



# SOUNDPIXX



- Complete MRI / MEG solution
- Pneumatic headseat and transducer
- True stereo audio system
- Perfect integration with DATAPiXX and PROPiXX

- Easy setup
- MRI coil headsets 30 dB
- Push-to-talk microphone
- Complies with new safety guide requirement of 29 dB NRR

## MRI / MEG Stereo Audio System



### OVERVIEW

The SOUNDPIXX is a complete MRI audio system including everything you need to get all the great benefits of MRI-compatible audio entertainment or for cross-modal research when used with the PROPiXX or the DATAPiXX system. Will give you microsecond-precise audio stimulation when driven by VPiXX hardware.

SOUNDPIXX MRI stereo sound system delivers true stereo music to the subject. Stereo sound provides a spacious feeling for the subject, which is an important factor in overcoming claustrophobia.

There are separate audio level adjustments for the subject and the speakers in the area where the technologist is located. The operator can independently control their sound level without affecting the subject sound levels. If so desired, the music can be turned off in the operator area, and only heard by the subject.

Authorized Distributor



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# SPECIFICATIONS

## MRI coil headsets



Pneumatic stereo headsets provide 30dB NRR tested to ANSI standard  
Available in standard and mini sizes to accommodate all ear shapes and sizes, including children  
Meets and exceeds ISO 60601-1-33 specifications

- Includes 260 pairs of standard size plugs (0.75" x .50")
- Includes 10 pairs of mini size plugs (0.75" x .38")

## MRI pneumatic transducer



Extra-large stereo-tubing for greater resonance

- Includes 12-foot stereo tubing

Semi-rigid for durability and consistency

Universal adapter for use with different pneumatic headphones

Vinyl tubing is 3/8-inch OD and 1/4-inch ID with an outer protective sleeve

Input impedance : 8 Ohm

Frequency response : 20 Hz to 20 kHz



## MRI interface cable



Prevents noise artifacts from MRI sound system

Mounts on RF penetration panel DB-9 connector

Allows audio to pass through, but will not allow noise to pass through

- Includes custom length coaxial cable for **MRI / MEG room** (35-foot maximum)
- Includes custom length DB-9 cable for **CONTROL room** (75-foot maximum)
- Includes RFI filtered DB-9 connector inserts

## Mixer / Amplifier audio system



Multi-function 50-Watt auto-mixing amplifier

Designed for continuous operation in distributed music, paging and audio applications

3 auxiliary inputs for iPod, Computer, CD/DVD or PROPixx/DATAPixx audio subsystem

Low and high frequency equalizer

1 microphone input

## Microphone and speaker



Push-to-Talk desktop microphone

Adjustable goose neck microphone

Microphone communicates clearly and directly with patients through their earphones

Control room speakers replicate audio sources to ensure system is operating correctly

A compact, two-speaker system that delivers rich and clear sound

## ORDERING INFORMATION

Description: MRI/EEG Stereo system kit with RFI filtered DB-9

P/N: VPX-ACC-8100

