

# CONTROLLER

## PRODUCT SHEET AND SPECIFICATIONS

# PROTONODE (MODEL G499)



### FUNCTION

Lencore's i.Net and n.FORM Solutions use the ProtoNode, pre-loaded with Lencore's System Manager web interface, to control the networked solutions. The ProtoNode offers exceptional features, solid construction, plus the ability to monitor and control the system from virtually anywhere.

Through the Protonode, you can access the networked systems from a local network, a virtual private network, through the internet, or directly through the Protonode user interface. The system's built in authentication features ensures that only authorized users can access the network.

The Protonode can serve as a gateway, providing local device monitoring and control. With the Protonode, the system can be connected, remotely configured, monitored and controlled from across the room or around the world.

The system is capable of performing complete diagnostics of all its functions including diagnostics of the network, nodes, DSPs, and amplifiers.

The system is also capable of reporting entire settings for each zone for masking, paging and music indicating volume, contour (1/3rd band octave equalization, parametric equalization), diagnostics, and groupings.

**The System Manager user-interface control can be used to:**

- Tune the sound masking system for volume, contour & equalization
- Create groups for masking zones, paging zones and music zones
- Control volume and equalization for paging and music
- Run diagnostics
- Set and change group settings for each OP and each sound masking channel
- Reset system to factory-set commands
- Reset system to last saved settings

### FEATURES:

- + Host the System Manager User interface for configuration and monitoring of all Operating Platform functions.
- + connects your devices allowing secure remote access for diagnostics, monitoring, alarming and configuration

### POWER REQUIREMENTS:

- + 9-30 VDC or 12-24 VAC

### ENVIRONMENTAL:

- + Operating Temp: -40 F to 167 F (-40 C to 75 C)
- + Relative Humidity: 5-90% RH, non-condensing

### DIMENSIONS:

- + 4.5"H x 3.2"W x 1.6" D

### AGENCY LISTINGS:

**BACnet Testing Labs (BTL) B-ASC Ver. 12**  
**LonMark 3.4 Certified - ProtoNode Series**  
**TUV Approved** to UL 916 EN 60950-1 EN 50491-3 and CSA C22-2 standards  
**RoHS Compliant**  
**DNP 3.0 Conformance Tested**  
**CE & FCC Approved**

V1.0

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