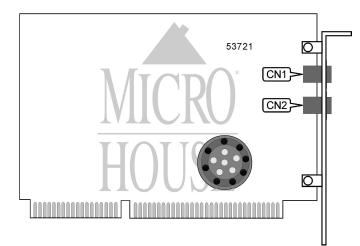
Card Type Chip Set Maximum Modem Rate Maximum Fax Rate Data Modulation Protocol

Fax Modulation Protocol Error Correction/Compression Fax Class Data Bus Card Size Modem (asynchronous) Rockwell 56Kbps 14.4Kbps Bell 103A/212A ITU-T V.21, V.22, V.22bis, V.23, V.32, V.32bis, V.34 Rockwell V.FC, K56+ ITU-T V.17, V.21CH2, V.27ter, V.29 MNP5, V.42, V.42bis Class I 16-bit ISA Three-quarter length, full-height



	CONNE	ECTIONS	
Function	Label	Function	Label
Telephone line	CN1	Telephone line	CN2

SUPPORTED STANDARD COMMANDS		
Basic AT Commands		
+++, 'comma', A/		
A, B, E, H, L, M, N, O, P, Q, T, V, W, X, Y, Z		
&C, &D, &F, &G, &K, &P, &R, &S, &T, &V, &W, &Y, &Z		
Extended AT Commands		
VA, VB, VK, VN, VV		
%C, %E, %L, %Q		
Special AT Commands		
#CID, +MS		
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, S32, S33, S36, S38, S39, S40, S46, S48, S82, S86, S91, S92, S95		
Note: See MHI help file for complete information.		

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UNIDENTIFIED COMMANDS		
Command	Default	
+ES=nnn	3,0,2	
+ESA=nnnnnnn	0,0,0,0,0,0,0,0	
+ITF=nn	255,64	

Proprietary AT Command Set

		BIT-MAPPED REGISTER S31
Format:		AT [cmds] S31= <i>n</i> [cmds]
Default:		2
Range:		0 - 43
Descripti	ion:	Select automode, extended result code format, and caller ID format.
Bit	Value	Function
0	í 0	Extended result codes controlled by S95.
	1	Extended result codes set for single-line format.
1	0	Auto-mode detection disabled
	í 1	In originate mode, handshake begins at line speed designated by the S37 register.
		Modem can shift to a slower speed if necessary.
		In answer mode, handshake attempted with the following protocols in order - V.FC,
		V.32bis, V.32, V.22bis, V.22 or Bell 212, V.21, and Bell 103
3, 2	í 00	Enables CONNECT result codes to report DTE speed
	01	Full reporting of CONNECT result codes
	10	Enables CONNECT result codes to report DCE speed
5, 4	í 00	Caller ID disabled.
	01	Caller ID displays formatted data.
	10	Caller ID displays raw hexadecimal data.

		BIT-MAPPED REGISTER S41
Format		AT [cmds] S41= <i>n</i> [cmds]
Default:		71
Range:		0 - 71
Descript	ion:	Selects compression and auto-retrain.
Bit	Value	Function
1, 0	00	Data compression disabled.
	01	MNP5 enabled.
	10	V.42bis enabled.
	í 11	MNP5 and V.42bis enabled.
6, 2	00	Auto-retrain disabled.
	01	Auto-retrain enabled.
	í 11	Auto-fallback/fall-forward enabled.
5 - 3	000	Not used.

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	DIAL
Туре:	Immediate
Format:	AT [cmds] D<#>;[cmds]
Description:	Dials the telephone number indicated according to any modifiers included in the
	string.
Command	Function
DL	Re-dial last number.
DP	Pulse dialing enabled.
DS=n	Dial stored telephone number <i>n</i> .
DT	Tone dialing enabled.
DW	Dialing resumed following dial tone detection.
D,	Dialing paused for amount of time specified in S8 register.
D>	Transmit grounding pulse.
D!	Flash function initiated. Modem commanded to go off-hook for specified time before returning on-hook.
D@	Wait for Quiet Answer function enabled. Modem waits until a "quiet answer," a ring- back signal followed by silence up to the time specified in S7, is received prior to executing the rest of the dial string.
D&	Wait for prompt tone detection function enabled. Waits for prompt tone for amount of time specified by the S7 command.
D*	Toggles calling tone on or off for this call.
D;	Modem returned to idle state after dialing. The semicolon can only be placed at the end of the dial command.

	DISPLAY BLACKLIST NUMBERS
Type:	Immediate
Format:	AT [cmds] *B [cmds]
Description:	Displays the list of all the numbers on the blacklist and their statuses.

	DISPLAY DELAYED NUMBERS
Type:	Immediate
Format:	AT [cmds] *D [cmds]
Description:	Displays the list of all delayed numbers and their statuses.

DISPLAY INFORMATION		
Туре:	Immediate	
Format:	AT [cmds] I <i>n</i> [cmds]	
Description:	Displays information requested about the modem.	
Command	Function	
10	Displays product identification code.	
1	Displays ROM checksum.	
2	Tests and displays ROM checksum result.	
3	Displays firmware revision, model, and interface.	
4	Displays product name.	
15	Displays country code.	
16	Displays data pump model and revision.	

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		DISTINCTIVE RING
Format:		AT [cmds] -SDR= <i>n</i> [cmds]
Default:		Unidentified
Range:		0 - 7
Descripti	ion:	Selects which distinctive ring signals the modem will respond to.
Bit	Value	Function
0	0	Do not respond to distinctive ring type 1.
	1	Respond to distinctive ring type 1.
1	0	Do not respond to distinctive ring type 2.
	1	Respond to distinctive ring type 2.
2	0	Do not respond to distinctive ring type 3.
	1	Respond to distinctive ring type 3.

	RPI CONFIGURATION
Туре:	Configuration
Format:	AT [cmds] +H <i>n</i> [cmds]
Description:	Configures the Rockwell Protocol Interface.
Command	Function
+H0	RPI disabled.
+H1	RPI enabled and local serial port speed set to 19.2Kbps.
+H2	RPI enabled and local serial port speed set to 38.4Kbps.
+H3	RPI enabled and local serial port speed set to 57.6Kbps.
+H11	RPI+ enabled.