

RESPONSEPixx /MRI™

MRI ergonomic response boxes



FEATURES

- ERGONOMIC DESIGN
- 100% PLASTIC USING FIBER-OPTIC COMMUNICATION WITHIN MRI/MEG ROOM
- TTL OUTPUTS ELIMINATE LATENCY INHERENT IN USB SOLUTIONS
- MICROSECOND-PRECISE RESPONSE TIMES WHEN USED WITH DATAPixx or VIEWPixx
- RELIABLE SOLUTION RECORDS ALL BUTTON PRESSES
- **CUSTOM LAYOUTS AVAILABLE**

OVERVIEW

There are 2 versions of our RESPONSEPixx /MRI line of reliable, ergonomic response boxes. The button box itself is 100% plastic and magnetically inert, making it compatible with MRI and MEG installations. A fiber-optic bundle carries the button states through the waveguide separating the magnet room from the control room. Once inside the control room, the fiber-optic signals are then converted to TTL signals. Plugging the TTL signals into a DATA-Pixx or a VIEWPixx will give you microsecond-precise response times, with a reliability that exceeds USB-based response boxes. Custom configurations are available.



www.vpixx.com

RESPONSEPixx /MRI SPECIFICATIONS

- Built of 100% plastic. Magnetically RF inert in the magnet room.
- Control interface has 25m (82 ft) of fiber optic cable. Can add a second fiber optic cable for a total of 45m (148 ft)
- Button response boxes available in two form factors:
 - 1) HANDHELD response box with 4 thumb buttons
 - 2) TWO HANDHELD response boxes with 2 thumb buttons each
 - 3) Custom configurations are possible

BUNDLE KIT



RESPONSEPixx /MRI DUAL HANDHELD

Bundle kit P/N: VPX-ACC-4900

RESPONSEPixx /MRI HANDHELD

Bundle kit P/N: VPX-ACC-4900



Dimensions:

5 x 14 x 2.1 cm (2 x 5.5 x 0.83 inches)
5 m (16.4 ft of fiber optic cable)



Dimensions:

14 x 10.2 x 3.5 cm (5.5 x 4 x 1.38 inches)
5 m (16.4 ft) of fiber optic cable

WHEN CONNECTED TO A DATAPixx

- Guaranteed microsecond-precise reaction time measurement
- Free TTL inputs are available for general purpose interfacing (eg: with GE scanner trigger output)
- Perfect synchronization to video refresh and DATAPixx inputs/outputs

*MAGNET ROOM
100% Plastic



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