Model SBK-BT

MRI Patient Stereo Builder's Kit

Price $3,850 Each

SBK-BT MRI Stereo Builder's Kit

Economical MRI Patient Stereo System
Flexible Audio from Your Existing Equipment

The SBK-BT MRI Stereo Builder's Kit provides the most economical way to add full-stereo sound to your MRI suite. Designed by the original inventor of MRI patient stereo systems, the SBK-BT allows facilities to connect their existing computer, tablet, DVD player, FM radio, or other audio source—reducing cost while delivering professional-grade performance.

Designed for Flexibility and Value

The SBK-BT is ideal for MRI facilities that already have a preferred music source and want a reliable, MRI-compatible audio solution without paying for unnecessary components. By allowing you to use equipment you already own, the SBK-BT delivers patient comfort, technologist control, and consistent audio quality at a lower cost.

Scan Sound, Inc.
(866) 722-6763 Phone
(954) 827-2408 Fax
1-866-722-6763 Toll-Free
1-866-SCAN-SND Toll-Free
265 S. Federal Hwy., Unit 163
Deerfield Beach, FL 33441
http://www.scansound.com

Why Facilities Choose the SBK-BT

- Most economical MRI stereo system from Scan Sound
- Uses existing computers, tablets, radios, or media players
- Full stereo audio delivery to patients
- Push-button microphone for clear patient communication
- Technologist-controlled volume and audio monitoring
- Same core performance principles as premium Scan Sound systems
- Compatible with all MRI scanners

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System Components

What's Included in the SBK-BT Kit

- Stereo mixer/amplifier with Bluetooth and auxiliary input.
- Desktop push-button flexible microphone.
- Patient Acoustic Interface (PAI) that converts audio to pneumatic sound into the patient headphones
- Stethoscope-style pneumatic headphones for use with all coils and scans.
- 100 pairs of disposable acoustic foam Eartips,
- Installation cables sized for typical MRI rooms.
- A switchable power strip.
- Fully illustrated installation manual for easy installation
- 1-year parts warranty.

Compatibility & Installation

- Compatible with all MRI systems
- Connects through two spare BNC connectors on the RF penetration panel
- Optional RFI-filtered inserts available if required
- Requires 110 VAC power and an external audio source
- Designed for straightforward installation

How the SBK-BT Fits Within the Scan Sound Line

SBK-BT: Entry-level, builder-style system using customer-supplied audio sources.
IS-2003: Mid-level system with built-in WiFi Internet radio and preset stations.
J-4005: Premium system with Apple® iPad for full touchscreen streaming control.

A Smart First Step into MRI Audio

The SBK-BT Stereo Builder's Kit is the ideal starting point for facilities seeking a dependable, cost-effective MRI audio solution. By combining flexibility, simplicity, and proven Scan Sound design, the SBK-BT delivers patient comfort and clinical reliability without unnecessary expense.

Model IS-2003

WiFi Ready MRI Patient Stereo Kit

Simple Streaming Audio for Patient Comfort

Price $4,195

Designed for Patient Comfort and Technologist Simplicity

The IS-2003 WiFi-Ready MRI Patient Stereo Kit provides a straightforward, reliable way to deliver music to patients during MRI exams using Internet radio, Bluetooth, or auxiliary audio sources. Designed for facilities that want an easy-to-use streaming solution without a tablet, the IS-2003 improves patient comfort while giving technologists simple, direct control. By helping patients relax and remain still, the IS-2003 can contribute to smoother scans, fewer interruptions, and improved image quality—all while integrating easily into existing MRI suites.

Why Facilities Choose the IS-2003

- Provides familiar music to help reduce patient anxiety
- Reliable system is easy to operate
- Provides exceptional full stereo sound into patient headphones
- Uses WiFi Internet radio with programmable station presets
- Stream music from your favorite online service provider
- Full technologist control of audio and communication
- Cost-effective alternative to tablet-based MRI audio systems
- Compatible with all MRI scanners

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Key System Features

- WiFi Internet radio with access to thousands of stations worldwide
- Bluetooth connectivity for streaming from external devices
- Auxiliary input for additional audio sources
- Built-in preview speaker for technologists
- Preset buttons for repeatable station selection
- Mixer/amplifier automatically lowers music during voice communication
- Includes a 1-year parts warranty

Model IS-2003

WiFi Ready MRI Patient Stereo Kit

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What's Included

- Digital WiFi Internet Radio
- Stereo mixer/amplifier with voice-over capability
- Desktop push-button gooseneck microphone
- Patient Acoustic Interface (PAI)
- Stethoscope-style pneumatic headphones
- Disposable acoustic foam eartips
- All required cables and connectors
- Detailed installation manual

Compatibility & Installation

- Compatible with all MRI systems
- Connects through two spare BNC connectors on the RF penetration panel
- Optional RFI-filtered inserts available if required
- Requires 110 VAC power and facility WiFi access
- Comes in kit form for quick, straightforward installation by your staff or an audio/visual installer

Options Available

The following accessories are available to customize the IS-2003 system and meet the specific needs of your MRI facility:

- **NRH-101 Noise Reduction Headphones**
  Over-ear, ear-muff style headphones designed to help reduce MRI scanner noise while delivering high-quality audio.
- **HP-66 MRI-Safe Hearing Protection Earmuffs**
  All-plastic hearing protection earmuffs for patients who prefer passive noise reduction without audio.
- **Replacement Acoustic Foam Eartips (P/N 521-200)**
  Disposable foam eartips for pneumatic headphones to support hygienic use between patients.
- **Sanitary Stretchable Headphone Covers**
  Disposable covers for over-ear headphones to help reduce cross-contamination in shared-use environments.
- **RFI-Filtered Inline BNC Connector Inserts (FCBNC1)**
  Optional RF noise filters for facilities that specify preventative filtering or require additional RF suppression.
- **Bulkhead BNC Connectors (BA1087)**
  Double-female bulkhead connectors for RF penetration panel installations when spare connectors are not available.
- **Replacement Headband for NRH-101 (NRH-HB)**
  Spare replacement headband to help minimize downtime.
- **MRIWear® Reversible Prism Glasses (PG-200)**
  Patient comfort accessory designed to help reduce claustrophobia by allowing patients to see outside the scanner.

Model J-4005

Deluxe MRI Patient Stereo Kit

Price $6,500

The **J-4005 Deluxe MRI Patient Stereo Kit** provides a complete, high-quality audio solution designed to improve patient comfort during MRI examinations while maintaining compatibility with MRI environments.

This system includes an **Apple® iPad** for WiFi music streaming, **Noise Reduction Headphones** to reduce scanner noise, and all required components for easy installation and operation.

System Features:

- **Patient Acoustic Interface** delivers true stereo sound with high audio fidelity
- **Technologist-controlled audio levels** allow independent adjustment of patient and control-room sound
- **Voice-over capability** enables technologists to speak to the patient while automatically reducing music volume
- **Push-button desktop microphone** sends clear voice instructions directly to the patient headphones
- **Unlimited music selection** via Apps such as Apple Music®, Amazon Music®, Spotify®, Pandora®, and other streaming services
- **Designed to improve patient comfort**, reduce anxiety, and minimize motion during scans
- **Includes 1-year parts warranty**

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Model J-4005

Deluxe MRI Patient Stereo Kit

Price $6,500

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Why Facilities Choose the J-4005

Facilities choose the **J-4005 Deluxe MRI Patient Stereo Kit** because it combines **patient comfort, clinical performance, and ease of installation** in a complete, proven solution. By delivering high-quality stereo audio with effective noise reduction, the system helps reduce patient anxiety and motion during scans, which can contribute to improved image quality and fewer repeat exams. The included Apple® iPad provides unlimited music options that patients recognize and enjoy, while technologists maintain full control of audio levels and communication at all times. With MRI-compatible components, RFI-filtered connections, and a straightforward installation process, the J-4005 integrates easily into existing MRI suites—making it a reliable, cost-effective choice for facilities focused on patient experience, workflow efficiency, and consistent imaging results.

MRI Stereo Accessories

MRI Noise-Reduction Stereo Acoustic Headphone - Model NRH-101

High Noise Reduction, Ear-Muff Design
The NRH-101 combines multiple layers of passive noise control—foam eartips, a sealed ear-muff shell, and internal acoustic foam—to provide **up to an estimated 45 dB of overall noise reduction** (depending on fit and patient anatomy).

How the noise reduction works (multi-layer design):

- **Outer ear-muff shell:** first barrier to scanner noise
- **Soft ear cushion seal:** cups around the ear to reduce sound leakage
- **Dual internal acoustic foam layers:** absorb additional noise inside each ear cup
- **Foam eartips:** help direct audio into the ear canal while reducing ambient noise

Designed for MRI use

- **All-plastic construction** helps ensure the headphones are **MRI compatible** and do not interfere with imaging sequences
- Can be used **in place of many conventional plastic MRI headphones**
- **Twin-tubing, barbed 1/4" connectors** for connection to tubing from the **Patient Acoustic Interface**
- Comfortable for patients to wear during longer scans

Hygiene and disposables

- **Disposable foam eartips** can be replaced between patients (Eartips p/n **521-200**)
- Optional **Large Stretchable Headphone Covers** for sanitary protection between patients:
  - White: **SS-2-100**
  - Black: **SS-2B-100**

MRI Headphone Modular Plug

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info@scansound.com

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Model P-101 Stethoscope-Style Acoustic Headphones

Quick Benefits

- **Low-profile, stethoscope-style design** fits comfortably inside most head and brain MRI coils
- **All-plastic, pneumatic construction** supports MRI compatibility and avoids imaging interference
- **True stereo sound delivery** through plastic tubing to both ears
- **Approximately 30 dB of passive noise attenuation** when foam eartips are properly inserted
- **Lightweight and comfortable** for patients during short or extended scans
- **Disposable foam eartips** help support hygiene and reduce cross-contamination
- **Cost-effective solution** allows facilities to keep spare headphones on hand

Product Description

The **P-101 Stethoscope-Style Pneumatic Headphones** are designed for MRI procedures that use **head and neck coils**, where space is limited and conventional headphones may not fit comfortably.

Using a **pneumatic, stethoscope-style acoustic design**, the P-101 delivers **true stereo audio** through plastic tubing directly to the patient's ears. When the foam eartips are properly inserted, the headphones provide **approximately 30 dB of passive noise attenuation**, allowing music or audio to be heard during most MRI scan sequences.

The **slim, lightweight profile** fits easily within most adult head coils and is comfortable for patients to wear. The **all-plastic construction** helps ensure compatibility with MRI environments and minimizes the risk of interference with imaging sequences.

Disposable foam eartips can be easily removed and replaced between patients, supporting good hygiene practices. The P-101's **durable, proven design**—similar to pneumatic headphones used for many years in commercial aviation—holds up well to repeated clinical use.

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info@scansound.com

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521-200 Replacement Acoustic Foam Eartips

Product Features

The **521-200 Acoustic Foam Eartips** are designed for use with **Scan Sound pneumatic MRI headphones**, including the **P-101 Stethoscope-Style Headphones** and **NRH-101 Noise Reduction Headphones**.

- **Compatible with P-101 and NRH-101** pneumatic headphone models
- **Packaged in resealable bags** containing approximately **100 pairs of eartips per bag**
- **Easy to remove and replace** between patients to support hygienic use and reduce cross-contamination
- **Soft acoustic foam design** helps direct sound into the ear canal while contributing to overall noise reduction
- **Hypoallergenic composite materials** suitable for patient comfort
- **All-plastic construction** helps ensure compatibility with MRI environments and avoids interference with imaging

Pricing Summary

- **$35 per bag** (approximately 100 pairs per bag)
- **$33 per bag** when purchasing **5 bags or more** in a single order

Ordering & Shipping Notes

- Florida state sales tax will be applied to orders shipped within Florida
- Shipping charges apply **F.O.B. Deerfield Beach, FL**

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NRH-HB Spare Headbands (for Noise-Reduction MRI Headphones)

The **NRH-HB Replacement Headband** is designed specifically for use with the **Scan Sound NRH-101 Noise Reduction Headphones** and allows facilities to quickly restore a headset to service if a headband becomes damaged.

- **Direct replacement headband** for the Scan Sound **NRH-101** headphones
- **Tool-free installation**—snaps securely into place in seconds
- **Simple replacement process:** slide the headphone earpieces off the damaged headband and snap them onto the new headband
- **Durable plastic construction** suitable for medical imaging environments
- **Cost-effective spare part** to keep on hand and minimize equipment downtime
- Intended for use with **medical imaging sound headphones**, including the NRH-101 Noise Reduction Headphone

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SS-2-100 Large Sanitary Disposable Headphone Covers

The **SS-2-100 Large Sanitary Disposable Headphone Covers** provide a hygienic barrier for shared-use headphones in medical and imaging environments, including MRI suites.

- **Made from thin, spun-bond polypropylene**, creating a sanitary barrier while allowing audio to pass through clearly
- **Designed for use with pneumatic MRI headphones**, helping keep headphones clean and sanitary when worn by multiple patients
- **Stretchable, over-ear design** fits securely around **Noise Reduction Headphones** and **Pad Headsets**
- **Latex-free elastic** helps hold the cover in place during patient use
- **Helps limit the spread of germs**, including bacteria, head lice, MRSA, and hepatitis, in hospital and clinical settings
- **Inert, non-metallic fabric** is compatible with MRI environments and does not interfere with imaging
- **Packaged in sealed bags** containing **100 disposable covers per bag**

Pricing

- **$17.00 per bag** (100 covers per bag)
- **$15.00 per bag** when purchasing **10 bags or more** in a single order

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FCBNC1 RFI-Filtered Inline BNC Connector Inserts

The **FCBNC1 RFI-Filtered Inline BNC Connector Inserts** are designed to help reduce **radio-frequency interference (RFI)** that can cause noise or "zipper" artifacts in MRI imaging.

Product Description

- Used to **help prevent RF noise and image artifacts** in MRI scans
- Can be installed **proactively as a preventative measure** or added in situations where noise or imaging artifacts have been observed
- **Allows audio frequencies below 20 kHz to pass through** while attenuating higher-frequency signals that may interfere with MRI receiver systems
- Designed for installation on **BNC bulkhead connectors** located on the MRI system's **RF penetration panel**
- Audio coaxial cables connect to the **female BNC connector** on the RFI-filtered insert
- Each filtered insert consists of **BNC-to-N connector adapters**, with the **RF filter housed inside the female N-connector assembly**
- **Typically sold in pairs** for MRI sites that specify preventative RF noise filtering for both audio channels in stereo systems

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BA1087 Bulkhead BNC Connector

The **BA1087 Bulkhead BNC Connector** is designed for mounting on the MRI system's **RF penetration panel**, providing a secure, shielded path for transmitting audio signals into the MRI scan room.

Product Description

- **Double-female BNC bulkhead connector** for mounting on RF penetration panels
- Provides a reliable method for **passing audio signals through the RF shield** and into the MRI scan room
- Used to connect **coaxial audio cables** on both sides of the penetration panel
- **Maintains grounded shield integrity** while allowing audio signals to pass through
- **Typically used in pairs** for MRI stereo system installations (Left and Right audio channels)
- Most MRI systems include **spare bulkhead connectors** on the penetration panel; however, if spare connectors are not available, **two mounting holes may be drilled** and a pair of these connectors installed
- Offered by **Scan Sound as a convenience item** for customers installing an MRI Stereo System Kit

HP-66 MRI-Safe Hearing Protection Earmuffs

The **HP-66 Hearing Protection Earmuffs** are designed to help **protect patient hearing** and **reduce perceived MRI scanning noise**, improving comfort for patients who are sensitive to loud sounds during MRI examinations.

Product Features

- Helps **reduce MRI scanner noise** and protect patient hearing during imaging procedures
- **Noise Reduction Rating (NRR) of approximately 20 dB**
- **All-plastic and composite construction** is compatible with MRI environments and does not interfere with imaging
- Helps **dampen MRI gradient "knocking" sounds**, which can be unsettling for some patients
- Reducing excessive noise may help **lower patient anxiety** and reduce motion during scans, contributing to improved image quality
- **Inert to MRI scanning** and will not produce imaging artifacts
- **Adjustable headband** and **soft ear pads** provide a comfortable fit for a wide range of patients
- Can be used with **Scan Sound sanitary stretchable headphone covers** to support hygienic use between patients

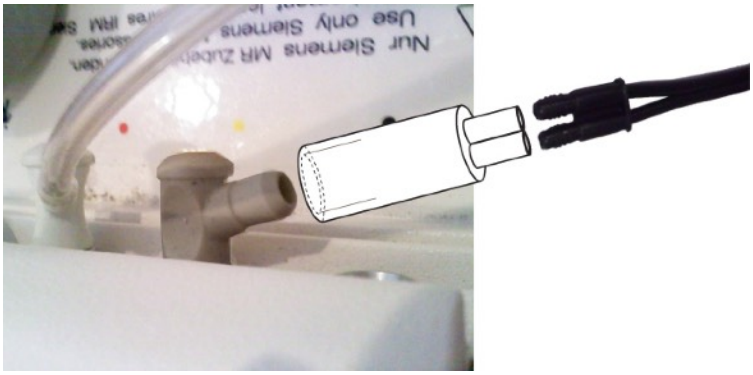
Patient Comfort & Clinical Value

MRI patients often appreciate additional measures taken to reduce scanner noise. Providing hearing protection such as the HP-66 can enhance patient comfort, encourage relaxation, and support smoother imaging workflows.

Headphone Adapters for Siemens MRI Systems

NRH-ADP

- Headphone adapter (shown on right) connects to audio port on Siemens MRI Systems
- Connects headphone barbed tubing to the audio port positioned close to the magnet bore



NRH-SYM

- Similar adapter with tubing 2-Meters (6 ½ feet) long so MRI headphones can reach inside the magnet bore

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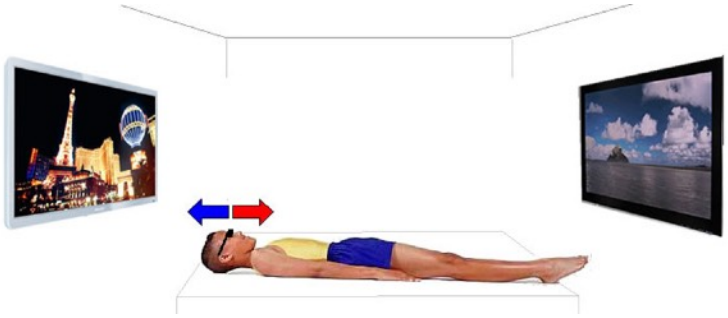
MRIWear® Reversible Prism Glasses - Part No. PG-200

The **MRIWear® Reversible Prism Glasses** are designed to help **reduce claustrophobia and anxiety** during MRI and other diagnostic imaging procedures by allowing patients to comfortably see outside the scanner while lying flat.



Key Benefits

- **Helps reduce claustrophobia** during MRI (Magnetic Resonance Imaging) scans
- **Patented reversible prism design** allows the viewing direction to be easily changed so patients scanned **head-first or feet-first** can always see outside the magnet
- Effectively provides **two viewing configurations in one pair of glasses**
- Allows patients to see beyond the scanner bore, helping them feel **less confined and more relaxed**
- Reduced anxiety and patient motion may contribute to **improved image quality and increased patient throughput**

MRI-Safe Design

- **All-plastic, metal-free construction** helps ensure MRI compatibility and avoids image artifacts or distortion
- Unlike many prism glasses that use metal hinges, the **PG-200 design is completely free of metal**
- **Inert to MRI scanning** and suitable for use with all MRI coils

Comfort & Ease of Use

- Lightweight **plastic frames** allow the glasses to be worn like conventional eyewear
- **Elastic retention strap** included for secure positioning if needed
- Patients can lie flat and comfortably view outside the scanner or watch a television without head elevation
- **Prisms slide easily within grooved channels**, allowing quick reversal to adjust the viewing direction

Clinical & Multi-Modal Applications

- Designed for use with **MRI scanners**, including **fMRI applications** where subjects may need to view outside the scanner
- Also suitable for use with other diagnostic imaging systems, including:
  - CT scanners
  - PET scanners
  - Nuclear medicine scanners
  - Bone density scanners

Packaging

- Ships with a **lens cleaning cloth**
- Packaged in a **customized protective box**

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Scan Sound Inc. – Product Order Form

Company / Facility Name: _____
Contact Name: _____
Title / Department: _____
Phone: _____ **Email:** _____
Shipping Address: _____
City: _____ **State:** _____ **ZIP:** _____

Product Selection

Qty	Part No.	Product Description	Unit Price	Extended Price	Total
_____	NRH-101	Noise Reduction Headphones for MRI	$315.00	_____	_____
_____	P-101	Stethoscope-Style Acoustic Headphones	$17.00	_____	_____
_____	NRH-ADP	MRI Headphone Adapter for Siemens Systems	$25.00	_____	_____
_____	NRH-SYM	MRI Headphone Adapter 6,5-foot Tubing	$75.00	_____	_____
_____	HP-66	MRI-Safe Hearing Protection Earmuffs	$37.00	_____	_____
_____	PG-200	MRIWear® Reversible Prism Glasses	$132.00	_____	_____
_____	NRH-HB	Replacement Headband for NRH-101	$18.95	_____	_____
_____	521-200	Replacement Acoustic Foam Eartips (Bag ~100 Pairs)	$35 / $33 (5+)	_____	_____
_____	SS-2-100	Large Sanitary Headphone Covers – White (Bag of 100)	$17 / $15 (10+)	_____	_____
_____	SS-2B-100	Large Sanitary Headphone Covers – Black (Bag of 100)	$17.00 / $15.00 (10+)	_____	_____
_____	FCBNC1	RFI-Filtered Inline BNC Connector Insert	$199.95 (Pair $399.90)	_____	_____
_____	BA1087	Bulkhead BNC Connector – Double Female	$12.95	_____	_____

Order Summary

Subtotal: _____
Volume Discount (if applicable): _____
Shipping & Handling: _____
Sales Tax (FL only):_____
Total Order Amount:_____

Payment Method

☐ Purchase Order (PO #): _____
Credit Card ☐ Visa ☐ MasterCard ☐ AmEx ☐ Discover
Card Number: _____
Expiration Date: _____ **CVV:**_____
Billing ZIP Code: _____

Shipping & Terms

- Shipping charges apply **F.O.B. Deerfield Beach, FL**
- Florida state sales tax will be applied to orders shipped within Florida
- Standard lead times apply unless otherwise noted

Authorized Signature: _____ **Date:** _____

Submit Orders To: Scan Sound Inc. Thank you for choosing Scan Sound for MRI-safe audio and patient comfort solutions.

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