

Smart Garden Office - Sonic Scopes

Try it now!

Walk from one speaker to the other and listen how the sound will move according to your position.

WHY conduct this project?

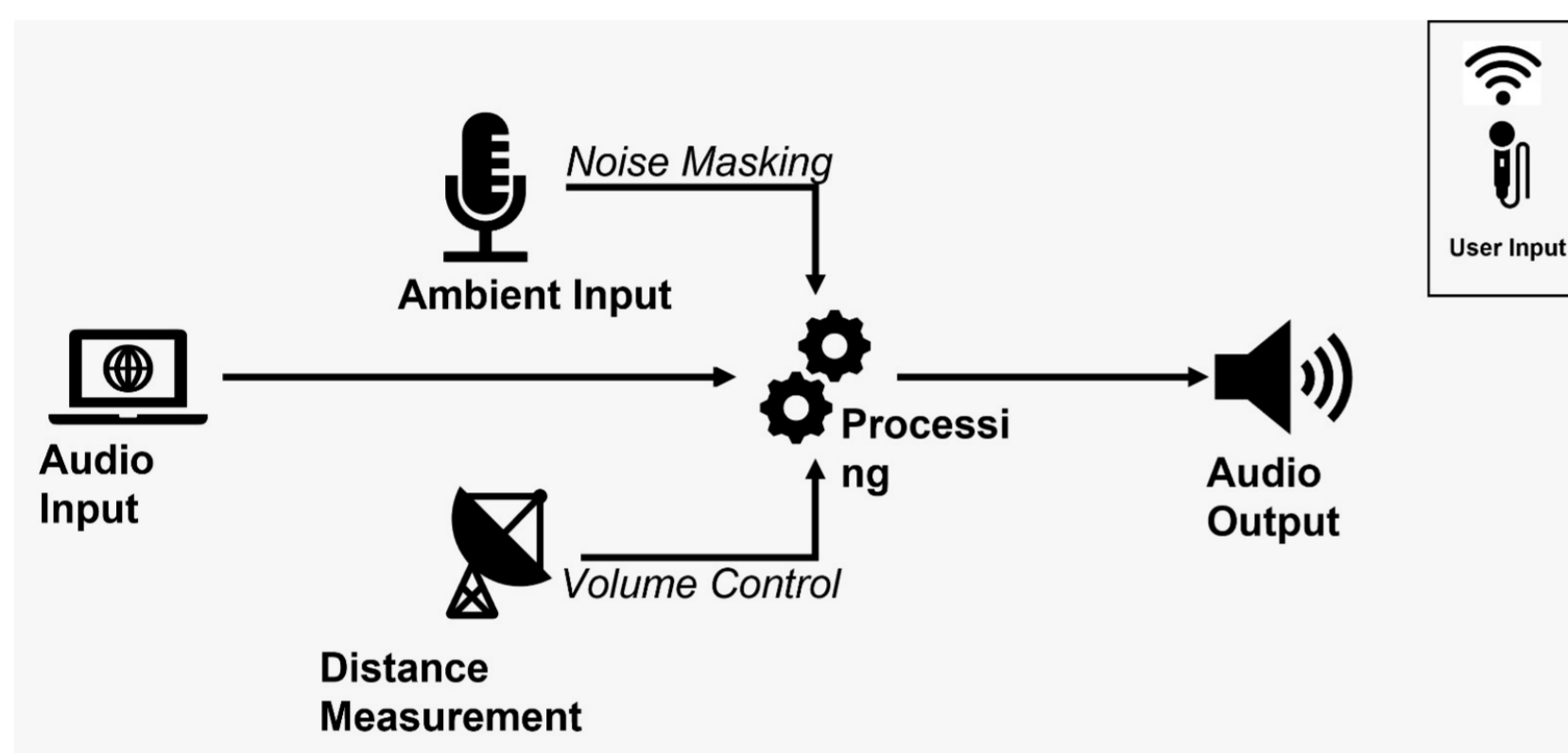
We spent the majority of our working hours seated.

This has not changed a whole lot with “home office” on the rise.

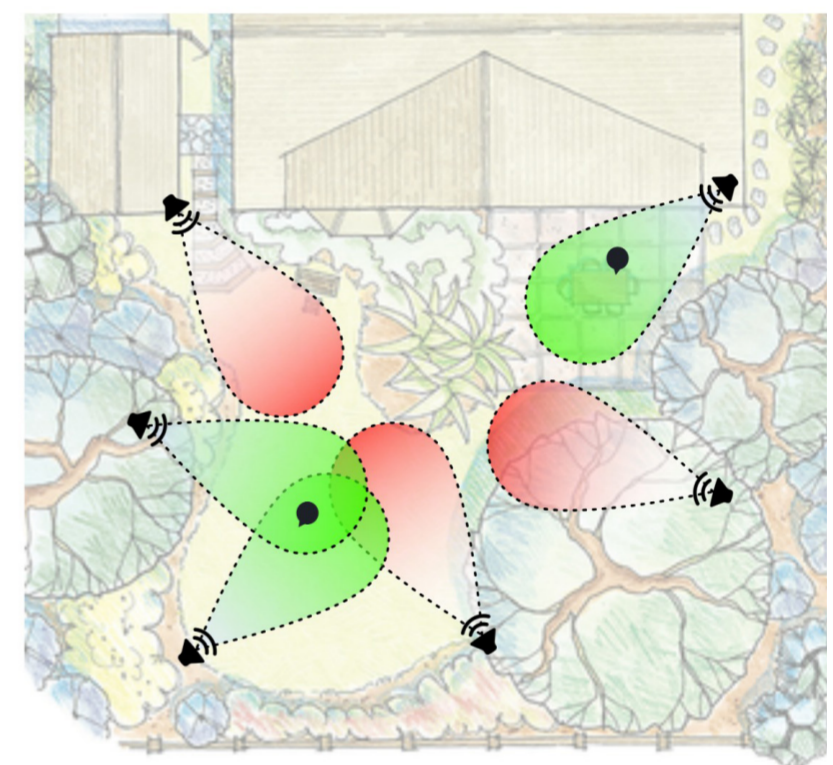
Research has shown that physical and mental wellbeing is pivotal for productive work. Mundane office tasks can feel less straining, and long meetings can seem more engaging, when you are able to move freely in a GARDEN OFFICE, without staring at the screen for hours.

With this project, we want to help people work productively in new types of work environment, including gardens. Environments can be chosen based on their healthiness, inspirational beauty, proximity to nature, or for other reasons.

While the project sets off with a focus on remote work, other office tasks or educational goals may also be supported in the future.



Signal Flow Diagram of Sonic Scope.



Speaker placement around the garden area.

WHAT are the outcomes and tools you can use?

“Sonic Scopes” explores new behaviours and opportunities at work when people use sound as a basis for new technologies. By contrast, traditional IT solutions are primarily vision-based, with the screen being a central element. However, having to gaze at a laptop or desktop screen immobilizes the user. With sound-based solutions, users become more flexible and can better attend their environment.

A multi-speaker setup provides a dynamic sound field, based on the user’s position and current acoustic needs. Audio is not played continuously from all speakers, as this would contribute to noise pollution and energy costs. Instead, the sound is played only from the speaker(s) in the user’s vicinity. The user’s position and motion is tracked via radar.

WHOM to contact?

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