

# LOW PROFILE LOUDSPEAKER

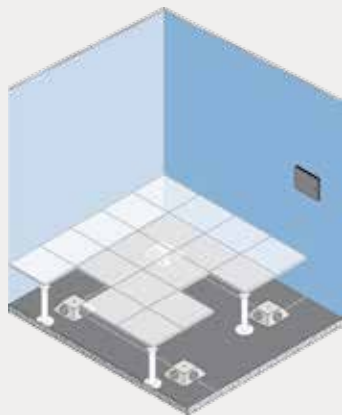
## LA-ILP



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 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 <i>LogiSon® Product Warranty</i> for details |
|--|---|

### Certifications

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