INTERLOGIC INDUSTRIES
A 1 0 4 - F M
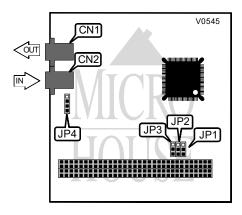
Modem Type	Data/Fax
Maximum Data Rate	2400 bps
Maximum Fax Rate	9600 bps
Data Bus	Unidentified
Fax Class	Unidentified
Data Modulation Protocol	Bell 103A & 212A, CCITT V.22
Fax Modulation Protocol	Unidentified
Error Correction/Compression	CCITT V.42 & V.42bis, MNP 5

CONNECTIONS			
Purpose	Location	Purpose	Location
Line in	CN1	Line out	CN2

COM PORT SETTINGS			
COM	JP1	JP2	JP3
COM4	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
COM1	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
COM2	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
COM3	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed

CONNECTOR JP4	
Purpose	Location
Pair 2 Tip & Ring	Pins 1 & 4
Pair 1 Tip & Ring	Pins 2 & 3

S14 -BIT MAPPED CONFIGURATION REGISTER		
Value Range:	Bit-mapped	
Default:	1	
Type:	Read/Write	
In Stored Profile?:	Yes	
Description:	Bit Mapped Configuration Register	
Bit	Value	Function
0	0	Not used
1	í 1	Enable: Command echo (E1)
	0	Disable: Command echo (E0)
2	í 0	Enable: Result codes (Q0)
	1	Disable: Result codes (Q1)
3	í 1	Set result codes to word (V1)
	0	Set result codes to digit (V0)
4	0	Not used
5	í 1	Set to Pulse dial (P)
	0	Set to Tone Dial (T)
6	0	Not used
7	í 1	Enable: Originate mode
	0	Enable: Answer mode

S21 -BIT MAPPED CONFIGURATION REGISTER		
Value Range:	Bit-mapped	
Default:	1	
Type:	Read/Write	
In Stored Profile?:	Yes	
Description:	Bit Mapped Configuration Register	
Bit	Value	Function
0	0	Not used
1	0	Not used
2	0	Not used
3 & 4	í 00	Sets modem to ignore DTR (&D0)
	01	ON-to-OFF transition on DTR forces the modem to enter the command mode (&D1)
	10	ON-to-OFF transition on DTR forces the modem to hang up (&D2)
	11	ON-to-OFF transition on DTR forces the modem to reset (&D3)
5	í 0	Enable: DCD always ON (&C0)
	1	DCD checks the actual state of the data carrier (&C1)
6	0	Not used
7	í 0	Disable: Long Space Disconnect (Y0)
	1	Enable: Long Space Disconnect (Y1)

INTERLOGIC INDUSTRIES
A 1 0 4 - F M

S22 -BIT MAPPED CONFIGURATION REGISTER		
Value Range:	Bit-mapped	
Default:	1	
Type:	Read/Write	
In Stored Profile?:	Yes	
Description:	Bit Mapped Configuration Register	
Bit	Value	Function
0 & 1	í 10	Speaker volume set to medium (l1)
	00	Speaker volume set to low (l0)
	01	Speaker volume set to low (l1)
	11	Speaker volume set to high (l3)
2 & 3	í 01	Enable: Speaker on until carrier detected (M1)
	00	Disable: Speaker (M0)
	10	Enable: Speaker always on (M2)
	11	Enable: Speaker on until carrier detected but Off during dialing (M3)
4 & 5 & 6	í 111	Enable: fourth extended result code set (X4)
	000	Enable: basic result code set (x0)
	100	Enable: first extended result code set (X1)
	101	Enable: second extended result code set (X2)
	110	Enable: third extended result code set (X3)
7	í 0	Set Make/Break ratio is 39/61 for USA (&P0)
	1	Set Make/Break ratio is 33/67 for UK/HK (&P1)

S23 - BIT MAPPED CONFIGURATION REGISTER		
Value Range:	Bit-mapped	
Default:	1	
Type:	Read/Write	
In Stored Profile?:	Yes	
Description:	Bit Mapped Configuration Register	
Bit	Value	Function
0	í 1	Disable: Accept request from remote modem for a remote digital loopback (&T5)
	0	Enable: Accept request from remote modem for a remote digital loopback (&T4)
1 & 2 & 3	000	300 bps
	001	600 bps
	010	1200 bps
	011	2400 bps
	100	4800 bps
	101	9600 bps
4 & 5	00	Enable: Even parity.
	01	Enable: Space parity.
	10	Enable: Odd parity.
	11	Enable: Mark parity.
6	í 00	Disable: Guard tone (&G0)
	01	Enable: 550 Hz guard tone (&G2)
	10	Enable: 1800 Hz guard tone (&G2)
	11	Not used

INTERLOGIC INDUSTRIES
A 1 0 4 - F M

S27 -BIT MAPPED CONFIGURATION REGISTER		
Value Range:	Bit-mapped	
Default:	1	
Type:	Read/Write	
In Stored Profile?:	Yes	
Description:	Bit Mapped Configuration Register	
Bit	Value	Function
0	0	Not used
1	0	Not used
2	0	Not used
3	0	Not used
4	0	Not used
5	0	Not used
6	1	Enable: Bell 212A with 1200bps, Bell 103 with 300bps (B1)
	0	Enable: CCITT V.22 with 1200bps; V.21 with 300bps (B0)
7	0	Not used