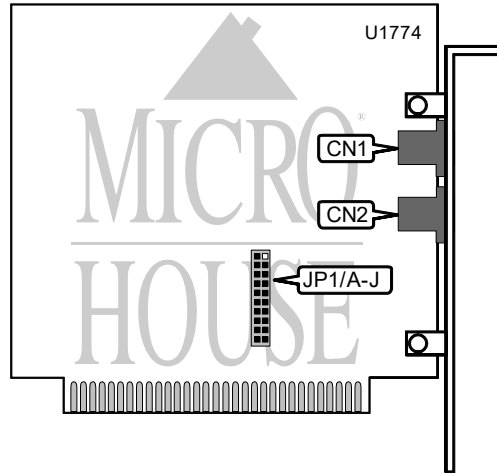


**BOCA RESEARCH, INC.**  
**ON-LINE EXPRESS 14.4 (M144AI)**

**Modem Type** Data (asynchronous)/Fax  
**Maximum Data Rate** 14.4Kbps  
**Maximum Fax Rate** 14.4Kbps  
**Data Bus** 8 bit ISA  
**Fax Class** Class I & II  
**Data Modulation Protocol** Bell 103A/212A  
 ITU-T V.21, 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 in	CN1	Line out	CN2

SERIAL PORT ADDRESS					
Setting	JP1/A	JP1/B	JP1/C	JP1/D	JP1/E
100h	Closed	Open	Open	Open	Open
180h	Open	Closed	Open	Open	Open
280h	Open	Open	Closed	Open	Open
300h	Open	Open	Open	Closed	Open
380h	Open	Open	Open	Open	Closed

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INTERRUPT					
Setting	JP1/F	JP1/G	JP1/H	JP1/I	JP1/J
3	Closed	Open	Open	Open	Open
4	Open	Closed	Open	Open	Open
í 5	Open	Open	Closed	Open	Open
7	Open	Open	Open	Closed	Open
9	Open	Open	Open	Open	Closed

### Proprietary AT Command Set

COMPRESSION	
<b>Type:</b>	Configuration
<b>Format:</b>	AT %Cn
<b>Description:</b>	Selects data compression
<b>Command</b>	<b>Function</b>
%C0	Data compression disabled
í %C1	Data compression enabled

FLOW CONTROL TYPE	
<b>Type:</b>	Configuration
<b>Format:</b>	AT [cmds] \Qn [cmds]
<b>Description:</b>	Sets type of flow control used by modem
<b>Command</b>	<b>Function</b>
\Q0	Flow control disabled
\Q1	XON/XOFF flow control enabled
\Q2	Returns ERROR
í \Q3	RTS/CTS flow control enabled

CONNECT MODE	
<b>Type:</b>	Configuration
<b>Format:</b>	AT [cmds] \Nn [cmds]
<b>Description:</b>	Sets connect mode
<b>Command</b>	<b>Function</b>
\N0	Normal mode enabled
\N1	Direct mode enabled
\N2	MNP reliable mode enabled
í \N3	MNP, LAP-M, or normal mode enabled
\N4	LAP-M reliable enabled

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PROTOCOL/SPEED	
<b>Format</b>	AT [cmds] S37= <i>n</i> [cmds]
<b>Default:</b>	0
<b>Range:</b>	0-10
<b>Description:</b>	Selects switched line speed
<b>Command</b>	<b>Function</b>
i S37=0	Connect at highest common speed
S37=3	Connect at 300bps
S37=5	Connect at 1200bps
S37=6	Connect at 2400bps
S37=7	Connect at 4800bps
S37=8	Connect at 7200bps
S37=9	Connect at 9600bps
S37=10	Connect at 12.0Kbps
S37=11	Connect at 14.4Kbps
S37=12	Connect at 16.8Kbps
S37=13	Connect at 19.2Kbps