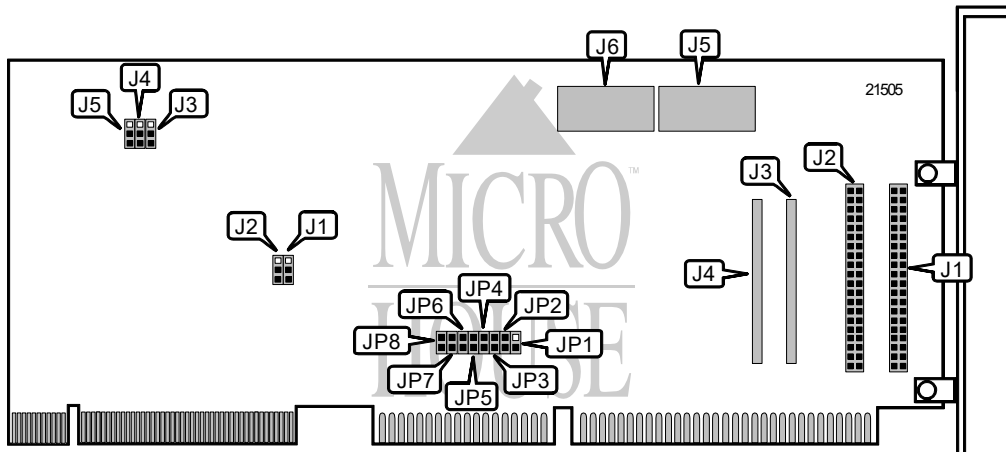


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OCTET CONDUCTOR

Card Type	Hard drive duplicator controller card
Hard Drives supported	One master EIDE/IDE drive (eight target EIDE/IDE drives)
Floppy drives supported	None
Data Bus	32-bit VESA Local Bus
Card Size	Full length, full-height card



CONNECTIONS			
Function	Location	Function	Location
Primary connector to Octet Station via Cable1-IN	J1	Reserved connector - do not use	J4
Secondary connector to Octet Station via Cable2-IN	J2	Reserved connector - do not use	J5
Reserved connector - do not use	J3	Reserved connector - do not use	J6

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	J1	Pins 1 & 2 closed
í Factory configured - do not alter	J2	Pins 1 & 2 closed
í Factory configured - do not alter	J3	Pins 2 & 3 closed
í Factory configured - do not alter	J4	Pins 2 & 3 closed
í Factory configured - do not alter	J5	Pins 2 & 3 closed

IRQ SELECTION (SECONDARY)				
IRQ	JP1	JP2	JP3	JP4
10	Closed	Open	Open	Open
í 11	Open	Closed	Open	Open
14	Open	Open	Closed	Open
15	Open	Open	Open	Closed
Note: Users are advised not to change the default jumper settings.				

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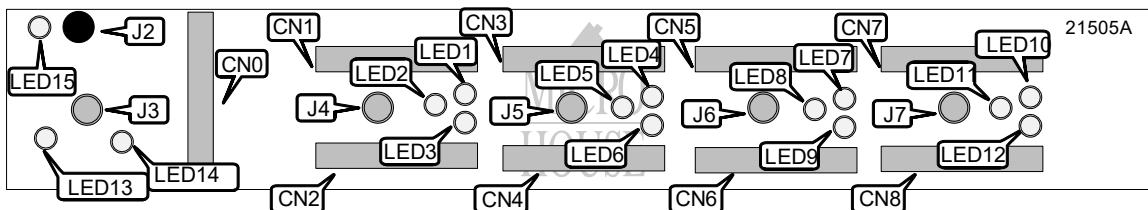
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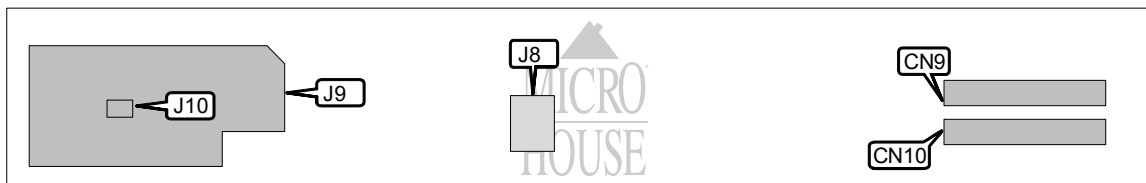
IRQ SELECTION (PRIMARY)				
IRQ	JP5	JP6	JP7	JP8
10	Closed	Open	Open	Open
11	Open	Closed	Open	Open
14	Open	Open	Closed	Open
15	Open	Open	Open	Closed
Note: Users are advised not to change the default jumper settings.				

MISCELLANEOUS TECHNICAL INFORMATION
The Octet Conductor controller provides the interface between host system and one Octet Station, where one master drive duplicates to eight target drives.

OCTET STATION



Octet Station Front Panel



Octet Station Rear Panel

CONNECTIONS			
Function	Location	Function	Location
Cable connector - master	CN0	Cable connector - CABLE1-IN	CN9
Cable connector - target1	CN1	Cable connector - CABLE2-IN	CN10
Cable connector - target2	CN2	Start/stop button	J2
Cable connector - target3	CN3	Power connectors - master	J3
Cable connector - target4	CN4	Power connectors - target	J4-J7
Cable connector - target5	CN5	Power switch	J8
Cable connector - target6	CN6	Power supply	J9
Cable connector - target7	CN7	Voltage selector	J10
Cable connector - target8	CN8		

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DIAGNOSTIC LED(S)			
LED	Color	Status	Condition
LED1	Green	On	Target drive 1 is active
LED1	Green	Blinking	Duplication error on target 1 or no hard drive 1
LED1	Green	Off	Target drive 1 is idle
LED2	Red	On	Power is on to target drives 1 & 2
LED2	Red	Off	Power is off to target drives 1 & 2
LED3	Green	On	Target drive 2 is active
LED3	Green	Blinking	Duplication error on target 2 or no hard drive
LED3	Green	Off	Target drive 2 is idle
LED4	Green	On	Target drive 3 is active
LED4	Green	Blinking	Duplication error on target 3 or no hard drive
LED4	Green	Off	Target drive 3 is idle
LED5	Red	On	Power is on to target drives 3 & 4
LED5	Red	Off	Power is off to target drives 3 & 4
LED6	Green	On	Target drive 4 is active
LED6	Green	Blinking	Duplication error on target 4 or no hard drive
LED6	Green	Off	Target drive 4 is idle
LED7	Green	On	Target drive 5 is active
LED7	Green	Blinking	Duplication error on target 5 or no hard drive
LED7	Green	Off	Target drive 5 is idle
LED8	Red	On	Power is on to target drives 5 & 6
LED8	Red	Off	Power is off to target drives 5 & 6
LED9	Green	On	Target drive 6 is active
LED9	Green	Blinking	Duplication error on target 6 or no hard drive
LED9	Green	Off	Target drive 6 is idle
LED10	Green	On	Target drive 7 is active
LED10	Green	Blinking	Duplication error on target 7 or no hard drive
LED10	Green	Off	Target drive 7 is idle
LED11	Red	On	Power is on to target drives 7 & 8
LED11	Red	Off	Power is off to target drives 7 & 8
LED12	Green	On	Target drive 8 is active
LED14	Green	Blinking	Duplication error on target 8 or no hard drive
LED12	Green	Off	Target drive 8 is idle
LED13	Red	On	Power is on to master drive
LED13	Red	Off	Power is off to master drive
LED14	Green	On	Master drive is active
LED14	Green	Off	Master drive is idle
LED15	Red	On	Octet Station is on
LED15	Red	On	Octet Station is off