V34, V.32bis, V.32, V.23, V.22bis, V.22, V.21, V.FC
Fax Modulation Protocol	ITU-T V.17, V.27ter, V.29, V.21
Error Correction/Compression	MNP5, V.42, V.42bis
Fax Class	Class I & II
Data Bus	8-bit ISA



CONNECTIONS			
Function	Label	Function	Label
RJ-11 line	CN1	RJ-11 line	CN2

SERIAL PORT ADDRESS			
Setting	JP6/A	JP6/B	JP6/C
COM1 (3F8h)	Open	Closed	Closed
COM2 (2F8h)	Open	Open	Closed
COM3 (3E8h)	Open	Closed	Open
COM4 (2E8h)	Open	Open	Open
í Plug & Play enabled	Closed	Open	Open

INTERRUPT				
Setting	JP6/D	JP6/E	JP6/F	JP6/G
IRQ2/9	Closed	Open	Open	Open
IRQ3	Open	Closed	Open	Open
IRQ4	Open	Open	Closed	Open
IRQ5	Open	Open	Open	Closed
í Plug & Play enabled	Open	Closed	Open	Open

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SUPPORTED COMMAND SET	
Basic AT Commands	
AT, +++, A/	
A, E, H, M, O, P, T, V, X, Y, Z	
&C, &G, &L, &T, &V, &W, &Y, &Z	
Extended AT Commands	
\A, \B, \C, \E, \G, \J, \K, \O, \Q, \U, \X, \Y, \Z	
%A	
S Registers	
S0, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S14, S16, S18, S21, S22	
S23, S25, S26, S27, S28	
Voice Mode Commands	
#BDR, #CLS, #MDL?, #MFR?, #REV?, #VBQ?, #VBS, #VBT, #VCI?, #VLS, #VRA, #VRN, #VRX, #VSD	
#VSK, #VSP, #VSR, #VSS, #VTD, #VTS, #VTX	
Note: See MHI Help File for full command documentation.	

PROPRIETARY AT COMMAND SET

AUTO-FALLFORWARD/FALLBACK	
Type:	Configuration
Format:	AT [cmds] &En [cmds]
Description:	Enables/disables auto fallforward/fallback
Command	Function
i &E0	Auto fallforward/fallback disabled
&E1	Auto fallforward/fallback enabled

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COMMUNICATION PROTOCOLS	
Type:	Configuration
Format:	AT [cmds] B <i>n</i> [cmds]
Description:	Selects the communication protocol for data calls
Note:	The B command allows the simultaneous selection of more than one suffix, enabling multiple protocols.
Command	Protocol
B0	CCITT mode
í B1	Bell 212A at 300 or 1200bps
B2	Autoscan mode
B3	CCITT V.23 mode
B4	300bps
B5	1200bps
B6	2400bps
B7	4800bps
B8	9600bps
B9	14400bps
B10	16800bps
B11	19200bps
B12	21600bps
B13	28800bps
B14	31200bps
B15	33600bps

COMMUNICATIONS MODE	
Type:	Configuration
Format:	AT [cmds] &M <i>n</i> [cmds]
Description:	Selects communications mode
Command	Mode
&M0	Asynchronous mode

DATA SET READY (DSR)	
Type:	Configuration
Format:	AT [cmds] &S <i>n</i> [cmds]
Description:	Selects DSR options
Command	Function
í&S0	DSR forced high
&S1	DSR high only while modem is handshaking or connected

DATA TERMINAL READY (DTR)	
Type:	Configuration
Format:	AT [cmds] &D <i>n</i> [cmds]
Description:	Selects modem response to DTR
Command	Function
í&D0	DTR override
&D1	DTR toggle causes online command mode
&D2	Normal DTR operations
&D3	Resets on receipt of DTR

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
DP	Pulse dialing enabled
DR	Answer mode enabled; originate mode disabled following handshake initiation.
DS=n	Dial stored telephone number <i>n</i>
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.

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FACTORY DEFAULT PROFILE	
Type:	Configuration
Format:	AT [cmds] &F [cmds]
Description:	Sets values in active profile to values found in the default profile
Command	Function
i&F0	Factory default profile with V.42bis/hardware flow control enabled
&F1	Factory default profile with software flow control enabled
&F2	Factory default profile with V.42bis/hardware flow control enabled
&F3	Factory default profile with software flow control enabled (Macintosh)
&F4	Factory default profile with V.42bis/hardware flow control enabled (Macintosh)
&F5	Factory default profile with V.42bis/hardware flow control disabled

HELP SCREEN	
Type:	Configuration
Format:	AT [cmds] &H [cmds]
Description:	Displays help screen

ORIGINATE MODE	
Type:	Configuration
Format:	AT [cmds] &On [cmds]
Description:	Enables/disables originate-only mode
Command	Line Type
&O0	Originate-only mode disabled
&O1	Originate-only mode enabled

PULSE DIALING RATIO	
Type:	Configuration
Format:	AT [cmds] &Pn [cmds]
Description:	Selects pulse dial make/break ratio
Command	Function
i&P0	39/61ms at 10pps (North America)
&P1	33/67ms at 10pps (Europe)

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REPORT INFORMATION	
Type:	Immediate
Format:	AT [cmds] In [cmds]
Description:	Displays information requested
Command	Function
I0	Reports four digit product code
I1	Reports ROM checksum
I2	Reports internal memory test
I3	V.42bis ID
I4	Reports internal ID

RESULT CODES	
Type:	Configuration
Format:	AT [cmds] Qn [cmds]
Description:	Enables modem to send result codes to the DTE
Command	Function
í Q0	Result code sending enabled
Q1	Result code sending disabled
Q2	Result code sending disabled in answer mode

SPEAKER VOLUME	
Type:	Configuration
Format:	AT [cmds] Ln [cmds]
Description:	Controls speaker volume
Command	Function
L0	Low volume setting
L1	Low volume setting
í L2	Medium volume setting
L3	Highest volume setting

EXTENDED AT COMMAND SET

AUTODETECT V.34 & V.FC	
Type:	Configuration
Format:	AT [cmds] %Mn [cmds]
Description:	Controls autodetect for V.34 and V.FC negotiation signals
Command	Function
%M0	V.34 and V.FC autodetect enabled
%M1	V.34 autodetect enabled
%M2	V.FC autodetect enabled

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

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CALL-BACK SECURITY	
Type:	Configuration
Format:	AT [cmds] %Sn [cmds]
Description:	Selects call-back security password options
Command	Function
%S0	Call-back security disabled
%S1	Password check only enabled
%S2	Call-back security with password check enabled

CLEAR-DOWN SIGNAL	
Type:	Configuration
Format:	AT [cmds] %Dn [cmds]
Description:	Enables/disables clear-down signal
Command	Function
%D0	Clear-down signal disabled
%D1	Clear-down signal enabled

COMPRESSION	
Type:	Configuration
Format:	AT [cmds] %Cn [cmds]
Description:	Selects data compression
Command	Function
%C0	Data compression disabled
%C1	MNP5 enabled

CONNECT MODE	
Type:	Configuration
Format:	AT [cmds] \Nn [cmds]
Description:	Controls the type of connection the modem will operate in
Command	Function
\N0	Normal mode enabled
\N1	Direct mode enabled
\N2	MNP mode enabled
\N3	MNP or Normal mode enabled
\N4	V.42 mode enabled
\N5	V.42 or MNP reliable mode enabled
\N6	V.42/MNP/Normal mode enabled

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EXTENDED RESULT CODES	
Type:	Configuration
Format:	AT [cmds] \Vn [cmds]
Description:	Selects extended result codes
Command	Function
\V0	Reports DCE speed; extended result codes disabled
í \V1	Reports DCE speed; extended result codes enabled
\V2	Reports DTE speed; extended result codes disabled
\V3	Reports DTE speed; extended result codes enabled

INACTIVITY TIMER	
Type:	Configuration
Format:	AT [cmds] \Tn [cmds]
Range:	0-90
Unit:	1 second
Description:	Sets the length of time that the modem does not receive information before it disconnects.

LINE SIGNAL LEVEL	
Type:	Immediate
Format:	AT [cmds] %L [cmds]
Range:	0-15
Unit:	-1 dBm
Description:	Sets transmit level. Default=12

POWER-ON AUTO-CONNECT	
Type:	Configuration
Format:	AT [cmds] %Pn [cmds]
Description:	Enables/disables power-on auto-connect
Command	Function
%P0	Power-on auto-connect disabled
%P1	Power-on auto-connect enabled

STORED PASSWORD	
Type:	Configuration
Format:	AT [cmds] \P=n [cmds]
Range:	0-127
Unit:	ASCII
Description:	Stores password with a maximum of seven characters in NVRAM. \P=? displays stored password