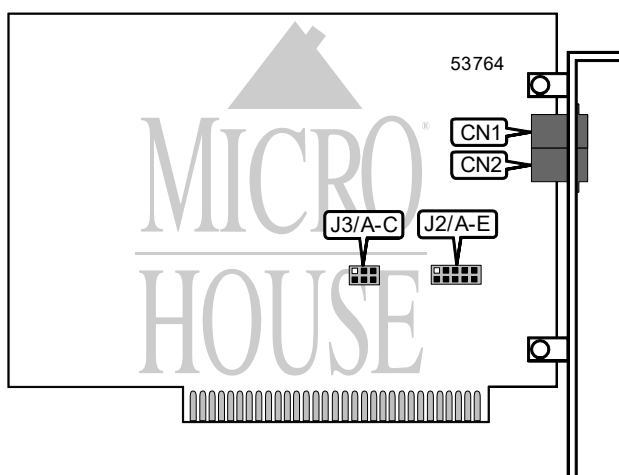


ACTIONTEC ELECTRONICS, INC.

56K X2 DATA/FAX

Card Type	Modem (asynchronous)
Chipset	Unidentified
Maximum Data Rate	56Kbps
Maximum Fax Rate	14.4Kbps
Data Modulation	Bell 103A, 212A ITU-T V.21, V.22, V.22bis, V.23, V.32, V.32bis, V.34 U.S. Robotics x2
Fax Modulation	ITU-T V.17, V.21CH2, V.27ter, V.29
Error Correction/Compression	MNP5, V.42, V.42bis
Fax Class	Class I
Data Bus	8-bit ISA
Card Size	Full height, half length



CONNECTIONS			
Function	Label	Function	Label
Telephone line out	CN1	Telephone line in	CN2

USER CONFIGURABLE SETTINGS		
Setting	Label	Position
Plug-N-Play enabled	J3/C	Open
Plug-N-Play disabled	J3/C	Closed

SERIAL PORT ADDRESS SELECTION		
Setting	J3/A	J3/B
3F8h (COM1:)	Closed	Closed
2E8h (COM2:)	Open	Closed
3F8h (COM3:)	Closed	Open
2E8h (COM4:)	Open	Open
Plug-N-Play	Open	Open

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INTERRUPT SELECTION					
Setting	J2/A	J2/B	J2/C	J2/D	J2/E
2	Closed	Open	Open	Open	Open
3	Open	Closed	Open	Open	Open
4	Open	Open	Closed	Open	Open
5	Open	Open	Open	Closed	Open
7	Open	Open	Open	Open	Closed
í Plug-N-Play	Open	Open	Open	Open	Open

SUPPORTED STANDARD COMMANDS	
Basic AT Commands	
+++, 'comma', A/	
A, B, D, E, F, H, L, M, O, Q, V, X, Y, Z	
&C, &D, &F, &G, &P, &R, &S, &T, &W, &Z	
S-Registers	
The S-registers are unidentified.	
Note: See MHI help file for complete information.	

BREAK TYPE	
Type:	Configuration
Format:	AT [cmds] &Yn [cmds]
Description:	Configures action of break signal.
Command	Function
&Y0	Break empties buffer.
í &Y1	Break empties buffer and is sent immediately.
&Y2	Break does not empty buffer and is sent immediately.

COMPRESSION MODE	
Type:	Configuration
Format:	AT [cmds] &Kn [cmds]
Description:	Selects the type of data compression that will be used.
Command	Function
&K0	Data compression disabled.
í &K1	Auto-detect compression mode.
&K2	Data compression enabled.
&K3	MNP5 data compression only enabled.

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CONNECTION SPEED LOWER LIMIT	
Type:	Configuration
Format:	AT [cmds] &Un [cmds]
Description:	Sets slowest allowed connection speed if &N is set to 1 or higher.
Command	Function
i &U0	No minimum connect speed.
&U1	Set minimum connect speed to 300bps.
&U2	Set minimum connect speed to 1200bps.
&U3	Set minimum connect speed to 2400bps.
&U4	Set minimum connect speed to 4800bps.
&U5	Set minimum connect speed to 7200bps.
&U6	Set minimum connect speed to 9600bps.
&U7	Set minimum connect speed to 12Kbps.
&U8	Set minimum connect speed to 14.4Kbps.
&U9	Set minimum connect speed to 16.8Kbps.
&U10	Set minimum connect speed to 19.2Kbps.
&U11	Set minimum connect speed to 21.6Kbps.
&U12	Set minimum connect speed to 24Kbps.
&U13	Set minimum connect speed to 26.4Kbps.
&U14	Set minimum connect speed to 28.8Kbps.
&U15	Set minimum connect speed to 31.2Kbps.
&U16	Set minimum connect speed to 33.6Kbps.
&U17	Set minimum connect speed to 33.3Kbps.
&U18	Set minimum connect speed to 37.3Kbps.
&U19	Set minimum connect speed to 41.3Kbps.
&U20	Set minimum connect speed to 42.6Kbps.
&U21	Set minimum connect speed to 44Kbps.
&U22	Set minimum connect speed to 45.3Kbps.
&U23	Set minimum connect speed to 46.6Kbps.
&U24	Set minimum connect speed to 48Kbps.
&U25	Set minimum connect speed to 49.3Kbps.
&U26	Set minimum connect speed to 50.6Kbps.
&U27	Set minimum connect speed to 52Kbps.
&U28	Set minimum connect speed to 53.3Kbps.
&U29	Set minimum connect speed to 54.6Kbps.
&U30	Set minimum connect speed to 56Kbps.
&U31	Set minimum connect speed to 57.3Kbps.

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CONNECTION SPEED UPPER LIMIT	
Type:	Configuration
Format:	AT [cmds] &Nn [cmds]
Description:	Sets required connection speed if &U is set to 0; otherwise, sets fastest allowed connection speed.
Command	Function
í &N0	No maximum connect speed.
&N1	Set maximum connect speed to 300bps.
&N2	Set maximum connect speed to 1200bps.
&N3	Set maximum connect speed to 2400bps.
&N4	Set maximum connect speed to 4800bps.
&N5	Set maximum connect speed to 7200bps.
&N6	Set maximum connect speed to 9600bps.
&N7	Set maximum connect speed to 12Kbps.
&N8	Set maximum connect speed to 14.4Kbps.
&N9	Set maximum connect speed to 16.8Kbps.
&N10	Set maximum connect speed to 19.2Kbps.
&N11	Set maximum connect speed to 21.6Kbps.
&N12	Set maximum connect speed to 24Kbps.
&N13	Set maximum connect speed to 26.4Kbps.
&N14	Set maximum connect speed to 28.8Kbps.
&N15	Set maximum connect speed to 31.2Kbps.
&N16	Set maximum connect speed to 33.6Kbps.
&N17	Set maximum connect speed to 33.3Kbps.
&N18	Set maximum connect speed to 37.3Kbps.
&N19	Set maximum connect speed to 41.3Kbps.
&N20	Set maximum connect speed to 42.6Kbps.
&N21	Set maximum connect speed to 44Kbps.
&N22	Set maximum connect speed to 45.3Kbps.
&N23	Set maximum connect speed to 46.6Kbps.
&N24	Set maximum connect speed to 48Kbps.
&N25	Set maximum connect speed to 49.3Kbps.
&N26	Set maximum connect speed to 50.6Kbps.
&N27	Set maximum connect speed to 52Kbps.
&N28	Set maximum connect speed to 53.3Kbps.
&N29	Set maximum connect speed to 54.6Kbps.
&N30	Set maximum connect speed to 56Kbps.
&N31	Set maximum connect speed to 57.3Kbps.

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DISPLAY INFORMATION	
Type:	Immediate
Format:	AT [cmds] In [cmds]
Description:	Displays modem properties.
Command	Function
I0	Displays product identification code.
I1	Tests and displays ROM checksum result.
I2	Tests and displays RAM checksum result.
I3	Displays product identification.
I4	Displays current command settings.
I5	Displays current NVRAM settings.
I6	Displays current connection's statistics.
I7	Displays product configuration.

ERROR CORRECTION MODE	
Type:	Configuration
Format:	AT [cmds] &Mn [cmds]
Description:	Selects active error correction protocols.
Command	Function
&M0	Normal mode only.
i &M4	Auto-detect mode.
&M5	Error correction mode only.

EXTENDED RESULT CODES	
Type:	Configuration
Format:	AT [cmds] &An [cmds]
Description:	Selects extended result codes.
Command	Function
&A0	Extended result codes disabled.
&A1	Error correction result codes enabled.
&A2	V.32 result code enabled.
i &A3	Error correction and compression result codes enabled.

FLOW CONTROL - MODEM-TO-MODEM	
Type:	Configuration
Format:	AT [cmds] &In [cmds]
Description:	Selects the type of modem-to-modem flow control used.
Command	Function
i &I0	Software flow control disabled.
&I1	XON/XOFF pass-through enabled.
&I2	XON/XOFF pass-through disabled.

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FLOW CONTROL TYPE	
Type:	Configuration
Format:	AT [cmds] &H <i>n</i> [cmds]
Description:	Sets type of flow control used by modem.
Command	Function
&H0	Flow control disabled.
í &H1	CTS/RTS flow control enabled.
&H2	XON/XOFF flow control enabled.
&H3	CTS/RTS and XON/XOFF flow control enabled.

LOCK SERIAL PORT	
Type:	Configuration
Format:	AT [cmds] &B <i>n</i> [cmds]
Description:	Sets operation of serial port speed.
Command	Function
&B0	Serial speed follows connect speed.
í &B1	Serial speed locked.
&B2	Serial speed locked in error correction mode only.