



Installation

Primary Network Hubs are typically mounted to the deck or another approved structure within the ceiling. A loudspeaker is suspended from each one, as shown above.

In open ceilings, an attractive braided steel cable can be used rather than the standard chain. For more information, see the *Open Ceiling Loudspeaker* section of this catalogue or speak to your LogiSon Representative.

Primary Hubs are connected to the Network Control Panel in series and each one is automatically assigned a unique operating address during system start up. The panel uses these addresses to communicate with the hubs, allowing the administrator to program the zoning and output variables for individual loudspeakers.

Primary Network Hubs are typically mounted to the deck or another approved structure within the ceiling and a loudspeaker is suspended from each one. The Primary Network 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.

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

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