The Primary Power Hub is also available in charcoal grey.

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

#### 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.

#### 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**: 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**: 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

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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.