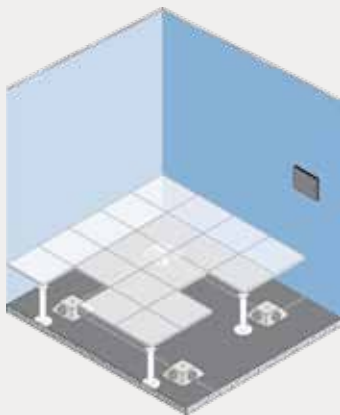




i The LA-ILP model is designed for use in low-profile plenum installations. However, it can also be used under raised flooring.



An overhead view of the LA-ILP showing its four drivers, plenum-rated cable connection and central mounting hole.



Under Floor Installation

The LA-ILP can be installed in a grid-like pattern beneath a raised floor. However, because installing in this location significantly compromises a sound masking system's performance – and rules out using the system for paging/music distribution – it should only be considered if the client absolutely cannot install their system in the ceiling space. If no other option is available, only the LogiSon Acoustic Network will provide the tuning flexibility and ease of future reconfiguration these installation conditions demand.

A loudspeaker is connected to a hub and used to broadcast masking, paging and/or music. The LA-ILP model has been engineered for underfloor and low-profile plenum installations.

Four 3-inch, full-range drivers (100 to 8,000 Hz \pm 6 dB) are mounted at 90 degree angles for uniform 360° masking dispersion. The drivers are directed 53 degrees from vertical in order to avoid the creation of standing waves and maintain more localized sound distribution compared to horizontally-directed drivers.

The speaker is housed in a durable, sealed steel enclosure that may be bolted directly to the ceiling or floor deck. In underfloor applications, the loudspeaker may be secured to the raised floor support. Four rubber feet prevent vibration from transmitting to the floor deck.

SPECIFICATIONS

Audio Performance

Masking Output	87 dBA maximum
Paging Output	87 dBA maximum

Driver Specifications

Frequency Range	100 to 8,000 Hz \pm 6 dB
Dimension	7.6 cm; 3 inches
Power Handling	10 W (RMS)
Sensitivity	84.2 dBA @ 1W / 1m
Magnet Structure	58 g; 2.05 oz
Impedance	16 ohms

Connections

Loudspeaker Input	2-pin
-------------------	-------

Cabling

Loudspeaker to Hub	Integrated cable assembly
--------------------	---------------------------

Physical Specifications

Dimensions (W x H)	21.6 x 8.1 cm; 8.5 x 3.2 inches
Enclosure	Metal
Color	White
Weight	1.72 kg; 3.81 lbs

Mounting

	Bolted directly to the ceiling or floor deck
--	--

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
--	--