BEST DATA PRODUCTS, INC.
9624 FQ

Modem Type	Data (synchronous/asynchronous)/Fax
Maximum Data Rate	2400bps
Maximum Fax Rate	9600bps
Data Bus	8-bit ISA
Fax Class	Class 1
Data Modulation Protocol	Bell 103 & 212A
	ITU-T V.21 & V.22/V.22bis
Fax Modulation Protocol	Unidentified
Error Correction/Compression	Unidentified
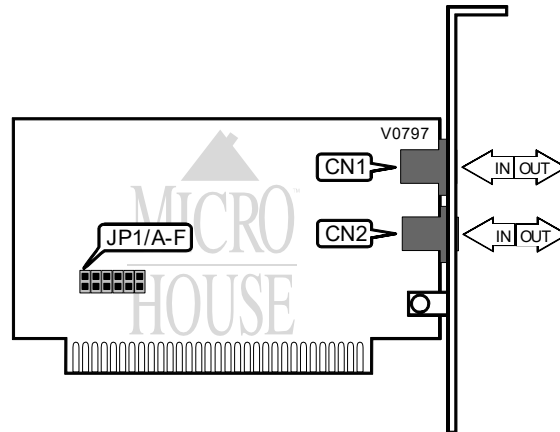
CONNECTIONS			
Purpos	Location	Purpos	Location
Line-in or line-out	CN1	Line-in or line-out	CN2

PORT CONFIGURATION - JP1						
COM/IRQ	Jumper A	Jumper B	Jumper C	Jumper D	Jumper E	Jumper F
í COM2/IRQ3	Open	Closed	Closed	Open	Open	Closed
COM1/IRQ4	Closed	Open	Open	Closed	Open	Closed
COM3/IRQ4	Closed	Open	Open	Closed	Closed	Open
COM4/IRQ3	Open	Closed	Closed	Open	Closed	Open

%J - PROPRIETARY COMMAND	
Type:	Immediate
Format:	%Jn [cmds]
Example:	%J <CR>
Description	Resets the configuration to the &F profile with the following exceptions:
Command/Register	%J Configuration:
%Dn	Sets DTMF attenuation to 2dB (%D1).
%Ln	Sets attenuation to 6dB (%L3).
S6	Wait for dial tone set to 3 seconds (S3 = 3).
S11	DTMF tone duration set to 95ms (S11 = 95).

BEST DATA PRODUCTS, INC.
9624 FQ

%D - PROPRIETARY COMMAND	
Type:	Configuration
Format:	AT [cmds] %Dn [cmds]
Example:	AT M3 %D3 D5555555<CR>
Description	Sets the DTMF transmit level attenuation.

Command	Function
%D0	0dB attenuation.
í %D1	2dB attenuation.
%D2	4dB attenuation.
%D3	6dB attenuation.
%D4	8dB attenuation.
%D5	10dB attenuation.
%D6	12dB attenuation.
%D7	14dB attenuation.

%L - PROPRIETARY COMMAND	
Type:	Configuration
Format:	AT [cmds] %Ln [cmds]
Example:	AT M3 %L5 D5555555<CR>
Description	Sets the transmit level attenuation.

Command	Function
%L0	0dB attenuation.
%L1	2dB attenuation.
%L2	4dB attenuation.
í %L3	6dB attenuation.
%L4	8dB attenuation.
%L5	10dB attenuation.
%L6	12dB attenuation.
%L7	14dB attenuation.

BEST DATA PRODUCTS, INC.
9624 FQ

S21 - PROPRIETARY BIT-MAPPED REGISTER

Value Range:	Bit-mapped
Default:	0
Type:	Read/Write
In Stored Profile?:	Yes
Description:	Bit-mapped configuration register.

Bit	Value	Function
0	í 0	RJ-11/RJ-41S/RJ-45S-type jack used.
	1	RJ-12/RJ-13-type jack used.
1	í 0	Not used.
2	í 0	CTS signal follows RTS signal.
	1	CTS signal follows DCD signal.
4, 3	í 00	Modem ignores DTR signal.
	01	Modem switches to command mode when a DTR signal is detected.
	10	Modem hangs up when a DTR signal is detected.
	11	Modem resets to &F defaults when a DTR signal is detected.
5	í 0	DCD enabled.
	1	DCD enabled when a carrier signal is detected, disabled when carrier signal is lost.
6	í 0	DSR enabled.
	1	Modem goes off-hook in data mode only.
7	í 0	Long-space disconnect function disabled (Y0).
	1	Long-space disconnect function enabled (Y1).

S27 - PROPRIETARY BIT-MAPPED REGISTER

Value Range:	Bit-mapped
Default:	0
Type:	Read/Write
In Stored Profile?:	Yes
Description:	Bit-mapped configuration register.

Bit	Value	Function
1,0	í 00	Asynchronous mode enabled.
	01	Not used.
	10	Not used.
	11	Not used.
2	í 0	Dial-up line mode enabled.
	1	Leased-line mode enabled.
4,3	í 00	Transmit clock generated by the modem.
	01	Not used.
	10	Not used.
	11	Not used.
5	í 0	CCITT V.22/V.22bis protocols enabled.
	1	Bell 212A protocol enabled.
6	í 0	Not used.
7	í 0	Not used.

BEST DATA PRODUCTS, INC.
9624 FQ

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S22 - PROPRIETARY BIT-MAPPED REGISTER		
Value Range:	Bit-mapped	
Default:	118	
Type:	Read/Write	
In Stored Profile?:	Yes	
Description:	Bit-mapped configuration register.	
Bit	Value	Function
1, 0	í 10	Speaker set to medium volume.
	00	Not used.
	01	Speaker set to low volume.
	11	Speaker set to high volume.
3,2	í 01	Speaker enabled while dialing, enabled until carrier signal is detected, then disabled.
	00	Speaker disabled.
	10	Speaker enabled.
	11	Speaker disabled while dialing, enabled until carrier signal is detected, then disabled.
6,5,4	í 111	Full result codes, dial tone wait, and busy tone detect enabled.
	000	Basic result codes enabled, blind dialing only.
	001	Not used.
	010	Not used.
	011	Not used.
	100	Full result codes enabled, blind dialing only.
	101	Full result codes and dial tone wait enabled.
	110	Full result codes enabled, blind dialing only, busy tone detect enabled.
7	í 0	39/61 make/break ratio enabled.
	1	33/67 make/break ratio enabled.

BEST DATA PRODUCTS, INC.
9624 FQ

S23 - PROPRIETARY BIT-MAPPED REGISTER		
Value Range:	Bit-mapped	
Default:	7	
Type:	Read/Write	
In Stored Profile?:	Yes	
Description:	Bit-mapped configuration register.	
Bit	Value	Function
0	í 1	Grant remote loopback request.
	0	Ignore remote loopback request.
2,1	í 11	2400bps data rate enabled.
	00	0 - 300bps data rate enabled.
	01	600bps data rate enabled.
	10	1200bps data rate enabled.
3	í 0	Not used.
5,4	í 00	Even parity enabled.
	01	Space parity enabled.
	10	Odd parity enabled.
	11	Parity disabled.
7,6	í 00	Guard tone disabled.
	01	550Hz guard tone enabled.
	10	1800Hz guard tone enabled.
	11	Not used.

BEST DATA PRODUCTS, INC.
9624 FQ

S28 - PROPRIETARY BIT-MAPPED REGISTER		
Value Range:	Bit-mapped	
Default:	140	
Type:	Read/Write	
In Stored Profile?:	Yes	
Description:	Bit-mapped configuration register.	
Bit	Value	Function
2,1,0	000	0dB transmit level attenuation selected.
	001	2dB transmit level attenuation selected.
	010	4dB transmit level attenuation selected.
	011	6dB transmit level attenuation selected.
	í 100	8dB transmit level attenuation selected.
	101	10dB transmit level attenuation selected.
	110	12dB transmit level attenuation selected.
	111	14dB transmit level attenuation selected.
5,4,3	000	0dB transmit level attenuation selected.
	í 001	2dB transmit level attenuation selected.
	010	4dB transmit level attenuation selected.
	011	6dB transmit level attenuation selected.
	100	8dB transmit level attenuation selected.
	101	10dB transmit level attenuation selected.
	110	12dB transmit level attenuation selected.
	111	14dB transmit level attenuation selected.
6	í 0	10 pulses per second dial signal enabled.
	1	20 pulses per second dial signal enabled.
7	í 1	%J resets secondary default.
	0	&F resets secondary default.