KATRON TECHNOLOGIES, INC.
EISA 32-BIT MASTER BUS ETHERNET ADAPTER

NIC Type	Ethernet
Transfer Rate	10Mbps
Data Bus	32-bit EISA
Topology	Linear bus
Wiring Type	Shielded/Unshielded Twisted Pair
	AUI transceiver via DB-15 port
	RG-58A/U 50ohm coaxial
Boot ROM	Available
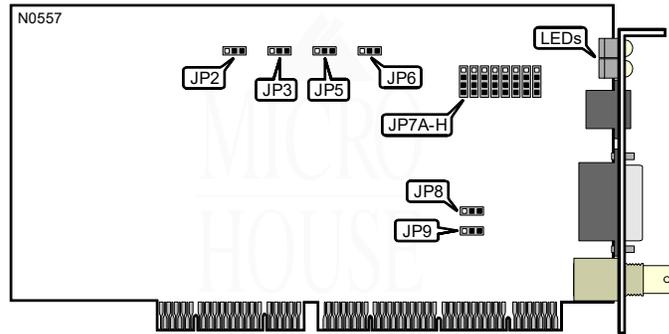
FACTORY CONFIGURED SETTINGS	
Jumper	Setting
JP2	Pins 1 & 2 closed
JP3	Pins 2 & 3 closed

NETWORK VERSION	
Version	JP5
íEthernet Version 2 (can use all ports)	Pins 1 & 2 closed
Ethernet Version 1 (uses AUI port only)	Pins 2 & 3 closed

LINK INTEGRITY TEST	
Setting	JP6
íEnabled	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed
Note: The link integrity test is only valid when the cable type is unshielded twisted pair.	

CABLE TYPE	
Type	JP7
Shielded/Unshielded Twisted Pair	Pins 1 & 2 closed
AUI transceiver via DB-15 port	Pins 2 & 3 closed
íRG-58A/U 50ohm coaxial	Pins 3 & 4 closed

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SEGMENT LENGTH	
Maximum Length	JP8
í185 meters	Pins 1 & 2 closed
300 meters	Pins 2 & 3 closed
Note: Segment length is the total length of cable between the two farthest cards on the segment. Each card on the segment must have this option set the same.	

ONBOARD TERMINATOR	
Setting	JP9
íDisabled	Pins 1 & 2 closed
Enabled	Pins 2 & 3 closed
Notes: If the card is on either end of a linear bus network segment, the onboard terminator may be used instead of using an external terminator.	
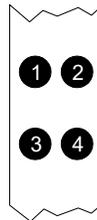
DIAGNOSTIC LED(S)			
LED	Color	Status	Condition
LED1	Green	On	Link is correctly configured
LED1	Green	Blinking	Link is incorrectly configured
LED1	Green	Off	Twisted pair connection not used/Link test is disabled
LED2	Yellow	On	Twisted pair polarity is reversed and corrected
LED2	Yellow	Off	Twisted pair polarity is correct/Twisted pair connection not used
LED3	Green	On	Card is not powered or has failed
LED3	Green	Blinking	Data is being transmitted or received
LED3	Green	Off	Data is not being transmitted or received
LED4	Yellow	On	Collision detected on network
LED4	Yellow	Off	No collisions detected on network