

4 Button Inline

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4-Button Inline Fiber Optic Response Pad used in fMRI and MEG computer research tasks

For the 905, 932 and Birch interfaces

All plastic construction





Details

Description

Current Designs' fMRI response pad is the perfect choice for computer response tasks used in the human brain mapping project. It is non-magnetic, non-electronic, and entirely made out of plastic, so will not add noise to the images or raise safety concerns in the MR/MEG room or similarly demanding environments. There is a less expensive, [non-MR trainer](#) available for this response pad for use outside the magnet room.

Specifications

- Handheld for the FIU-905, FIU-932 and Birch interfaces
- Four 0.42 in. (1.1 cm) colored round buttons (blue, yellow, green and red)
- Button travel: 0.070" +/- 0.010" (1.78 mm +/- 0.25mm)
- Peak force: 170g +/- 30g
- Nonlinear force/displacement curve for natural tactile feedback
- Inline pattern 1 in. (2.5 cm) button spacing center to center
- Rectangular enclosure 1.0 x 5.1 x 2.5 in. (2.5 x 13 x 6.4 cm)
- 10 foot long fiber pigtailed connector
- Active light levels for handheld identification and gain adjustment

What Else Is Needed

This handheld response device needs an electronic interface to function -- that converts the optical signals to standard computer interfacing signals. In most cases you will also need a long optical fiber extension bundle to allow this device to be used at a distance from the interface unit. Examples of the interface and bundle are shown below in the Related Products section.



This item contains no metal, nothing electronic, and nothing magnetic. It can be used safely in the magnet room.

More Information