

FMRI Response Pad

Specifically designed response pad for
use within the MR bore



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1 fMRI Response Pad

fMRI Response Pad

User Manual

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1.1 Contact Information

For Technical Support...

If you have any questions or problems, please contact Technical Support through any of the following routes.

If you live outside the USA or Canada, and purchased your system through one of our international distributors, please contact the **distributor** first, especially if your system is under warranty.

In all other cases, please use **techsup@neuroscan.com**, or see the other Support options on our web site (<http://www.neuroscan.com>).

Or, if you live in the USA or Canada, please call **1-800 474-7875**. International callers should use **877-717-3975**.

For Sales related questions, please contact your local distributor, or contact us at **sales@neuroscan.com**.

THE FMRI RESPONSE PAD IS INTENDED FOR RESEARCH USE ONLY. READ THE INSTRUCTIONS CAREFULLY BEFORE USE.

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8382A FMRI Response Pad

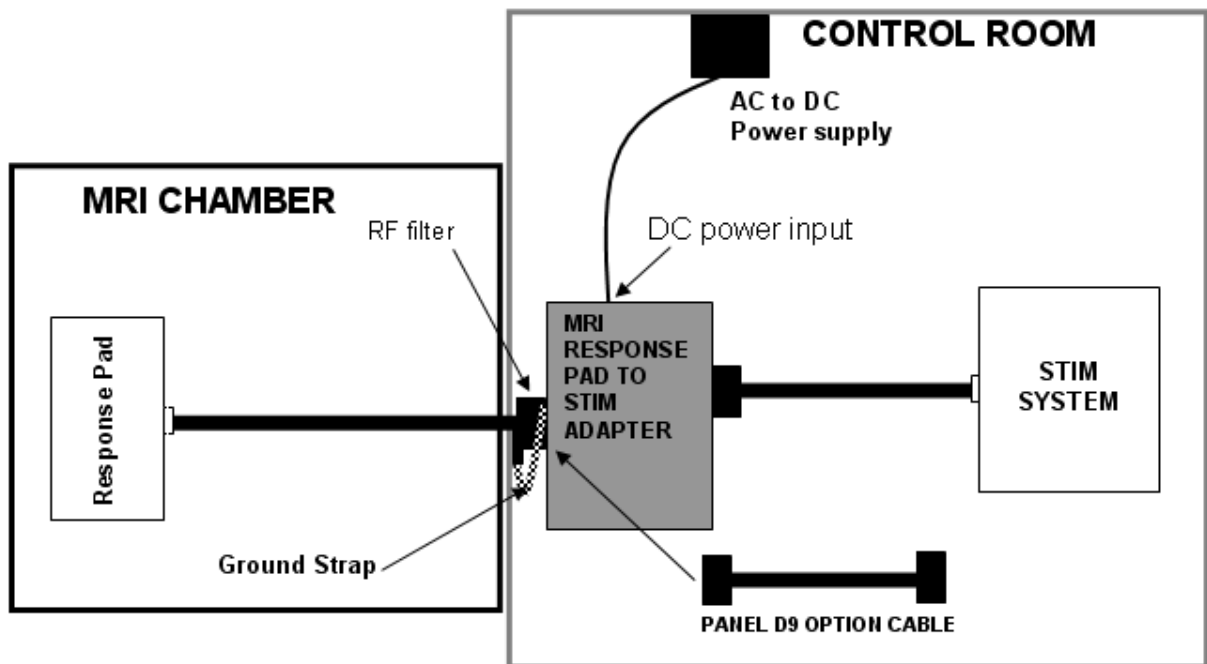
2 General Information and Installation

fMRI Response Pad

If you purchased a *Stim*² system to interface with a MagLink RT system, you will have received a 4-button response pad that was designed for use within the magnet. The response pad has been used safely in magnets up to and including 3T. In addition to the response pad itself, there is an Adapter with a built-in RF filter. This filter will prevent control room RF sources from coupling onto the cable and out to the Response Pad. This means it is best to locate the Adapter at the control room side of the waveguide and use the ground strap to connect to the Faraday cage ground or to earth ground. The unit is powered by an AC to DC power supply.

An optional D9 Panel cable is included to allow the Adapter to be wall mounted or connected through the control panel by connecting the cable between the Adapter and the control panel. This is useful in facilities where the Adapter cannot be mounted to the control panel. This optional cable also has a built in RF filter.

Installation of the fMRI response pad is as shown.



For additional information regarding the use of the fMRI Response Pad with the *Stim*² program, please refer to the *Stim*² manual.

For basic wiring information about the Response Pads in general, please refer to the *STIM Audio System Response Input Interface Guide* (Appendix at the end of the *Stim*² manual).