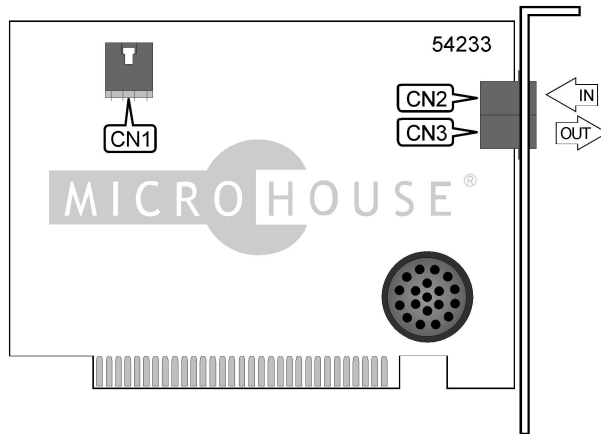


GATEWAY 2000 TELEPATH MODEM FOR WINDOWS WITH X2

Card Type	Modem
Chip Set	Unidentified
I/O Options	Soundcard connector, serial ports (2 RJ-11)
Maximum Modem Rate	56Kbps
Maximum Fax Rate	14.4Kbps
Data Modulation Protocol	Bell 103A/212A, ITU-T V.21, V.22, V.22bis, V.32, V.32bis, V.34, V.FC
Fax Modulation Protocol	V.17, V.21, CH2, V.27ter, V.29
Error Correction/Compression	MNP5, V.42, V.42bis
Fax Class	Class I & II
Data Bus	8-bit ISA
Card Size	Half-length



CONNECTIONS			
Function	Label	Function	Label
Cable connector to sound card	CN1	RJ-11 telephone out	CN3
RJ-11 telephone in	CN2		

MISCELLANEOUS TECHNICAL NOTES
A compatible sound card is necessary in order for the Speakerphone functions to operate properly.

SUPPORTED COMMAND SET
Basic AT Commands
AT, '+', 'comma', A/
A, B, E, F, H, M, O, P, R, T, V, X
&C, &G, &P, &T, &X, &Z
S Registers
S0, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S18, S38
Special Commands
#CID
Note: See MHI Help File for full command documentation.

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GATEWAY 2000 TELEPATH MODEM FOR WINDOWS WITH X2

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VOICE COMMAND SET (DSVD)

QUEUEING DELAY	
Type:	Configuration
Format:	AT [cmds] -SAD= <i>n</i> [cmds]
Values:	1,2,3,4
Description:	Selects max queuing delay of audio samples.

INPUT SOURCE	
Type:	Configuration
Format:	AT [cmds] -SAT= <i>n</i> [cmds]
Description:	Selects input source.
Command	Function
SAT=0	Selects handset
SAT=1	Selects speaker-microphone

HANDSET MICROPHONE GAIN	
Type:	Configuration
Format:	AT [cmds] -SHG= <i>n</i> [cmds]
Description:	Selects handset microphone gain.
Command	Function
SHG=0	Low gain
SHG=2	High gain

HANDSET VOLUME	
Type:	Configuration
Format:	AT [cmds] -SHV= <i>n</i> [cmds]
Description:	Selects handset volume.
Command	Function
SHV=0	Low gain
SHV=3	High gain

MCROPHONE JACK GAIN	
Type:	Configuration
Format:	AT [cmds] -SMG= <i>n</i> [cmds]
Description:	Selects handset microphone gain.
Command	Function
SMG=0	Low gain
SMG=2	High gain

MUTE INTERNAL SPEAKER	
Type:	Configuration
Format:	AT [cmds] -SMUTE= <i>n</i> [cmds]
Description:	Enables/disables internal speaker.
Command	Function
SMUTE=0	Speaker enabled
SMUTE=1	Speaker disabled

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TELEPATH MODEM FOR WINDOWS WITH X2

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INTERNAL SPEAKER AUDIO SOURCE	
Type:	Configuration
Format:	AT [cmds] -SMUX= <i>n</i> [cmds]
Description:	Selects audio source for internal speaker.
Command	Function
SMUX=0	Selects data source
SMUX=1	Selects audio source

QUERY AUXILIARY PHONE HOOK STATUS	
Type:	Configuration
Format:	AT [cmds] -SPH? [cmds]
Description:	Queries auxiliary phone hook status

AUDIO BLOCKING FACTOR	
Type:	Configuration
Format:	AT [cmds] -SSB= <i>n</i> [cmds]
Description:	Selects audio blocking factor (#frames per V.42 packet).

DSVD MODE	
Type:	Configuration
Format:	AT [cmds] -SSE= <i>n</i> [cmds]
Description:	Selects whether the modem will use DSVD mode.
Command	Function
í -SSE=0	DSVD mode disabled.
-SSE=1	DSVD mode enabled.

AUDIO SEQUENCE NUMBERS	
Type:	Configuration
Format:	AT [cmds] -SSN= <i>n</i> [cmds]
Description:	Enables audio sequence numbers.
Command	Function
í -SSN=0	Audio sequence numbers disabled.
-SSN=1	Audio sequence numbers enabled.

SPEAKER JACK VOLUME	
Type:	Configuration
Format:	AT [cmds] -SSV= <i>n</i> [cmds]
Description:	Selects speaker jack volume.
Command	Function
SSV=0	Low gain
SSV=3	High gain

For a full command summary, see GATEWAY 2000, TELEPATH WITH X2 TECHNOLOGY.