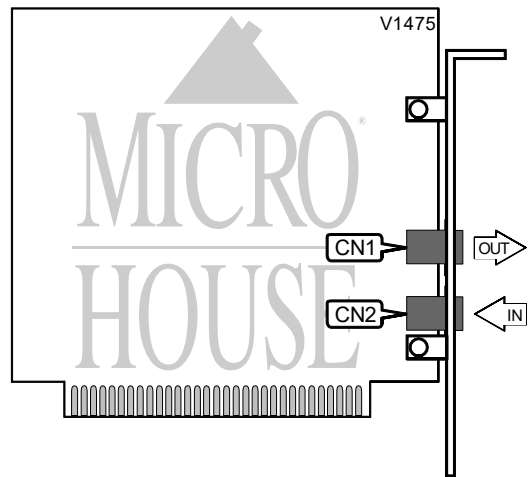


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Modem Type	Data (synchronous/asynchronous)/Fax/Voice
Maximum Data Rate	14.4Kbps
Maximum Fax Rate	14.4Kbps
Data Bus	8-bit ISA
Fax Class	Class I
Data Modulation Protocol	Bell 103A/212A
	ITU-T V.21, V.22, V.22bis, V.23, V.32, V.32bis
Fax Modulation Protocol	ITU-T V.17, V.21CH2, V.27ter, V.29
Error Correction/Compression	MNP5, V.42, V.42bis



CONNECTIONS			
Purpos	Location	Purpos	Location
Line out	CN1	Line in	CN2

Proprietary AT Command Set

AUTO-RETRAIN - FALLBACK/FALLFORWARD	
Type:	Configuration
Format:	AT [cmds] %En [cmds]
Example:	AT %E2 <CR>
Description:	Controls auto-retrain mode and fallback/fall forward.
Command	Function
%E0	Auto-retrain disabled.
%E1	Auto-retrain enabled.
f %E2	Fallback/fall forward enabled.

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BIT-MAPPED REGISTERS	
Register	Default
S14	138
S16	0
S21	52
S22	117
S23	62
S27	73
S28	0
S31	194
S39	3
S40	104
S41	195

BREAK SEND	
Type:	Configuration
Format:	AT [cmds] \Bn [cmds]
Example:	AT \B3 &W<CR>
Default:	3
Range:	1-9
Unit:	.1 second
Description:	Sends break to modem.

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

COMPROMISE EQUALIZER	
Type: Configuration	
Format: AT [cmds] :E <i>n</i> [cmds]	
Example: AT :E1 &W<CR>	
Description: Controls V.32 compromise equalizer.	
Command	Function
:E0	Equalizer disabled.
f :E1	Equalizer enabled.

CONNECT MODE	
Type: Configuration	
Format: AT [cmds] \N <i>n</i> [cmds]	
Example: AT \N1 DT555-1212<CR>	
Description: Sets connect mode.	
Command	Function
\N0	Normal mode.
\N1	Direct mode.
\N2	Reliable mode.
\N3	Auto-reliable mode.
\N4	V.42 reliable mode.
\N5	MNP error correction mode.

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COMPRESSION	
Type:	Configuration
Format:	AT %C <i>n</i>
Example:	AT *EC0 %C1 *AP0<CR>
Description:	Selects data compression.
Command	Function
%C0	Data compression disabled.
%C1	MNP5 enabled.
%C2	V.42bis enabled.
! %C3	MNP5 and V.42bis enabled.

EXTENDED RING		
Format:	AT [cmds] -SDR= <i>n</i> [cmds]	
Example:	AT-SDR=3<CR>	
Default:	0	
Range:	0 - 7	
Unit:	Bit-mapped	
Description:	Selects the response to extended ring types.	
Bit	Value	Function
0	! 0	Do not respond to ring type 1.
	1	Respond to ring type 1.
1	! 0	Do not respond to ring type 2.
	1	Respond to ring type 2.
2	! 0	Do not respond to ring type 3.
	1	Respond to ring type 3.

FLASH DIAL MODIFIER TIME	
Format	AT [cmds] S29= <i>n</i> [cmds]
Example:	ATS29=0<CR>
Default:	0
Range:	0-255
Unit:	.001 second
Description:	Time the modem will go on-hook upon receiving the ! dial modifier in dial string.

FLOW CONTROL CHARACTER - XOFF	
Type:	Register
Format:	AT [cmds] S33= <i>n</i> [cmds]
Example:	ATS33=20<CR>
Default:	19
Range:	0-255
Unit:	ASCII
Description:	Sets the character used to represent XOFF.

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FLOW CONTROL CHARACTER - XON	
Type:	Register
Format:	AT [cmds] S32= <i>n</i> [cmds]
Example:	ATS32=20<CR>
Default:	17
Range:	0-255
Unit:	ASCII
Description:	Sets the character used to represent XON.

LINE SIGNAL LEVEL	
Type:	Configuration
Format:	AT [cmds] %L [cmds]
Example:	AT %L &W<CR>
Description:	Returns recieved line signal level.

MAXIMUM BLOCK SIZE FOR TRANSMISSION	
Type:	Configuration
Format:	AT [cmds] \A <i>n</i> [cmds]
Example:	AT \A1 %C1<CR>
Description:	Sets the maximum transmittable block size.
Command	Function
\A0	MNP block size is 64 characters.
i \A1	MNP block size is 128 characters.
\A2	MNP block size is 192 characters.
\A3	MNP block size is 256 characters.

MNP10 TRANSMISSION LEVEL	
Type:	Configuration
Format:	AT [cmds] -SEC <i>n,a</i> [cmds]
Example:	AT-SEC1,24<CR>
Default:	Unidentified
Range:	<i>a</i> =0-30
Unit:	-1 dBm
Description:	Enables/disables and sets the transmission level for MNP10.
Command	Function
<i>n</i> =0	MNP10 disabled.
<i>n</i> =1	MNP10 enabled.

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MODE SELECTION	
Type:	Immediate
Format:	AT [cmds] +FCLASS= <i>n</i> [cmds]
Example:	AT +FCLASS=0 &W<CR>
Description:	Sets what mode the modem will operate in.
Command	Function
+FCLASS=0	Data mode enabled.
+FCLASS=1	Fax mode enabled.
+FCLASS=80	Voice mode enabled.

REPORT INFORMATION	
Type:	Immediate
Format:	AT [cmds] I <i>n</i> [cmds]
Example:	AT I1 O<CR>
Description:	Displays modem properties.
Command	Function
I0	Reports product code.
I1	Reports firmware checksum.
I2	Reports firmware checksum result. (report OK if correct)
I3	Reports firmware revision.
I4	Reports identifier string.
I5	Reports country code.
I6	Reports Data Pump modem and revision.

REPORT SIGNAL QUALITY	
Type:	Configuration
Format:	AT [cmds] %Q [cmds]
Example:	AT %Q &W<CR>
Description:	Reports signal quality.

SLEEP TIMER	
Format	AT [cmds] S24= <i>n</i> [cmds]
Example:	ATS24=40<CR>
Default:	1
Range:	0 - 255
Unit:	.01 second
Description:	Maximum duration of DTE and DCE inactivity allowed prior to initiating low-power sleep mode.

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TRANSMISSION LEVEL	
Type:	Configuration
Format:	AT [cmds] @Mn [cmds]
Example:	AT @M25 &W<CR>
Default:	0
Range:	11-30
Unit:	-1 dBm
Description:	Sets the signal level for transmission.
Command	Function
i @M0	-26dBm
@M1	-30dBm
@M2-@M10	-10dBm