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Installation Evaluation Form

Please have someone at the MRI imaging center review the facility layout and complete this installation evaluation form when placing your order.

The layout diagrams will help your personnel to visualize the equipment placement and cable requirements. The provided data will enable Scan Sound to create the correct cable lengths and supply the appropriate connectors with each kit ordered.

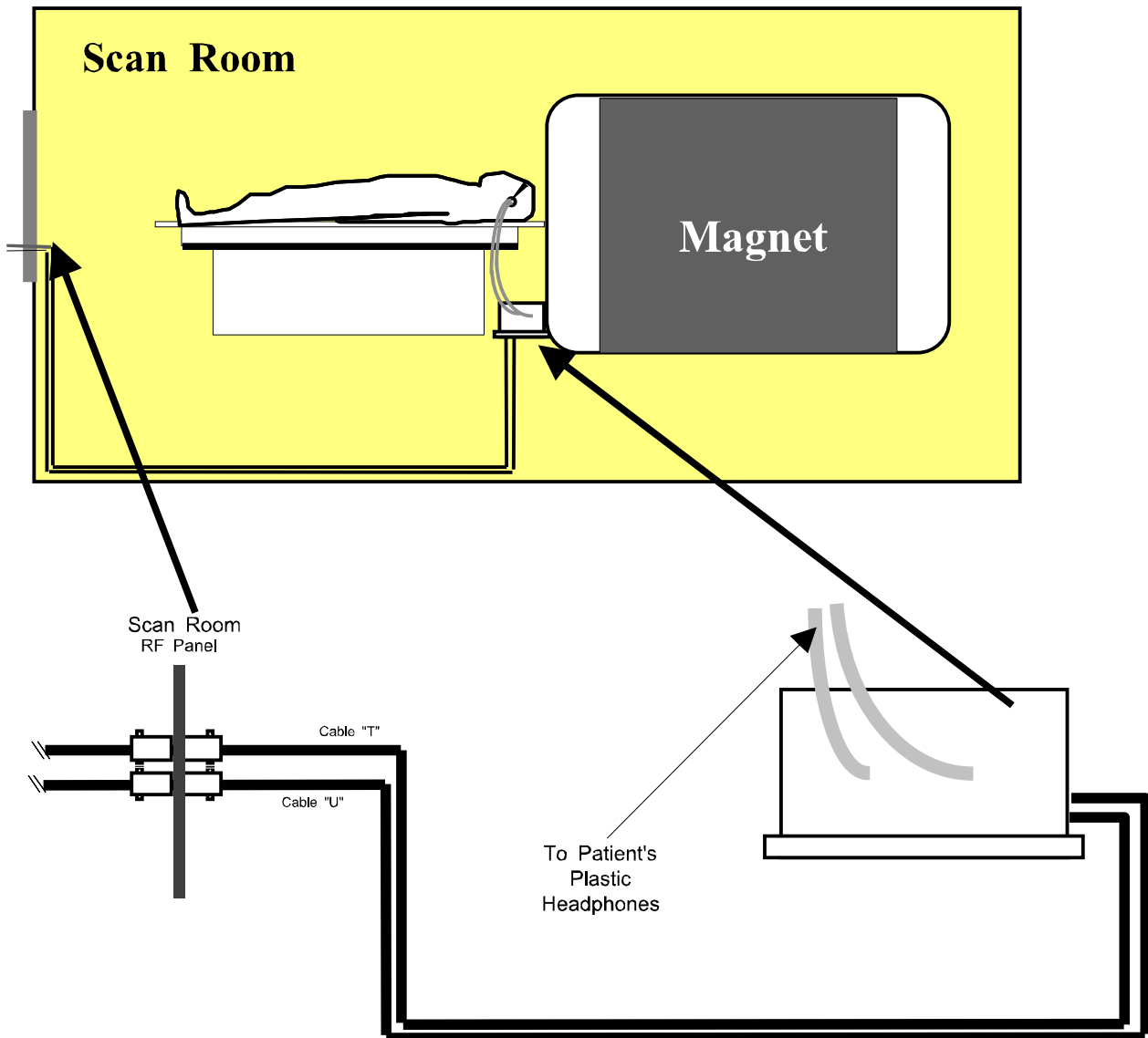
NOTE:

Please refer to the system layout and diagrams on pages 3 and 4 when completing this form. Your responses will help us to size the appropriate cables and create a custom installation manual to simplify the installation. If you have any questions, please do not hesitate to call a Scan Sound representative at 1-866-722-6763 Ext 101 or (954) 425-0199 Ext 101. Send the completed form by Fax to (954) 827-2408 or by Email to info@scansound.com

Date:		Facility:	
Department:		Phone:	
Address:		Contact Person:	
City:		Order Number:	
State:		Zip Code:	
MRI System Manufacturer:			
Person Who Filled Out This Questionnaire:			
Does your system currently have 2 spare BNC connectors available on the RF Penetration Panel? <i>See available BA-1087 BNC Bulkhead Connectors on page 5.</i> <input type="checkbox"/> Yes <input type="checkbox"/> No - We would like to order 2 BNC Bulkhead connectors at \$8.95 each			
What is the Field Strength of your MRI Magnet?			
What length of cable will be required to go from the FM Stereo system to the RF connector panel? <i>(see room layout on pages 4 & 5).</i> Cables M & N: <input type="checkbox"/> 75-Foot is the standard length (This can be cut shorter just prior to installation) <input type="checkbox"/> Specify a longer, custom length (\$50 extra)			
What length of cable will be required in the scan room? <i>See drawing on page 3.</i> Cables T & U: <input type="checkbox"/> 35-Foot is the standard length and will fit most facilities <input type="checkbox"/> Specify a custom length (\$50 extra)			
Will you need a microphone extension cable beyond the provided 6-foot length? <input type="checkbox"/> No Extension Needed <input type="checkbox"/> 6-Foot <input type="checkbox"/> 10-Foot <input type="checkbox"/> 25-Foot Extension Needed			
Will your system require the addition of BNC-Style RF-Filters on the RF Penetration Panel? <i>See page 5.</i> <input type="checkbox"/> No We will not need them <input type="checkbox"/> We would like to order 2 filters x \$149.95 Each = \$299.90 Total			
Who will be designated to install the MRI Stereo at your facility? <i>Please provide name and contact information if possible.</i>			

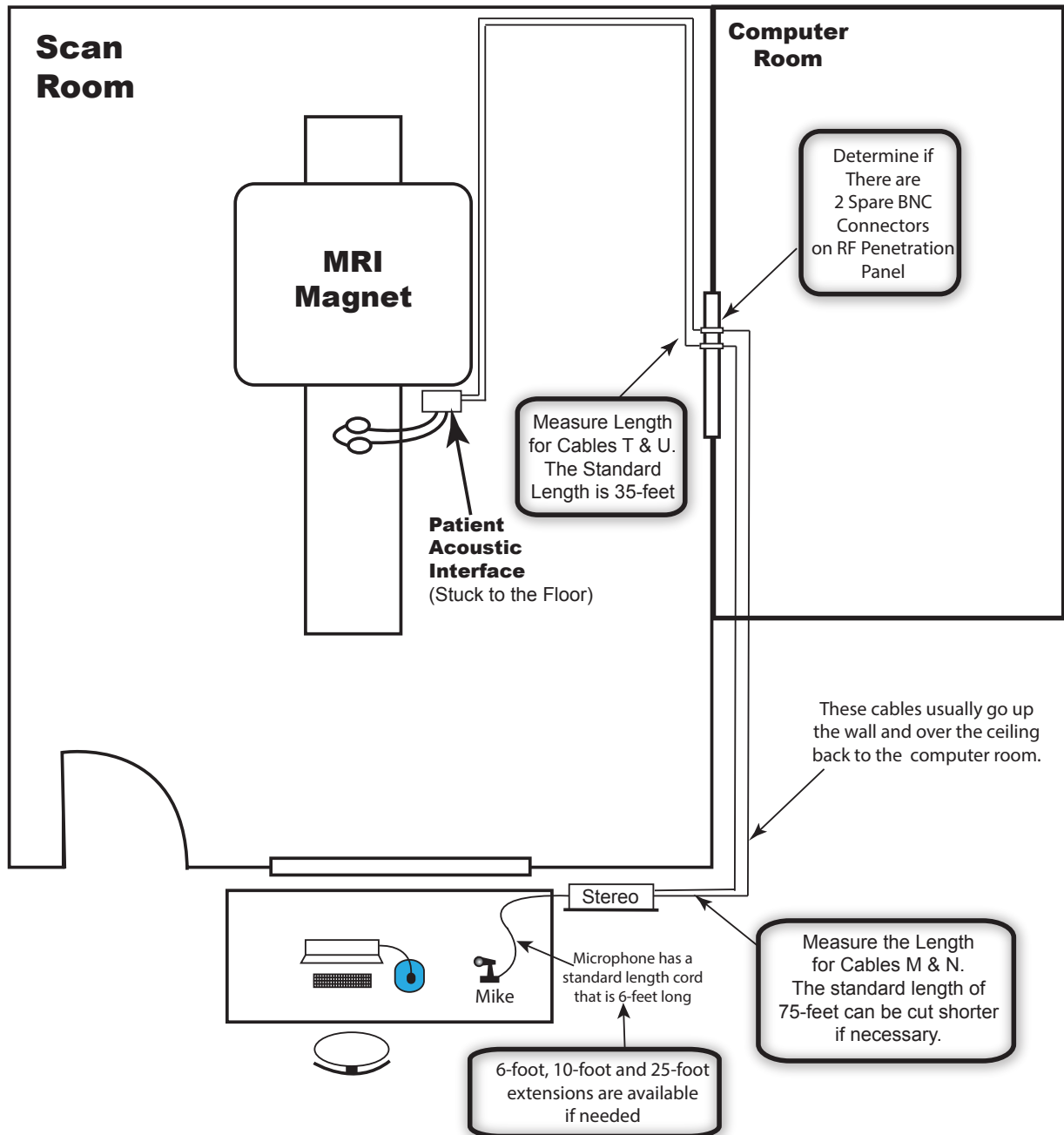
Wiring Requirements

The following illustration shows Cables "T" and "U" in the MRI scan room. They connect to BNC connectors on the RF Penetration panel and go down to the floor and over to the front of the magnet as shown below. Our standard size cable is 35-feet, and any extra can usually be hidden or coiled up. If you need a longer length cable for an unusually large room, please indicate the custom length on the form, and we will make up a special cable at an additional charge of \$50.

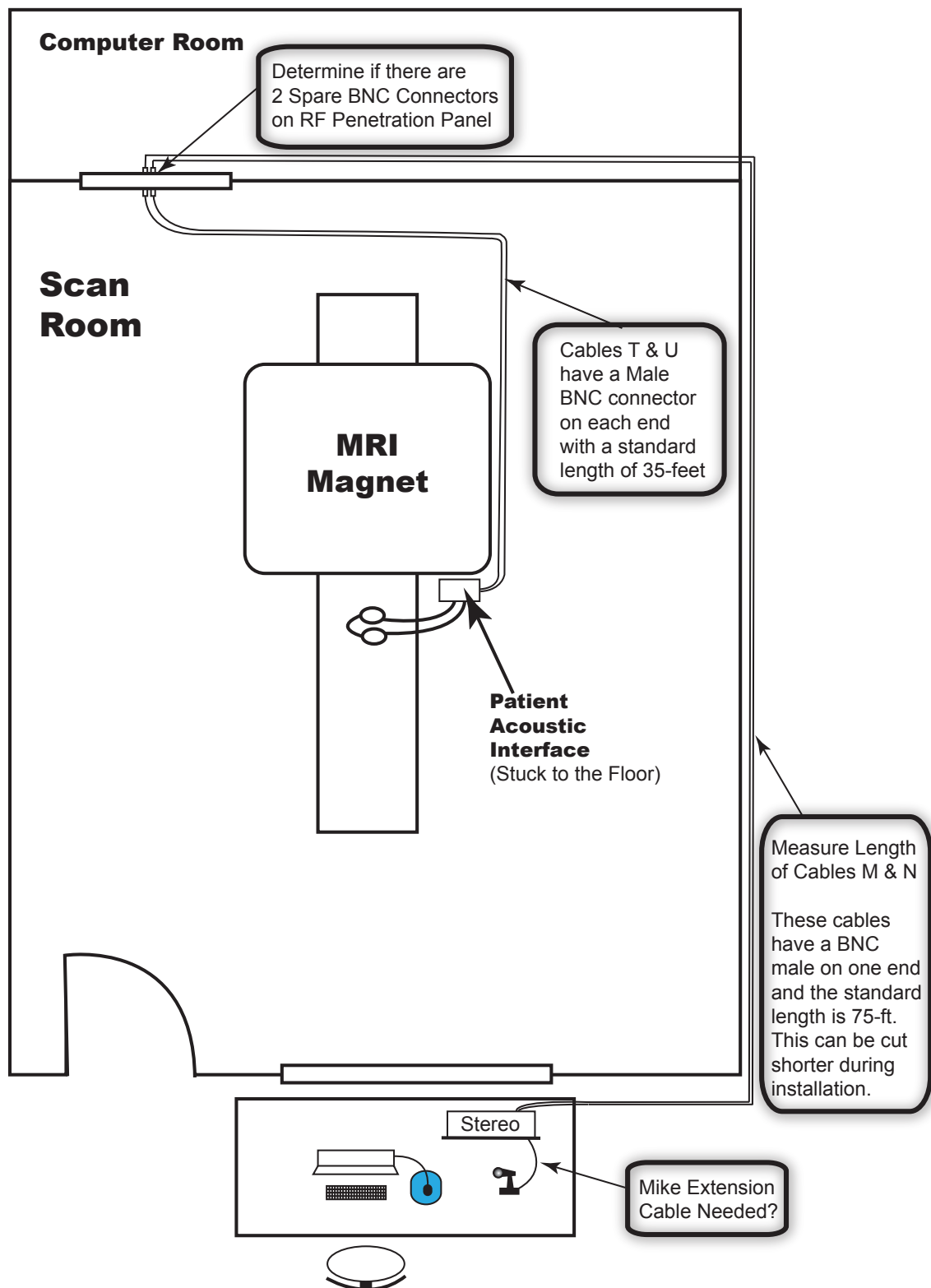


Cable Measurement Guide

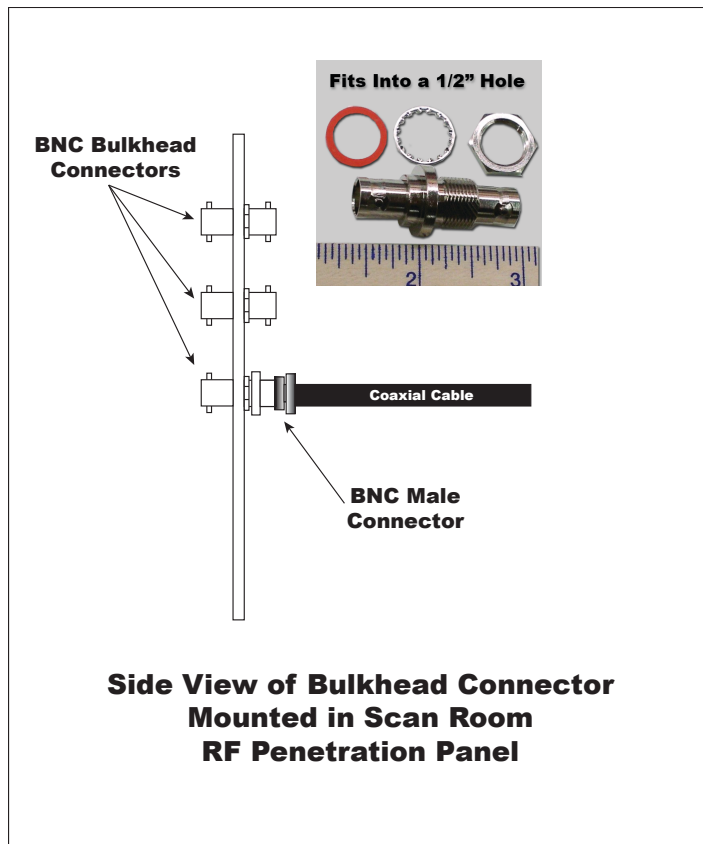
Take into account the distances going up wall to the ceiling, around corners and down to the connector panel when going from the FM stereo to the Bulkhead panel in the computer room. There is a 75-foot cable set (Cables M and N) to go from the stereo system to the connector panel (in the computer room). This cable has a male BNC connector on one end, so it can be cut shorter during the installation. There is a 35-foot cable set for inside the scan room with BNC male connectors on each end. Any excess for Cables T and U can usually be tied up and hidden away. Longer custom cable lengths can be specified at an additional charge of \$50 per cable set.



Alternate Scan Room Layout



RF Penetration Panel



BNC Bulkhead Connectors and Filtered BNC Inserts are available from Scan Sound, Inc.



Bulkhead BNC Connectors

- Mounts on RF Penetration Panel
- 2 Connectors required
- Maintains Grounded Shield Integrity While Passing Audio Signals into MRI Scan Room
- Most MRI Systems typically have spare connectors such as these
- Scan Sound Offers these Connectors as an option
- Part No. BA-1087 (Price \$8.95 Each)

RF-Filtered BNC Connector Inserts



- These filtered inserts are used to prevent noise and zipper artifacts in MRI scans
- Some facilities may install filters as a precaution against possible noise artifacts
- They are generally not required, however, some MRI manufacturers may require that they be used as a general rule so it is best to check with your MRI system provider
- These inserts are connected to the BNC connectors on the RF Penetration Panel on the computer room side of the panel
- Usually purchased as a pair (for left and right audio channels)
- Price \$149.95 each