

Ticker Experiment – Participant Information

First, *thank you* for volunteering to participate in our study.

Requirements for participation in this study:

1. You are a member of the University.
2. You have stereo hearing.
3. You are fluent in English (you do not need to be a native speaker).

Purpose: The purpose of the experiment is to test the plausibility of stereo sound applied to an audio keyboard interface. **We are not evaluating your individual performance.** *However, it is very important you try to do your best in the experiment.*

The experiment is structured into a single session with two parts.

1. Tutorial part. Length: 30 min.
2. Testing part. Length: less than 1.5 hours.

In the tutorial part we will interactively teach you how to use the system we are testing.

In the testing sessions we will ask you to write words by selecting their individual letters from audio files. We will use a headset to play the alphabet to you, and each letter that has to be selected will be showed to you on the screen. You can then select a letter when you hear it by pressing a key on the keyboard. Different voices will read different parts of the alphabet at different audio locations. For example, “Pete” will read “a”-“i” in your left ear, while “Susan”, almost simultaneously to “Pete”, will read “v”-“z” in your right ear. The main goal of the experiment is to determine if letters can be accurately identified when playing the alphabet using multiple audio channels.

If you for whatever reason want to withdraw for the study please contact the supervisor immediately. *It is your right to withdraw at any point from the study.* **If you feel any strain or other discomforts** during your participation **contact the supervisor immediately.** *You have a right* to be informed about the results arising from the study. If you are interested in the results, please inform the supervisors.

Supervisors:

Dr Emli-Mari Nel

In case of any questions, rebooking or other inquires and matters, please contact Emli-Mari Nel: en256@cam.ac.uk, phone number: 01223 339852.