

MASK UNWANTED NOISE

Sound masking is not a new concept but technology has changed considerably over 30 years and as the distributor of Lencore Acoustics Corp, Acoustix has access to the world's leading sound masking, paging and music systems.

Creating the right acoustic environment will increase speech privacy and comfort.

SPEECH PRIVACY & CONFIDENTIALITY

For many businesses speech privacy and confidentiality is essential; often it is a legal requirement. By raising the background sound in the area of the "listener" conversations are masked. The degree of speech privacy is usually referred to as Privacy Index (PI) on a scale of 0 - 10 where a PI of 8 or more is considered speech-private. Acoustix has worked with many companies to ensure levels of speech privacy, often the solution is provided post fit-out where expected levels have not been achieved by the originally specified partitions.

COMFORT & PRODUCTIVITY

Open plan environments have their own challenges. Distracting and noisy colleagues can reduce productivity, cause stress and fatigue. Studies have shown that by improving acoustics in the open plan office, productivity can increase by up to 15%. By raising the background sound in an office, the range for clear speech can be reduced from 15m to 5m, meaning that collaboration with nearby colleagues is unaffected but noise from more distant phone calls and conversations is masked.

BENEFITS BY BUSINESS SECTOR

Financial & Legal

*Client privacy and confidentiality
Comfort in open plan areas*

Clinical and medical

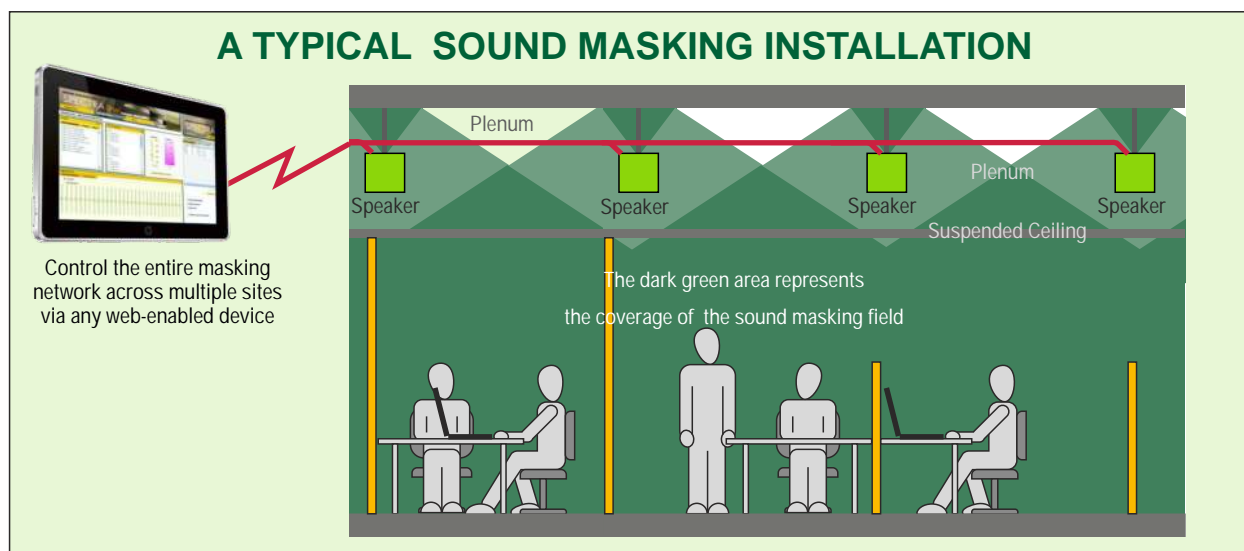
*Speech privacy
Comfort improving sleep and recovery times*

Call centres

*Data protection
Improved comfort and productivity*

All businesses

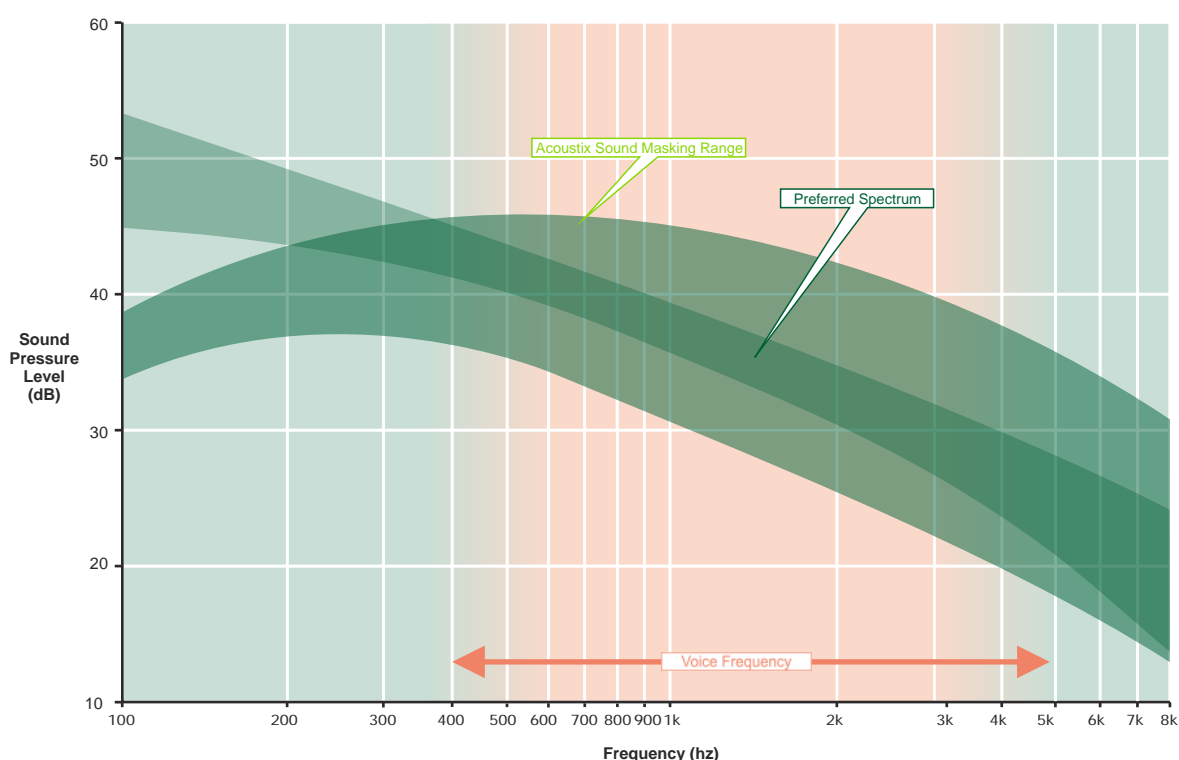
*Reduced construction costs
Reduced dilapidation costs
Improved productivity and staff wellbeing.*



SOUND MASKING SHOULD MAKE NO NOISE

The sound used for sound masking is not dissimilar to that of rushing air. The Lencore systems are carefully tuned to the human audible frequency spectrum. The sound is random, so that it does not cause any stress or fatigue, and each area of an office can have its own level to account for the types of activity encountered in different departments.

The human ear is designed to hear sounds in the human voice frequency range, roughly 250hz to 3000hz but the ear can detect frequencies from as low as 25hz to as high as 20000hz. Sound masking is designed to be pleasant across the whole frequency range and not be a cause of further distraction. Timer functions allow for changes in activity levels throughout the working day.



SOUND MASKING AND COMPLEMENTARY PRODUCTS

Often sound masking is only part of the solution. Acoustix experts will advise on the best solution or combination of solutions to suit the situation using complementary sound absorption and sound blocking products.

FIT OUT AND CONSTRUCTION COST SAVINGS

Acoustix can demonstrate tangible cost savings in relation to construction materials, dilapidation costs and flexibility. Through advice at the planning and design stage potential problems and expensive remedies can be avoided.