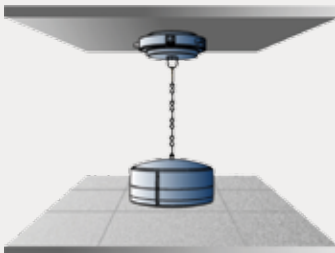


# PRIMARY POWER HUB

PNH-2P



## Installation

While otherwise identical to the Primary Network Hub (PNH-2), the Primary Power Hub provides an input that is used to connect a power supply to the system.

According to codes in most regions, a Class 2 power supply must be used with a sound masking system or the cable carrying power requires conduit.

Several Class 2 options are available for use with the LogiSon Acoustic Network. For more information, see the *Power Supplies* section of this catalogue or speak to your LogiSon Representative.

Primary Power Hubs are typically mounted to the deck or another approved structure within the ceiling and a loudspeaker is suspended from each one. The Primary Power Hub features communication technology, Digital Signal Processing (DSP) truly random masking sound generation, a 1/3-octave masking equalizer, a 1/1-octave paging equalizer, an amplifier, independent volume controls for masking and paging, and multiplexed paging selection. This high level of component integration eliminates the need for centrally-located audio equipment. The hub also performs unique power and loudspeaker monitoring functions. In addition, the Primary Power Hub provides an input that is used to connect a Class 2 power supply to the system with plenum-rated, 2-conductor cabling.

## SPECIFICATIONS

### Masking Performance

Sound Generation	Digital Signal Processor (DSP), truly random (nondeterministic)
Volume	35 to 85 dBA in 0.5 dBA steps + mute
Equalization (w/ PC)	1/3-octave, 23 bands, 63 to 10,000 Hz
Preset Contours	50 preset options; customization of each band

### Paging Performance

Zone Configuration	Zone 1, 2, 3 or none
Volume	35 to 85 dBA @ 1 m in 0.5 dBA steps + mute
Equalization (w/ PC)	1/1-octave, 8 bands
Preset Contours	50 preset options; customization of each band

### Timer Performance

Zoning and events set using Network Control Panel or Acoustic Network Manager Software

### Components per Hub

Number of SNH-1	0 to 2
Number of Loudspeakers	1 to 3

### Connections

Power Input	2-pin
Network Input	6-pin
Network Output	6-pin
SNH Output	2-pin x 2
Loudspeaker Output	2-pin

### Cabling

PNH to PNH	CA6 series cable
PNH to SNH	CA2 series cable

### Power

Input	30 Vdc
Consumption	3.6 W at typical settings; 6.4 W at maximum settings

### Integrated Amplifier

5 W

### Physical Specifications

Dimensions (W x H)	13.0 x 4.5 cm; 5.1 x 1.75 inches
Enclosure	Plenum-rated resin
Color	Off-white or charcoal grey; custom colors available *White available for use with LA-IOP (not plenum rated)
Weight	0.2 kg; 0.4 lb

### Mounting

Flexible mounting options; see *LogiSon® Installation Manual*

### Security

Physical	No physical controls
Electronic	Monitoring of communication, power and loudspeakers

### Warranty

5 years; see *LogiSon® Product Warranty* for details

### Certifications

Meets UL, FCC and CE standards and is approved for use in air-handling plenums; RoHS compliant