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BOCA OFFICE COMMUNICATOR V.34 (FDVSP34I)

Card Type	Modem/speakerphone
Chip Set	Unidentified
Maximum Data Rate	28.8Kbps
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.22, V.22bis, V.32, V.32bis, V.34
	Rockwell V.FC
Fax Modulation Protocol	ITU-T V.17, V.21CH2, V.27ter, V.29
Error Correction/Compression	MNP5, V.42, V.42bis
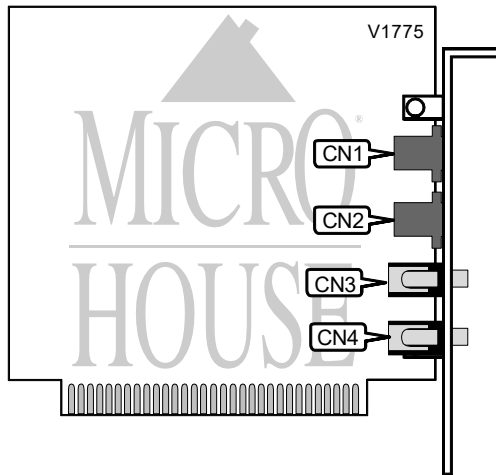
CONNECTIONS			
Function	**Label**	**Function**	**Label**
Line in	CN1	Microphone	CN3
Line out	CN2	Speaker	CN4

Proprietary AT Command Set

AUTO RETRAIN FALLBACK/FALLFORWARD	
Type	Configuration
Format	AT [cmds] %E*n* [cmds]
Description	Controls auto retrain mode and fallback/fallforward

Command	Function
%E0	Auto retrain disabled
%E1	Auto retrain enabled
í %E2	Auto retrain and fallback/fallforward enabled

BREAK SEND	
Type	Configuration
Format	AT [cmds] \B*n* [cmds]
Default	3
Range	1-9
Unit	.1 second
Description	Sends break of *n* length to remote modem

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BREAK TYPE			
Type:	Configuration		
Format:	AT [cmds] \K*n* [cmds]		
Description:	Configures action of break signal.		
Command	**Break from DTE while in reliable mode**	**Break from DTE while in normal mode**	**Break from DTE while in direct mode**
\K0	Enter command mode, do not send break to remote modem	Buffers cleared and break sent to remote modem	Send break and enter command mode
\K1	Buffers cleared and break sent to remote modem	Buffers cleared and break sent to remote modem	Send break and enter command mode
\K2	Enter command mode, do not send break to remote modem	Send break to remote modem immediately	Send break to remote modem immediately
\K3	Send break to remote modem immediately	Send break to remote modem immediately	Send break and enter command mode
\K4	Enter command mode, do not send break to remote modem	Send break to remote modem with transmitted data	Send break to remote modem immediately
í \K5	Send break with transmitted data	Send break to remote modem with transmitted data	Send break to remote modem immediately

COMPRESSION	
Type	Configuration
Format	AT [cmds] %C*n* [cmds]
Description	Selects data compression
Command	**Function**
%C0	Data compression disabled
%C1	MNP5 enabled
%C2	V.42bis enabled
í %C3	MNP5 and V.42bis enabled

FAX TRANSMIT LEVEL	
Type	Register
Format	AT [cmds] S92=*n* [cmds]
Default	10
Range	0-15
Unit	-1dBm
Description	Controls fax transmission level

FLASH DIAL MODIFIER TIME	
Type	Register
Format	AT [cmds] S29=*n* [cmds]
Default	10
Range	0-255
Unit	1ms
Description	Time the modem will go on-hook upon receiving the ! dial modifier in dial string

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FLOW CONTROL CHARACTER - XOFF

Type	Register
Format	AT [cmds] S33=*n* [cmds]
Default	19
Range	0-255
Unit	ASCII
Description	Sets the character used to represent XOFF

FLOW CONTROL CHARACTER - XON

Type	Register
Format	AT [cmds] S32=*n* [cmds]
Default	17
Range	0-255
Unit	ASCII
Description	Sets the character used to represent XON

LINE SIGNAL LEVEL

Type	Immediate
Format	AT [cmds] %L [cmds]
Range	009-043
Unit	-1dBm
Description	Reports received signal level

MAXIMUM BLOCK SIZE FOR TRANSMISSION

Type	Configuration
Format	AT [cmds] \A*n* [cmds]
Description	Sets the maximum transmittable block size.

Command	Function
\A0	Maximum MNP block size is 64 characters.
í \A1	Maximum MNP block size is 128 characters.
\A2	Maximum MNP block size is 192 characters.
\A3	Maximum MNP block size is 256 characters.

MODEM PROTOCOL

Type	Configuration
Format	AT [cmds] \N*n* [cmds]
Description	Sets connect mode

Command	Function
\N0	Normal mode enabled
\N1	Direct mode enabled
\N2	Reliable mode enabled
í \N3	MNP or normal mode enabled
\N4	LAP-M reliable enabled
\N5	MNP reliable mode enabled

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PROTOCOL/SPEED	
Type	Register
Format	AT [cmds] S37=*n* [cmds]
Description	Selects switched line speed
Command	**Function**
í S37=0	Connect at highest common speed
S37=1	Connect at 300bps
S37=2	Connect at 300bps
S37=3	Connect at 300bps
S37=4	Not used
S37=5	Connect at 1200bps
S37=6	Connect at 2400bps
S37=7	Connect at V.23
S37=8	Connect at 4800bps
S37=9	Connect at 9600bps
S37=10	Connect at 12.0Kbps
S37=11	Connect at 14.4Kbps
S37=12	Connect at 7200bps

REPORT SIGNAL QUALITY	
Type	Immediate
Format	AT [cmds] %Q [cmds]
Description	Reports signal quality. Retrain threshold is 008 or greater.

SLEEP INACTIVITY TIMER	
Type	Register
Format	AT [cmds] S24=*n* [cmds]
Default	0
Range	0-255
Unit	Second
Description	Maximum duration of DTE and DCE inactivity allowed prior to initiating low-power sleep mode

BIT MAPPED REGISTERS	
Register	**Default**
S14	138
S16	0
S21	4
S22	117
S23	54
S27	9
S28	0
S31	2
S39	3
S40	105
S41	3