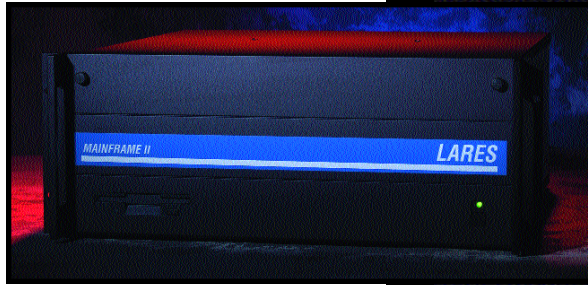


# LARES

The LARES Network Processor is an active hub that shares the same DSP core as the LARES Signal Processor and LARES Output Processor. Unlike these other

processors, the LARES Network Processor has no analog audio inputs or

outputs. Instead, it is equipped with six network jacks. It expands networking and signal routing capabilities to provide for the complex requirements of large LARES systems.



# LARES NETWORK PROCESSOR



## Specifications

### POWER

Power Consumption: <35VA  
Mains Voltage: 85-270V AC, 50/60Hz

### CONTROL PORTS

Control Port Inputs: 8  
Control Input Voltage: 0 to 4.5v  
Control Input Impedance: 4.7kOhms to +5V  
Control Port Outputs: 8  
Logic Output Voltage: 0 or +5V unloaded  
Logic Output Impedance: 440 Ohm

### WATCHDOG OUTPUT

Fail Safe Connector: Phoenix/Combicon connector.  
Opto Output Series Impedance: 220 Ohms (isolated)  
Opto Output Current: 14mA maximum  
Withstanding Voltage: 80V maximum (Off)

*All information in this document is correct to the best of our ability. However, we reserve the right to modify any product description or specifications without notice.*

### NETWORK

Network Connections: 6x RJ45 connectors  
Network cable length: 300m/1000ft maximum without fibre int.  
Led Indicators: Network Activity, Network Sync, Network Master, DSP Clip, Power.

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