

## RESPONSEPixx /MRI™

*Ergonomic MRI 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.

## 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-4910



#### 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



**VPixx Technologies Inc.**  
1494 Montarville suite 206  
Saint-Bruno, QC  
Canada, J3V 3T5

TEL/FAX: (514) 328-7499  
EMAIL: sales@vpixx.com

