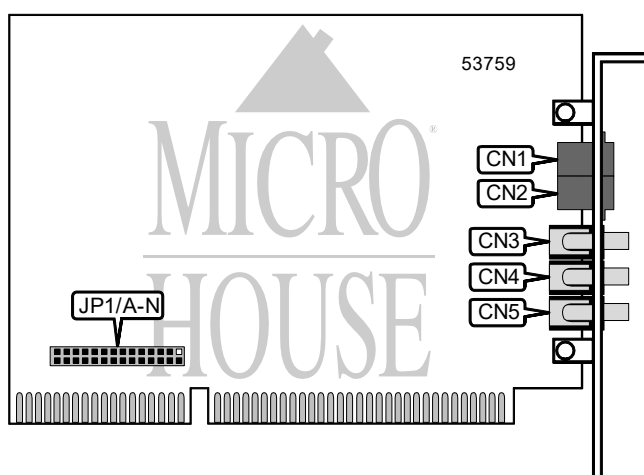


# NEWCOM, INC. 336IFXSP(C)

<b>Card Type</b>	Modem (asynchronous)
<b>Chipset</b>	Unidentified
<b>I/O Options</b>	Audio line out, microphone in, speaker out, voice, speakerphone
<b>Maximum Data Rate</b>	33.6Kbps
<b>Maximum Fax Rate</b>	14.4Kbps
<b>Data Modulation</b>	Bell 103A, 212A
<b>Fax Modulation</b>	ITU-T V.21, V.22, V.22bis, V.23, V.32, V.32bis, V.34
<b>Error</b>	ITU-T V.17, V.21CH2, V.27ter, V.29
<b>Correction/Compression</b>	MNP5, V.42, V.42bis
<b>Fax Class</b>	Class I
<b>Data Bus</b>	16-bit ISA
<b>Card Size</b>	Full height, half length



CONNECTIONS			
Function	Label	Function	Label
Telephone line out	CN1	Headphone line out	CN4
Telephone line in	CN2	Speaker out	CN5
Microphone in	CN3		

PLUG-N-PLAY			
Setting	JP1/A	JP1/B	JP1/C
Enabled	Closed	Closed	Closed
Disabled	Open	Open	Open

Note: If Plug-N-Play mode is enabled, all other jumper settings must also be set for Plug-N-Play.

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INTERRUPT SELECTION							
Setting	JP1/D	JP1/E	JP1/F	JP1/G	JP1/H	JP1/I	JP1/J
3	Open	Open	Open	Open	Open	Open	Closed
4	Open	Open	Open	Open	Open	Closed	Open
5	Open	Open	Open	Open	Closed	Open	Open
7	Open	Open	Open	Closed	Open	Open	Open
10	Closed	Open	Open	Open	Open	Open	Open
11	Open	Closed	Open	Open	Open	Open	Open
12	Open	Open	Closed	Open	Open	Open	Open
í Plug-N-Play	Closed	Closed	Closed	Closed	Closed	Closed	Closed

SERIAL PORT ADDRESS SELECTION				
Setting	JP1/K	JP1/L	JP1/M	JP1/N
3F8h (COM1:)	Closed	Closed	Open	Open
2F8h (COM2:)	Closed	Open	Open	Closed
3E8h (COM3:)	Open	Closed	Closed	Open
2E8h (COM4:)	Open	Open	Closed	Closed
í Plug-N-Play	Open	Open	Open	Open

SUPPORTED STANDARD COMMANDS	
Basic AT Commands	
+++, 'comma', A/	
A, C, D, E, F, H, L, M, N, O, P, Q, T, V, X, Y, Z	
&C, &D, &F, &G, &J, &K, &P, &S, &T, &W, &Y, &Z	
Extended AT Commands	
\A, \B, \C, \G, \J, \N, \O, \Q, \T, \U, \X, \Y, \Z	
%A, %C, %E, %G	
Special AT Commands	
-C, "H, -J, "O	
S-Registers	
S0, S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S14, S16, S18, S21, S22, S23, S25, S27	
S30, S31, S33, S37	
Note: See MHI help file for complete information.	

IS-101 COMMANDS	
+V Commands	
+VBT, +VCID, +VCSD, +VDR, +VEM, +VGM, +VGR, +VGS, +VGT, +VIP, +VIT, +VLS, +VNH, +VRA, +VRN	
+VRX, +VSD, +VSM, +VSP, +VTD, +VTS, +VTX, #VSPS	
-S Commands	
-SAC, -SCD, -SDA, -SDS, -SER, -SFX, -SIC, -SIP, -SQR, -SSP, -SSQ, -SSR, -SSV	
Note: The functions of the IS-101 commands are unidentified.	

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## Proprietary AT Command Set

BREAK TYPE				
<b>Type:</b>		Configuration		
<b>Format:</b>		AT [cmds] \Kn [cmds]		
<b>Description:</b>		Configures action of break signal.		
Command	Break from DTE Reliable/Normal mode	Break from DTE Direct mode	Modem receives \B	Break from remote modem
\K0	Enter command mode, do not send break to remote modem.	Send break to remote modem immediately, then enter command mode.	Buffers cleared and break sent to remote modem.	Buffers cleared and break sent to DTE.
\K1	Buffers cleared and break sent to remote modem.	Send break to remote modem immediately.	Buffers cleared and break sent to remote modem.	Buffers cleared and break sent to DTE.
\K2	Enter command mode, do not send break to remote modem.	Send break to remote modem immediately, then enter command mode.	Send break to remote modem immediately.	Send break to DTE immediately.
\K3	Send break to remote modem immediately.	Send break to remote modem immediately.	Send break to remote modem immediately.	Send break to DTE immediately.
\K4	Enter command mode, do not send break to remote modem.	Send break to remote modem immediately, then enter command mode.	Send break to remote modem with transmitted data.	Break sent with received data to the DTE.
\K5	Send break with transmitted data.	Send break to remote modem immediately.	Send break to remote modem with transmitted data.	Break sent with received data to the DTE.

COMMUNICATION PROTOCOLS	
<b>Type:</b> Configuration	
<b>Format:</b> AT [cmds] Bn [cmds]	
<b>Description:</b> Selects the communication protocol for low-speed data calls.	
Command	Protocol
B0	Modem will use ITU-T V.22 at 1200bps.
B1	Modem will use Bell 212A at 1200bps.
B2	Modem will use ITU-T V.23 at 1200/75bps.
B3	Modem will use ITU-T V.23 at 75/1200bps.

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DISPLAY INFORMATION	
<b>Type:</b>	Immediate
<b>Format:</b>	AT [cmds] ln [cmds]
<b>Description:</b>	Displays information requested about the modem.
Command	Function
I0	Displays product identification code.
I1	Displays chip firmware revision.
I2	Tests and displays ROM checksum result.
I3	Displays modem chipset name.
I5	Displays hardware configuration.
I6	Displays country code.
I7	Displays board firmware revision.
I8	Displays chipset feature bitmap.
I10	Displays board feature bitmap.
I11	Displays board feature bitmap.
I14	Displays digital SAFE device information.
I20	Displays the revision level of the modem's voice chipset.
I21	Displays the revision level of the modem's voice firmware.
I22	Displays the voice chipset manufacturer's name.
I23	Displays the model name of the modem's voice chipset.

DISPLAY PROFILES	
<b>Type:</b>	Immediate
<b>Format:</b>	AT [cmds] &Vn [cmds]
<b>Description:</b>	Displays active and stored configuration profiles.
Command	Function
i &V0	Displays stored profile 0.
&V1	Displays stored profile 1.
&V3	Displays relay status and I/O information.

EXTENDED RESULT CODES	
<b>Type:</b>	Configuration
<b>Format:</b>	AT [cmds] Wn [cmds]
<b>Description:</b>	Selects which result codes the modem will report.
Command	Function
i W0	Enables CONNECT result codes to report DTE speed.
W1	Enables CONNECT result codes to report DTE speed.
W2	Enables CONNECT result codes to report DCE speed.
W3	Enables CONNECT result codes to report DTE speed with error correction and compression information.
W4	Enables CONNECT result codes to report DTE speed with modulation protocol, error correction, and compression information.

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MODE SELECTION	
<b>Type:</b>	Immediate
<b>Format:</b>	AT [cmds] +FCLASS= <i>n</i>
<b>Description:</b>	Sets what mode the modem will operate in.
Command	Function
+FCLASS=0	Data mode.
+FCLASS=1	Class 1 fax mode.
+FCLASS=8	Voice mode.
+FCLASS=80	IS-101 voice mode.

TRELLIS CODING	
<b>Type:</b>	Configuration
<b>Format:</b>	AT [cmds] &Un [cmds]
<b>Description:</b>	Selects whether the modem will use trellis coding.
Command	Function
i &U0	Trellis coding enabled.
&U1	Trellis coding disabled.