

PRIMARY POWER HUB

PNH-2P



Power

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.



The Primary Power Hub is also available in charcoal grey.



While otherwise identical to the Primary Network Hub (PNH-2), 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.

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 a power input.



SPECIFICATIONS

Masking Performance

| | |
|----------------------|---|
| Sound Generation | Digital Signal Processor (DSP), truly random (nondeterministic) |
| Volume | 35 to 85 dBA @ 1 m in 0.5 dBA steps + mute |
| Equalization (w/ PC) | 1/3-octave, 23 bands, 63 to 10,000 Hz |

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 |

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 | 30VDC |
| 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 | White or charcoal grey |
| 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, CE, ACMA (C-Tick) and FCC standards and is approved for use in air-handling plenums; RoHS compliant