ACER, INC.
MAGIC MP56

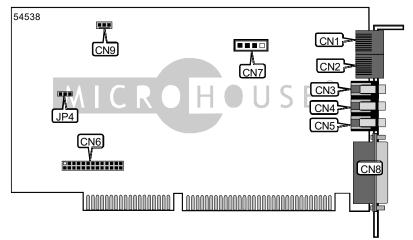|	
Card Type	Modem (asynchronous), Fax, Sound card
Chip Set	Unidentified
I/O Options	CD-ROM interface, game port, wavetable interface, audio line in, audio line out, microphone
Maximum Modem Rate	56Kbps
Maximum Fax Rate	14.4Kbps
Data Modulation Protocol	Bell 103/212A
	ITU-T V.22, V.22bis, V.23, V.32, V.32bis, V.34
Fax Modulation Protocol	ITU-T V.17, V.33, V.29, V.27ter, V.21CH2
Error Correction/Compression	MNP 5, V.42bis
Fax Class	Unidentified
Data Bus	16-bit ISA

CONNECTIONS			
Function	**Label**	**Function**	**Label**
Line out	CN1	Wavetable interface	CN6
Line in	CN2	CD-ROM connector	CN7
Microphone	CN3	MIDI/Game port	CN8
Audio line in	CN4	Ring-on connector	CN9
Speaker/audio line-out	CN5		

USER CONFIGURABLE SETTINGS		
Setting	**Label**	**Position**
Flash download disabled	JP4	Pins 1 & 2 closed
Flash download enabled	JP4	Pins 2 & 3 closed

ACER, INC.

MAGIC MP56

SUPPORTED COMMAND SET
Basic AT Commands
AT, A/
A, B, D, E, H, M, O, P, Q, T, V, W, X, Y, Z
&C, &F, &M, &P, &Q, &R, &T, &V, &W, &Y, &Z
Extended AT Commands
\K, \N
%E, %L, %Q
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, S37, S38, S39, S40, S41, S46, S48, S82, S86, S95
Special Commands
+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
N1	Auto-mode detection enabled

CLOCK SOURCE - SYNCHRONOUS TRANSMIT	
Type:	Configuration
Format:	AT [cmds] &Xn [cmds]
Description:	Selects DTE transmit clock source

Command	Function
&X0	Modem generates clock
&X1	DTE generates clock

DATA SET READY (DSR)	
Type:	Configuration
Format:	AT [cmds] &Sn [cmds]
Description:	Selects DSR options

Command	Function
&S0	DSR forced high
&S1	DSR acts per V.25

ACER, INC.
MAGIC MP56

DATA TERMINAL READY (DTR)				
Type:	Configuration			
Format:	AT [cmds] &D*n* [cmds]			
Description:	Selects modem response to DTR			
Note: **The action each variant of &D causes depends on the setting of &Q**				
&Q Setting	&D0	&D1	&D2	&D3
&Q0, &Q5, &Q6	Command 0	Command 1	Command 2	Command 3
&Q1, &Q4	Command 2	Command 1	Command 2	Command 3
&Q2, &Q3	Command 2	Command 2	Command 2	Command 2
Command	**Function**			
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			

FLOW CONTROL	
Type:	Configuration
Format:	AT [cmds] &K*n* [cmds]
Description:	Enables flow control options
Command	**Function**
&K0	Disable DTE/DCE flow control
&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

GUARD TONE	
Type:	Configuration
Format:	AT [cmds] &G*n* [cmds]
Description:	Commands the modem to transmit a guard tone in V.22/V.22bis
Note: **Used primarily for international data transmission**	
Command	**Function**
&G0	Guard tone disabled
&G1	Guard tone disabled
&G2	1800Hz guard tone enabled

ACER, INC.
MAGIC MP56

REPORT INFORMATION	
Type:	Immediate
Format:	AT [cmds] I*n* [cmds]
Description:	Displays information requested

Command	Function
I0	Reports modem model and speed
I1	Reports ROM checksum
I2	Tests and reports ROM checksum
I3	Report firmware revision, model and interface type
I4	Report response programmed by OEM
I5	Report the country code parameter
I6	Report modem data pump model and code revision

SPEAKER VOLUME	
Type:	Configuration
Format:	AT [cmds] L*n* [cmds]
Description:	Controls speaker volume

Command	Function
L0	Low volume setting
L1	Low volume setting
L2	Medium volume setting
L3	Highest volume setting

TRANSMIT CARRIER	
Type:	Configuration
Format:	AT [cmds] C*n* [cmds]
Description:	Controls the transmit carrier switching

S(status) -REGISTERS

AUTO SYNCHRONIZATION OPTION	
Format	AT [cmds] S19=*n* [cmds]
Default:	0
Range:	Unidentified
Unit:	Unidentified
Description:	Options are unidentified

BIT-MAPPED REGISTER S20	
Format	AT [cmds] S20=*n* [cmds]
Default:	0,
Range:	0-253
Unit:	Bit-mapped
Description:	Selects auto-sync HDLC address or BSC sync character