

Peripheral devices for MEG studies

Paper copies of some of the manuals (for much of the equipment in OHBA) are kept on the bookcase in the main OHBA office area. These manuals must always be returned to the bookcase immediately after use.

Response devices

fORP Optic Response Devices

There are fORP response systems, made by Current Designs, in the MEG. These are the same available in the MR suite. Both systems use the same style 932 fORP interface unit.

- 2x bimanual buttons (two buttons for each hand) [specs](#)
- 2x trackball with two buttons [specs](#)
- 2x joystick [specs](#)
- 2x bimanual grip-force transducers [specs](#)



fORP 932 key parts, left to right: interface box; bimanual buttons; trackball; joystick; bimanual grip force transducers.

Screen

- VPixx high frame rate projector (max 1440Hz)

Motion capture

- Optitrack V120: Duo

EEG

- Braincaps MEG: sizes ranging from 54 cm to 60 cm

Stimulation

- Digitimer constant current nerve stimulator
- Etymotic Reseach ER-30 Tubephone with SPL Crimson 3 audio transducers (< 3000Hz) and audio mixer

Other

- Eyesight correction lenses (-8 to 8 dioptre, 0.5 increment; usually good enough for mild astigmatism)
- Tektronix TDS 2014B Oscilloscope: This is often used to measure timing differences between stimulus presentation and triggers.