

Response Tablets

Overview

Using our custom tablet software, researchers can sequence the presentation of questions to audience members and collect responses in real-time. As the researcher, you can control the content delivered, and synchronize the questions to stimuli you present (e.g., sounds or visuals). Synchronization can be controlled by any computer, or via OSC commands from audio/visual equipment. The tablets are designed to be user friendly, and demonstrate our commitment to environmental sustainability by eliminating the use of paper questionnaires. Data analysis is also simplified as collected data is already in electronic form, eliminating transcription errors.

Researchers must supply a full outline of content to be displayed. We encourage researchers to include an introduction and sample questions to familiarize the participants with using the response tablets.

The software supports a variety of question types including multiple choice, single choice, text answers, slider, timed response, tapper, yes/no, and drop down selection.

Our staff will assist in reviewing a research design to ensure you get the most out of your LIVELab experience.

All research conducted in the LIVELab is subject to appropriate ethics approval and secure data handling.

Research Examples

- Obtaining participant consent and demographic information
- Behavioural data collection from audience members via surveys
- Synchronized data collection from multiple individuals
- Displaying content such as still images or videos
- Triggering the interaction of responses (such as the average slider position) with other technologies that affect stimulus presentation



Technical Specifications and Software Output

- Model: ASUS Nexus 7
- OS: Android 5.1.1
- Quantity: 80
- Surface: 7" touch screen
- Resultant files: .csv, MySQL Database

Technical Synchronization

All technologies included in the LIVELab are built to interact with each other.

Frequently Asked Questions

What is the typical response time?

This varies between 20ms-250ms depending on conditions.

Can researchers/clients upload other android applications or software to the tablets?

Please speak with our technical staff. While this is possible, we prefer that researchers and clients make use of our proprietary software whenever possible. It is easy to use and in depth documentation exists on how to use it. This allows us to keep each tablet in a known state of research readiness. We are happy to evaluate the need for any additional software on a case-by-case basis depending on your research needs.