



Sound Management

If what you hear matters

Better results

Pleasant work surrounding

Increased productivity



A number of employees positioned together in an open office such as call centres or insurance departments, create interfering or disturbing speech noises. In most cases this intrusion on the acoustic privacy of the employee results in a loss of concentration. Performance slackens as this 'cacophony' is experienced and is ultimately disturbing. The result is that errors are made, employees are more stressed and an increase in sick days could occur.

STI Sound improves the well-being and efficiency of each workstation within an office surrounded by disturbing speech.

If what you hear matters



Improving workstations in offices by means of sound masking is increasingly heard of



Open-plan offices

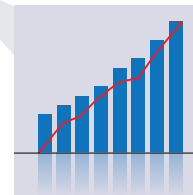
In the contemporary office, it is increasingly uncommon for an employee to have an individual screened-off workstation. They work in a large area jointly with a number of colleagues. The choice for an open-plan office is justified based on technical, communicative and economical aspects. However, it introduces a number of disturbing speech noises which adversely affect individual performance. These sounds are best be countered with sound masking; a specially developed and tested technique to allow employees to function better by making their work surroundings more pleasant.



Acoustic privacy

When suppressing background noise, sound masking can create two different degrees of acoustic privacy: normal and confidential. Normal privacy reduces distractions while confidential privacy keeps others from understanding any conversations.

In both cases functional sound, which complies with international standards such as ANSI, ASTM and ISO, is added to the sound in the area. A pleasant sound which is based on the full frequency range of the human voice.



Improved productivity

Sound masking is not an anti- or counteracting sound, but a discreet, harmonious sound without information. As a result, discussions by other employees will not be distracting. The system produces a sound that resembles the sound of a whispering light breeze. Employees experience this to be pleasant and it ensures they are no longer disturbed by surrounding noise. As such they will not be easily distracted and this is advantageous in all respects.



Innovation and technique

The STI Sound - sound masking systems cover all requested frequency spectra and can be individually adjusted either per frequency or per zone by means of a unique calibration system (patent applied for). Sound peaks resulting from a different number of employees in the office during the day can as such be adequately absorbed. The specially developed Adaptive Volume Control (patent applied for) fits the sound masking system to the activity sounds fully automatically. By means of this innovative sound masking technique, STI Sound ensures an inspiring work environment, at all times and in all areas.

Privacy is a greater good which we need to cherish. Privacy does not only play an important role in legal professions or notary offices, but also in the medical field. Doctors, specialists, healthcare-takers, etc. are handling confidential information on a daily basis. It is improper if persons in the waiting room can overhear conversations held in the doctor's office. In this surrounding sound, specifically speech should be masked. The same applies to conference rooms at insurance companies, banks, accountants, etc. After all, it should not be that sensitive information is headline news in the morning newspaper the next day.

STI Sound masks undesired sounds, resulting in an office where employees can work effectively and without being disturbed

If what you hear matters

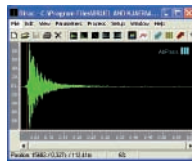


STI Sound protects the privacy, by preventing overhearing of confidential discussions



Safe from directional microphones

Apart from general masking techniques, we have applications for specific target groups as well. As such, STI Sound can ensure that discussions cannot be overheard by directional microphones. We fully insulate an area for this purpose. Director's offices, board rooms and court rooms are good examples.. Various American authorities, such as the FBI, have accepted secure sound with open arms and have drawn up legislation for this purpose.



Brüel & Kjaer sound measuring

The investment for a sound masking system can fully be substantiated by means of sound measuring and measurement reports. For this purpose STI Sound makes use of DIRAC software of the well-known Brüel& Kjaer organisation, which is the ultimate standard in the industry.



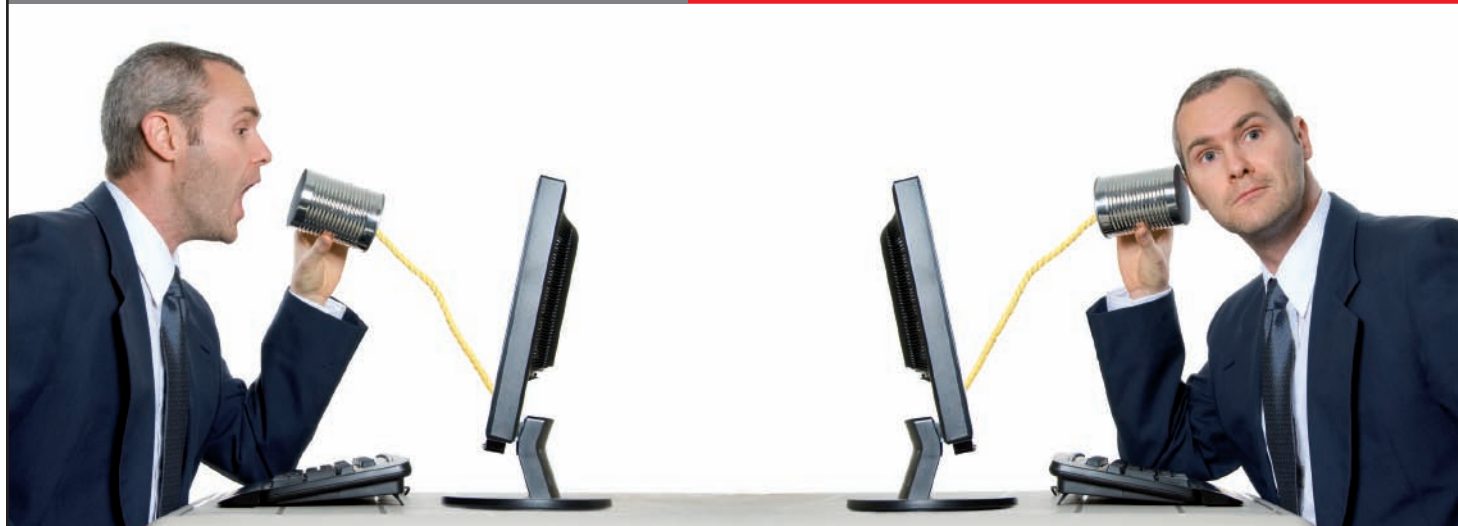
Better communication

STI Sound (STI: Speech Transmission Intelligibility) is the specialist in speech audibility and offers solutions for specific (work) surroundings and office areas. Digital sound processors, equalizers, amplifiers and speakers are used for this purpose. An adequate cable distributes a signal as well as power from one or several central units to the speakers, which are positioned behind the ceiling systems of the office areas. Each area is wirelessly adjusted by means of real-time software. STI Sound ensures a better communication at all times.

In large-scale buildings it is of utmost importance that people in the building can receive clear information. This does not only refer to emergencies, but to logistic messages for employees and visitors as well. Institutes and airports know this in detail. They also know how troublesome it can be to fight noise pollution at workplaces. One of the most important conditions for a pleasant work situation. Distribution of information by means of public address or paging systems is usually not the problem. Eliminating background noise in offices and specifically in open office areas often presents a problem. But not for STI Sound. By integrating both functions in the public address or paging system, workplaces can be optimised.

STI Sound reduces or improves the effect of a number of sound resources by remote control

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By means of the STI Sound innovative sound management systems manufactured, you will either hear the sound very well or not at all



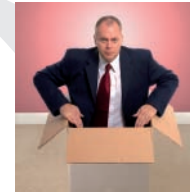
Distribution of sound and music

Apart from masking sound or insulating areas, STI Sound can also ensure amplification or distribution of speech and background music. The sound masking system is then combined with a public-announcement or music system. A technique which is applied if changing multi-sound sources on various locations are required.



Calamities

In (public) buildings the public-announcement systems as well as the evacuation systems are to be clearly audible. During calamities, instructions as well as information on escape routes should be broadcasted. A perfect solution for large buildings such as hospitals, departure halls of airports, office apartments, etc. With an inferior installation you are at risk to be held accountable for informing the people insufficiently.



Hidden and mobile

Sound masking and broadcasting systems should not interfere with the architecture of the interior. STI Sound will ensure a nearly invisible installation in or behind the ceiling system. Sound masking ensures better performances in a very pleasant working climate and better communications within buildings. The additional advantage is the fact that the entire system can be easily removed for installation on a new location.



Measuring is knowing

Upon request STI Sound could ensure sound tests, implemented on the basis of Brüel & Kjaer software. Following the installation of the entire system, our own specialists will use specially developed software to minutely align the system. The periodic maintenance will be agreed upon in due consultation. This is applicable to the delivery of the software and installation as well. If required, intervening alignment of the system will be conducted. Specially developed diagnostic software will be included as a tool. By means of this tool you can monitor the technical status of the system yourself.

STI Sound offers an optimal work surrounding on the long-term as well

Investment proposal

Your order will be in goods hands at STI Sound, from the beginning to the end. Following the analysis of the areas and applied materials or equipment, a system design as well as a clear investment proposal will be prepared. Upon request a visit to completed projects can be made and explained. The installation and fine-tuning of the system will follow your approval of this proposal.

This sounds well: 5 year guarantee

Reliability above all. This is why STI Sound offers a five year manufacturing guarantee on all its systems and one year guarantee on all services provided. Service and maintenance agreements are integrated in all our quotations. As such you will be ensured of the optimal functioning of your systems for many years.

Quality as top priority

We represent reputable manufacturer's brands from Canada, the United States of America, the United Kingdom and Germany. The combination of own software tools and our specialist knowledge does not only offer solutions with a high return, the financial advantages will also be music to your ears.

Would you like to hear more?

Please do not hesitate to call us via + 31 (0)26 3120817. We are available on all weekdays and look forward to receiving your request. Naturally you are welcome to visit our website www.stisound.com as well!

STI Sound
Specialists in innovative
sound masking techniques,
public-address systems and
evacuation systems.

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