



## **SXR AUDIO STAND**

**A Low Noise Floor Is Fundamental**

## Introduction

Thank you for purchasing the Harmonic Resolution Systems SXR Audio Stand. When used properly, it will give you many years of superior musical or video signal reproduction.

The SXR Audio Stand significantly reduces the negative impact of structure-borne noise on your audio or video component performance. Decades of engineering experience, custom material development, and listening tests are incorporated into the design of the SXR Audio Stand. This high-performance product from Harmonic Resolution Systems, Inc. will enable your audio/video source and amplification components to achieve high levels of performance.

The SXR Audio Stand, which includes the HRS Isolation Base as the primary shelf system, is a perfect match for the HRS Damping Plates, Nimbus, Vortex, and Helix products. While the SXR Audio Stand and HRS Isolation Bases work to significantly reduce structure-borne noise, the HRS Damping Plates, Nimbus, Vortex, and Helix products significantly reduce the harmful effects of airborne noise and structural resonance on your components.

Please read this manual completely prior to assembly and use of your SXR Audio Stand. It contains instructions necessary for proper assembly, use, and care of this system. Proper care of your SXR Audio Stand will ensure optimum performance and an aesthetically appealing system.

All HRS products are manufactured in the US by highly skilled craftsmen using superior techniques and proprietary materials. HRS is dedicated to producing the finest audio products in the world. To accomplish that, all products advance through a series of intense inspection and approval protocol. All items are inspected 100% to verify the assembly fits are up to our exacting standards. This rigorous protocol, combined with precision design, results in a product that is a pleasure to install, use, change, or expand at any time. From all of us here at HRS, we truly hope you enjoy our product.



**Scan here to register for HRS  
5-year limited warranty**  
<https://avisolation.com/company-warranty/>

Your order was built and inspected by the following HRS staff

Manufacturing: \_\_\_\_\_

Inspection: \_\_\_\_\_

Packaging: \_\_\_\_\_

## Safety Instructions

### IMPORTANT WARNINGS!

Do not place any tall objects on the top level of the SXR Audio Stand. A tall object is any object with a height that is greater than the length of the corresponding HRS Isolation Base. A tall object is also any object that has a height greater than its own width or length. Tall objects must not be placed on top of the SXR Audio Stand for any reason. The object may become unstable and tip over, causing damage to the component, adjacent objects, or injury to people.

Never lift or move the SXR Audio Stand with HRS Isolation Bases or components installed. Move the SXR Audio Stand to its final location prior to loading HRS Isolation Bases and components. Moving the SXR Audio Stand with the HRS Isolation Bases and/or components installed can permanently damage the audio stand, and cause the HRS Isolation Bases to fall out, resulting in potential damage or injury.

Do not lift HRS Isolation Bases by the inner plate or the external feet attached to the bottom of the rectangular frame. Always lift or move the HRS Isolation Base with the inner plate facing up and the external support feet facing down (the same orientation as when used to support your component). Always follow these handling instructions to prevent personal injury or damage to the unit.

## Setup Instructions

The SXR Audio Stand consists of the primary aluminum structure and the HRS M3X2 or E1X Isolation Bases that support each component. Each box containing parts for the audio stand will be marked with a model number starting with SXR. All the wrenches required to put the SXR together are included with the shipment.

**Work Surface** - Prior to unpacking any material, locate a strong and stable work surface capable of supporting a 250 lb. load, or an area on the floor that provides a soft and scratch resistant work area at least 3'x3' in size. The more space you have the better, as it will give you room to move around the audio stand to complete assembly. It is important that the area be free of all dirt, screws or small pebbles, and that it is covered with a clean, soft, protective blanket of the same size that will prevent damage to high quality finish of the audio stand.

**Unpacking Assembly Hardware** - Remove all the contents from all the boxes marked with the SXR model number. Place all of the hardware on a table adjacent to your selected work surface, and remove all of the wrapping material. Be careful not to drop or allow the anodized aluminum parts to contact each other, as their surface finishes could be damaged. Do not stack the parts on top of each other after they are removed from the protective packaging material. To make assembly easier, group identical parts together in an organized manner. Group all the Struts by length. This SXR Audio Stand will be assembled upside down. Depending on what stand configuration you have purchased, there will be a number of Support Braces that have threaded SXR Caps already bonded inside. These Support Braces with threads will be the top of the audio stand. Do not attempt to remove the caps.

Your SXR Audio Stand may arrive only partially assembled. If your SXR arrived fully assembled, skip the assembly instructions below, and refer directly to "Leveling the SXR Audio Stand" on page 8.

**Step 1.** The SXR Audio Stand will be assembled upside down. Note that one SXR Horizontal Support Assembly has six threaded Caps installed. Do not try to remove these threaded Caps, as they are bonded to the supports. The SXR Horizontal Support Assembly with Caps will be the top layer of the audio stand.

Lay the SXR Horizontal Support Assembly on your work surface with the threads facing up. Slide a polymer ring over each of the six threaded Caps (photo 1). Press the polymer rings down so they sit completely within the counterbore around the threads of the Caps.



Photo 1

**Step 2.** Apply 3 drops of the provided WD-40 3-in-1 oil to the top few threads of each Cap (photo 2).



Photo 2

**Step 3.** Identify six Struts of the correct size for this level of the SXR. Keep in mind that the SXR is being assembled upside-down, so the first SXR Horizontal Support Assembly will serve as the top level of the audio stand. The Struts will provide component spacing equal to 5.5 inches less than their total length (including threads).

e.g., Struts that measure 13.5 inches end-to-end will provide 8 inches of spacing on top of an HRS Isolation Base.

Fully thread six Struts onto the SXR Horizontal Support Assembly (photo 3). Use the provided HRS Grip Pad (photo 4) to tighten each Strut another  $\frac{1}{4}$  -  $\frac{1}{2}$  rotation after it contacts the polymer ring.

If you are assembling an audio stand with multiple Strut sizes, keep in mind that you are assembling it upside-down. The first Struts to be installed will be between the top and second shelf when the stand is completed.



Photo 3



Photo 4

**Step 4.** Place a polymer ring over the threaded end of each Strut on this layer. Be sure the polymer rings are seated fully the same way as in step 1. The polymer rings should sit on the shoulder just below the Strut threads (photo 5).



Photo 5

**Step 5.** Lower another SXR Horizontal Support Assembly onto the existing structure, so that the threads of the installed Struts pass through the six holes in the assembly (photo 6).

Make sure the HRS logos all face the same direction, and that each Strut is fully seated in the SXR Horizontal Support Assembly.



Photo 6

**Step 6.** Tighten the 8 fasteners indicated in photo 7 on the bottom of the newly installed SXR Horizontal Support Assembly. Use the provided ratchet wrench to rotate the fasteners  $\frac{1}{16}$  -  $\frac{1}{8}$  of a rotation past snug to achieve proper stiffness in the assembly.

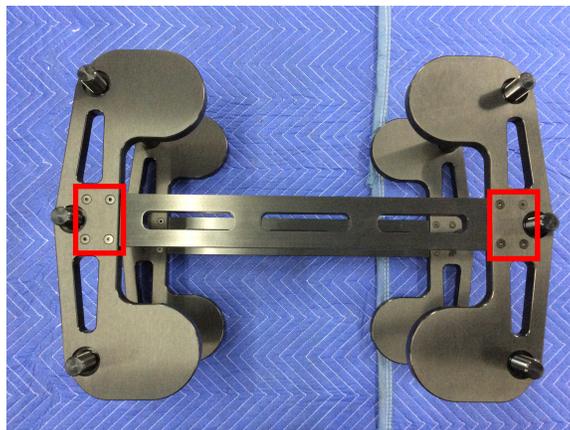


Photo 7

**Step 7.** Place a polymer ring around each of the threads protruding through the SXR Horizontal Support Assembly. The polymer rings should sit completely flat inside the counterbored holes of the SXR. Apply 3 drops of the provided WD-40 3-in-1 oil to the end of each thread.

If your SXR requires another layer, repeat Steps 3-7 with a new set of Struts and another SXR Horizontal Support Assembly.

**Step 8.** Fully thread a Locking Nut onto the threads protruding through the SXR Horizontal Support Assembly, so that the Locking Nuts fully contact the polymer rings you placed in step 7. Thread the Locking Nuts on with the narrow end facing down into the counterbored holes of the SXR. Apply final torque to the Locking Nuts by using the provided custom nylon wrench to tighten each nut another  $\frac{1}{4}$  to  $\frac{1}{2}$  turn after they contact the polymer ring (photo 8). This final torque provides stiffness to the structure to ensure excellent performance for your system.



Photo 8

**Step 9.** Thread on the Washers just until they contact the Locking Nuts (photo 9), and then thread on the Points just until they contact the Washers (photo 10). Do not torque the Washers or Points tightly.



Photo 9



Photo 10

**Step 10.** Assembly of the SXR Audio Stand is now complete. Carefully lift and flip the SXR upright, and move it to the desired final location for use in your system. Depending on the size of your audio stand, this may require multiple people. Make sure to orient the audio stand so that the front face with the HRS logo(s) faces forward. The stand Points should be placed directly on carpeted floors. Place them on HRS Floor Protectors instead if your system is located on wood flooring, or another surface you wish to guard against scratching. Please contact HRS or your authorized HRS dealer if you require HRS Floor Protectors.

**Leveling the SXR Audio Stand** - The SXR Audio Stand is now ready to be leveled. Place the provided level on top of the SXR, and apply gentle pressure against each side of the stand to see if it rocks back and forth. If the stand does rock back and forth and/or does not sit level, thread out the Point(s) that must be extended to level the stand,  $\frac{1}{4}$  turn at a time, until the stand is level with all six Points in contact with the ground. Do not thread out the Point(s) more than five full rotations. Each Point must have three full rotations of engagement with the thread for proper performance and strength.

If more adjustment is required, place a shim under the Point(s) so that the additional travel is achieved without violating the three full thread minimum engagement requirement.

Once the system is level, hold the extended Point(s) with one hand, and thread the Washer(s) down against the top of the Point(s) with your other hand. Then, gently torque all six Washers against the tops of the Points with the HRS Grip Pad. This will lock the Points into place and prevent any motion out of the threaded connection. The result should be a very stable, firm, and level structure.

**Installing HRS Isolation Bases into the SXR Audio Stand** - Make sure to read and follow all of the instructions in the HRS Isolation Base manual(s) prior to installing any into the SXR Audio Stand. Verify that the SXR size matches that of the HRS Isolation Bases. The SXR-1921 fits 1921-model HRS Isolation Bases. The SXR-1719 fits 1719-model HRS Isolation Bases.

Note the load range of each HRS Isolation Base to determine which component of your system each base is matched to. Matching the HRS Isolation Base to the proper component weight will ensure optimum performance. Load ranges can be changed for a nominal factory fee, so if you do not have the correct load range for a component, please contact Harmonic Resolution Systems or your authorized HRS dealer to have this corrected.

Load the HRS Isolation Bases from the front of the SXR, with the HRS logo facing you. Briefly rest the rear feet of the HRS Isolation Base in the pockets at the front of the desired layer of the SXR, so that another person can reach in from behind the stand to hold the HRS Isolation Base from behind. Lift the HRS Isolation Base together, and carefully guide it between the Struts to rest all four HRS Isolation Base feet into the Support Brace pockets at the same time.

Make sure that the HRS Isolation Base feet are located securely in the pockets of the SXR Support Braces. This will automatically occur when the front and back edge of the HRS Isolation Base is in line with the front and back face of the Audio Stand. If the front and back edges do not line up with the front and back of the SXR, contact Harmonic Resolution Systems or your local authorized HRS dealer.



Completed SXR-1921-3V-100-080-B (left) and SXR-1921-3T3-100-080-B (right).  
Both systems shown with HRS M3X2 Isolation Bases

**Loading Components into SXR Audio Stand** - Carefully load each component into the SXR Audio Stand. Be careful not to hit the front edges of the HRS Isolation Bases. Once all the components are loaded, check to see that none of the HRS Isolation Bases are overloaded. By placing one or two fingers on the bottom of the SXR Horizontal Support Assembly, and your thumb on the top of the corner of the HRS Isolation Base, you should be able to move the top of the HRS Isolation Base slightly by squeezing your fingers together. If there is no compliance, remove the HRS Isolation Base and component to verify that the load range of the HRS Isolation Base is correctly matched with the component. The load range of each HRS Isolation Base is identified by the colored sticker on the back of the base (see the HRS Isolation Base manual for instructions). Please consult with your authorized HRS dealer if you need assistance. The HRS Isolation Base load range can be modified at any time by HRS or your authorized HRS dealer.

## Care and Maintenance

The SXR Audio Stand is a very low maintenance item that will provide many years of trouble-free performance by applying these basic care instructions.

Clean the external surfaces of the SXR Audio Stand using a professional quality ultra-soft lint-free micro-fiber cloth available in high quality automotive stores. Use a lightly water damped cloth if you need to clean dirt from the SXR. Do not use commercial furniture polishes on the SXR.

Please follow the care instructions in the HRS Isolation Base manual to clean and care for any HRS Isolation Bases in the SXR Audio Stand. Read and follow the instructions received with the HRS Isolation Base to ensure optimum performance and cosmetic appeal.

Do not spray, soak, or submerge the SXR Audio Stand or HRS Isolation Bases in water or cleaning solutions. The audio stand and HRS Isolation Bases are made from many different parts and materials. Submerging, spraying, or soaking the SXR Audio Stand or HRS Isolation Base will cause permanent damage to the assembly.

Clean the metallic parts of the HRS Isolation Base and SXR Audio Stand using a lint-free soft (non-abrasive) cloth. Use a damp cloth with a mild soap or Pledge Multi-Surface Cleaner if required. Do not use abrasive cleaners or solvents to clean the SXR Audio Stand or HRS Isolation Base, as they will damage the quality of finish. Solvents and solvent-based cleaners will attack and damage some of the materials used in the SXR Audio Stand and HRS Isolation Base and should never be used.

Do not wash the interior flex element of the HRS Isolation Base feet even if you see a coating or white substance on the surface of the flex element. This coating is intentional and is put in the flex element to protect the isolation material from the environment.

## Warnings!

Do not place objects with sharp or pointed feet directly on the HRS Isolation Base.

Do not immerse in water or spray with water or any other liquids.

Do not use abrasive cleaners or abrasive sponges.

Do not wash with any solvent-based cleaning solutions.

Do not wash the interior flex element of the Isolation Base Feet, even if you see a coating or white substance on the surface of the flex element.

## Limited Warranty



**Scan here to register for HRS 5-year Limited Warranty**

Harmonic Resolution Systems warrants the product designated herein to be free of manufacturing defects in material and workmanship, subject to the conditions herein set forth, for a period of 90 days from the date of purchase by the original purchaser. **The purchaser is required to register the unit with Harmonic Resolution Systems by visiting <https://avisolation.com/company-warranty/> and completing the limited warranty registration, within 14 days upon receipt of any HRS product. Scan QR code to register for HRS 5-year limited warranty.**

**The limited warranty extends the 90 days to a period of 5 years from the date of purchase by the original purchaser, or no later than 6 years from the date of shipment to the authorized Harmonic Resolution Systems dealer, whichever comes first.**

This limited warranty is subject to the following conditions and limitations.

1. The limited warranty is void and inapplicable if the product has been used or handled other than in accordance with the instructions in the owner's manual, abused or misused, damaged by accident or neglect or in being transported, or the defect is due to the product being repaired or tampered with or modified by anyone other than Harmonic Resolution Systems. The product must be packed and returned to Harmonic Resolution Systems by the customer at his or her sole expense. A written description of the defect and a photocopy of the original purchase receipt must accompany a returned product. This receipt must clearly list the model and serial number, the date of purchase, the name and address of the purchaser, the authorized HRS dealer, and the purchase price. Harmonic Resolution Systems reserves the right to modify the design of any product without obligation to purchasers of previously manufactured products, and to change the prices or specifications of any product, without notice or obligation to any person. This warranty is void and inapplicable if the product has been handled other than in accordance with the instructions specified within this document, abused or misused, damaged by accident or neglect or in being transported, or the defect is due to the product being tampered with, modified or repaired by anyone other than Harmonic Resolution Systems.
2. The limited warranty does not cover normal recommended care and maintenance. Harmonic Resolution Systems Inc. shall not be responsible in any way for consequential or indirect damages or liabilities resulting from the use of the product covered herein, or, resulting from any breach of this warranty or any implied warranty relating to said product.

3. Harmonic Resolution Systems shall not be responsible in any way for damage to finishes resulting from normal use, or exposure to sunlight or the environment, even within the normal and extended limited warranty period.

During the limited warranty period, Harmonic Resolution Systems will repair or replace any defective components free of charge. A Return Authorization Number (RA Number) obtained directly from Harmonic Resolution Systems is required before any product is returned to Harmonic Resolution Systems for any reason. This number must be visible on the exterior of the shipping container(s) for Harmonic Resolution Systems to accept the return.

Units shipped to Harmonic Resolution Systems Inc. without a visible RA Number on the exterior of the shipping container(s) are subject to be returned to the sender, freight collect.

Units to be repaired by Harmonic Resolution Systems must be sent shipping and insurance prepaid by the original purchaser in the original packaging material. A returned product should be accompanied by a written description of the defect.

Repaired units will be returned by Harmonic Resolution Systems shipping, and insurance will be prepaid by the customer.

All other warranties or conditions, either written or implied, are void.

**(MADE IN USA)**

All Harmonic Resolution Systems Inc. products are 100% made in The United States of America by skilled craftsmen using only the finest materials and our personal dedication to the highest workmanship standards.

**HARMONIC RESOLUTION SYSTEMS INC.  
2495 Main Street, Suite 227  
Buffalo, NY 14214  
Telephone: 716-873-1437  
Web: [www.AVisolation.com](http://www.AVisolation.com)  
E-mail: [sales@AVisolation.com](mailto:sales@AVisolation.com)**