



# Sound Masking for Workplaces with Raised Access Floors

## Is Under-Floor Sound Masking the Right Choice for My Workplace?

Raised access floors have emerged as a smart solution for workplaces looking to house power, data, telecom, HVAC, and other building services below floor level for easy access and modification. **Floor cavities are also an excellent spot to house sound masking speakers.** In fact, under-floor sound masking can often be **less expensive** and **more effective** than traditional above-ceiling or above-ceiling sound masking solutions.

## Why Sound Masking?

### Lack of workplace speech privacy negatively affects:

- **Comfort:** Lack of speech privacy is the primary driver of worker dissatisfaction in the open office.
- **Productivity:** Employees are interrupted by speech once every 11 minutes and waste an average of 21.5 minutes a day due to conversational distractions.
- **Security:** 53% of employees report having overheard confidential company information at the office. The lack of speech privacy can result in compliance and legal concerns when workers are discussing private customer information such as finance or healthcare records.

Sound masking helps fix speech privacy problems in the workplace. By adding a specially engineered airflow-like noise into the workplace, sound masking covers up speech noise and renders it unintelligible – and therefore less distracting – for unintended listeners over 15 feet away. This makes the workplace more comfortable, productive, and private.

## Benefits of Under-Floor Sound Masking

- Lower installed cost compared to typical ceiling plenum sound masking and open-structure ceiling plenum because fewer speakers are required.
- Delivers sound masking coverage closer to the sources of conversations distractions than overhead masking.
- High performance and very uniform sound distribution within 2 decibels.
- More effectively covers speech conversation that may pass through raised floor supply air openings.
- Speakers are individually secured to the raised access floor system without interfering with ongoing cable management.
- Removes masking components from crowded and often difficult to access ceiling plenums.



# The DynasoundPro Under-Floor Solution

- **First and Best:** DynasoundPro under-floor sound masking solutions have been in use since 1982 in millions of square feet of office space. Our acoustical experts invented and pioneered the technology and offer the only truly effective under-floor sound masking solution.
- **Small, powerful speakers:** The DS1398 speaker has performance-engineered dual drivers with tuned ports well-suited for sound masking and produce uniform 360-degree dispersion. It can fit in floor cavities as shallow as 1¾".
- **Full network control:** The DynasoundPro network system is the only sound masking solution that allows every individual speaker to be controlled and tuned remotely via software. This means workplaces can be changed and re-configured without entering the floor and moving the speakers.



The DS1398 low-profile under-floor speaker

## Partial Customer List



DAIMLER



HAWORTH



*"The DynasoundPro Under-Floor sound masking system was the perfect solution for adding sound masking to our office. Now we have much fewer noise distractions with this invisible solution. We liked the system so much we've installed it in our New York, London, and Hong Kong offices."*

– Daniel Pontecorvo, Facilities Engineering and Management, Jane Street Group, LLC