



Clyde & Co

Oxford



Primary objective

- Speech privacy

Product used

- LogiSon sound masking

Scope of work

- Client meeting suite

Law firm Clyde & Co in Oxford required their client meeting suite to be highly flexible, with complete privacy during confidential discussions.

The space needed to have individual client confidential meeting rooms where they could meet with their lawyers to discuss their cases in strict privacy, and also be capable of holding large events for their clients.

To achieve these two functions the design team created the client meeting rooms from sliding glazed and solid partitioning walls that could be closed for the private meetings and then quickly opened to create a large open space for the next event.

To ensure complete confidentiality the design team engaged Acoustic Comfort to design, install and commission the LogiSon Sound Masking System, which manages the ambient noise level in the space to create completely private client meeting rooms.

The installation and commissioning of the LogiSon system was affected overnight without the client being aware of its introduction into the design.



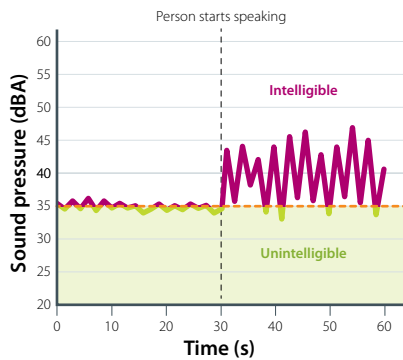
Sound level tests

Illustrative tests

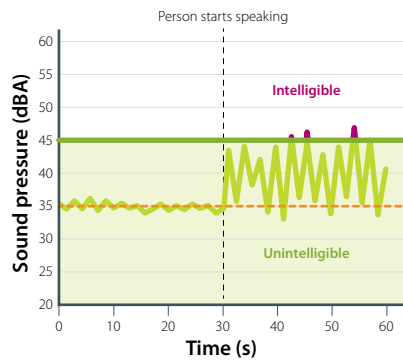
These example test results measure sound leaking from a closed meeting room into an open plan area.

- For both tests, a person was positioned in the conference room with the door closed.
- Sound pressure measurements were taken in the open plan area.
- For the first half of each test, there was no speech.
- For the second half, the person in the conference room spoke with a 'presentation' voice.

Before treatment



After treatment



How sound masking works in closed offices

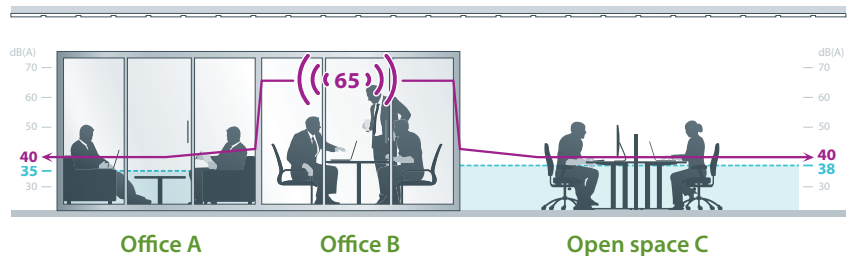
The problem

Low background noise level

Noise coming from office B is distracting people working in adjoining spaces A and C.

Background noise is measured at 35dB(A) in office A and at 38dB(A) in open space C. Measured sound levels in office B are recorded at 65dB(A) and can be heard in adjoining office A and open space C at 40dB(A).

Without sound masking



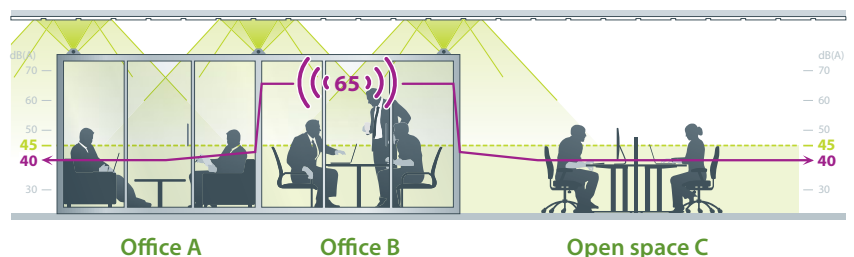
The solution

Raise the background noise level

To prevent conversations from being overheard the background noise level in A and C must be higher than the disruptive noise coming from office B.

Adding sound masking raises the background noise level in A and C to 45dB(A) which is just high enough to make conversations from B difficult to hear and therefore less distracting.

With sound masking



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