



ECHOES

OBJECTIVES AND CONCEPT

Echoes is an installation that promotes sustainability in an interactive way.

The way in which I did this was to have an auditory trace of people walking through the staircase. By having a microphone playback an artificial echo of the sound within the stairwell. This transformed the stairwell into an interactive experience, this would encourage people to use the stairs and not the elevator.



LOCATION

The location of Echoes was critical to the success of this installation. I chose the the stair well near the first year work shop. The reason for this was that the stairwell had good acoustics and a slight echo of its own.



TESTING

Here are a few tests I conducted in the space.

- An early sound recording of the stairwell.
- An echo test recorded within the lab.



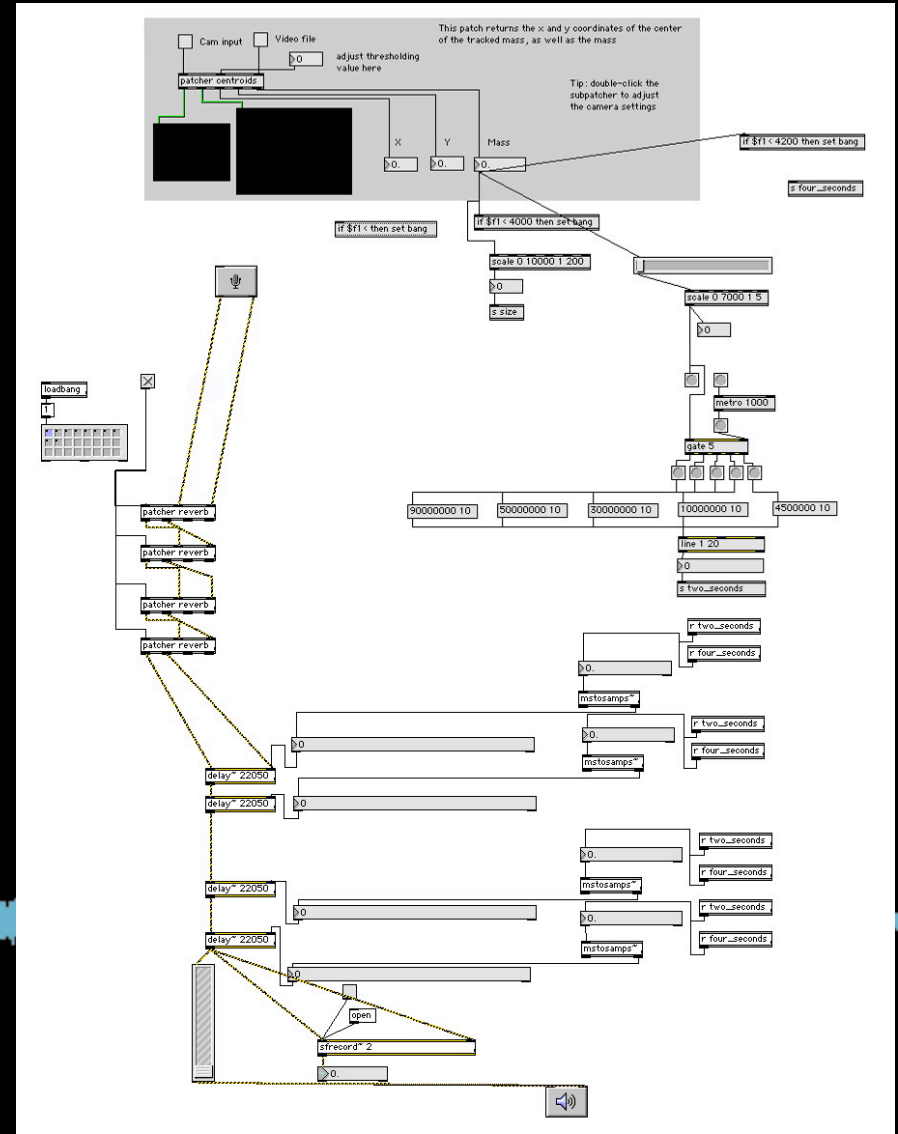
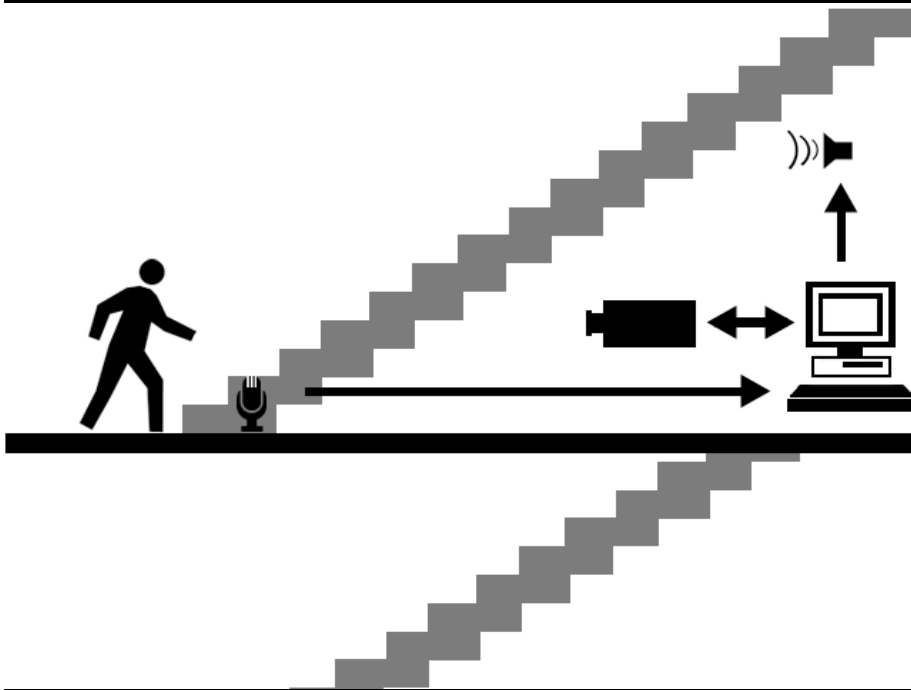
HOW IT WORKS

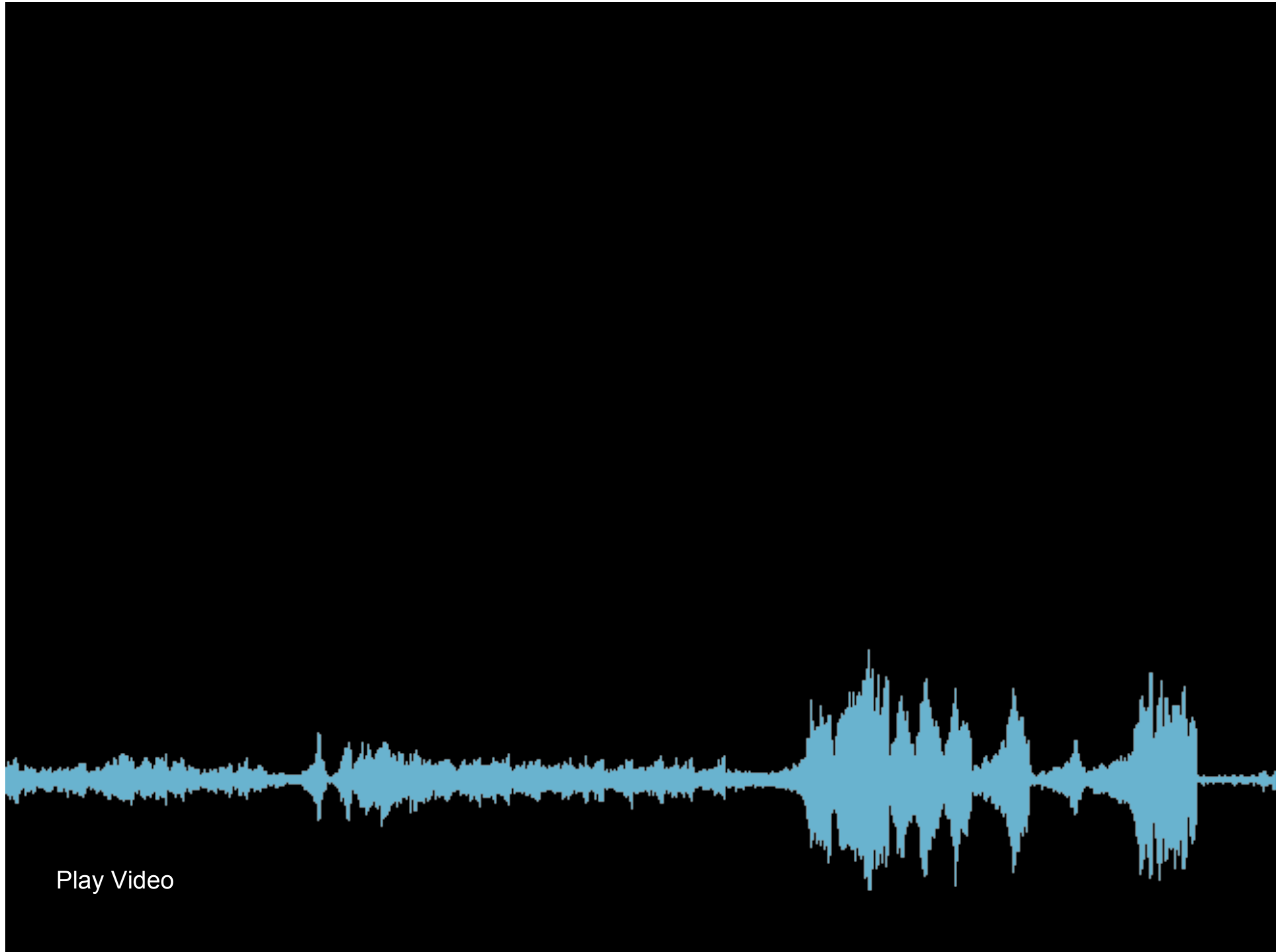
As the user steps into the space, a camera sends a message to the patch that delays the audio play back depending on how close to the camera you are.

When the sound is played back to you it plays back an artificial echo.



HOW IT WORKS IMAGES





Play Video

CONCLUSION

Overall I was amazed to find out about what you could do to a stairwell to make it more atmospheric. Echoes promotes sustainability and defiantly makes the stairwell a much enjoyable and mysterious experience.

