SXRC AUDIO STAND

A Low Noise Floor Is Fundamental

Introduction

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

The SXRC 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 SXRC Audio Stand. This high-quality product from Harmonic Resolution Systems, Inc. will enable your audio/video source and amplification components to achieve high levels of performance.

The SXRC Audio Stand, which includes the HRS M3X2 or E1X Isolation Base as the primary shelf system, is a perfect match for the HRS Damping Plates, Nimbus, Vortex, and Helix products. While the SXRC 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 SXRC Audio Stand. It contains instructions necessary for proper assembly, use, and care of this system. Proper care of your SXRC 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 protocols. 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 SXRC 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 SXRC 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 SXRC Audio Stand with HRS Isolation Bases or components installed. Move the SXRC Audio Stand to its final location prior to loading HRS Isolation Bases and components. Moving the SXRC 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 SXRC 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 SXRC. All the tools required to put the frame 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'×3' 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 SXRC 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.

The SXRC Audio Stand will be assembled upside down. One SXRC Horizontal Support Assembly should have threaded Caps already bonded inside. This SXRC Horizontal Support Assembly with threads will be at the top of the audio stand. Do not attempt to remove the caps.

Your SXRC Audio Stand may arrive only partially assembled. If your SXRC arrives fully assembled, skip the assembly instructions below, and refer directly to "Leveling the SXRC Audio Stand" on page 9.

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

Lay the SXRC Horizontal Support Assembly on your work surface with the threads facing up. Slide a polymer ring over each of the eight 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. If your order includes Strut Spacers (photo 2) that are required at this level, install them on top of the polymer rings now (photo 3).

Photo 2

Photo 3

Steps 3-7 describe how to add a second level (and subsequent levels) to your SXRC Audio Stand. If you are constructing a 1V model SXRC (i.e., a single-level stand), proceed immediately to step 8. (Note that assembly photos going forward show a two-level audio stand, but that all written instructions apply to any size stand, thanks to the modular design of the SXRC).

Step 3. Identify eight Struts of the correct size for this level of the SXRC. Keep in mind that the SXRC is being assembled upside-down, so the first SXRC Horizontal Support Assembly will serve as the top level of the audio stand. The Struts will provide component spacing equal to $5^1/_2$" less than their total length (including threads).

e.g., Struts that measure $13^1/_2$" end-to-end (photo 4) will provide 8" of component spacing on top of an HRS Isolation Base.

Custom orders may include sets of Struts threaded together with a Spacer between them to achieve larger component spacing (photo 5). For the instructions in this manual, simply treat these assemblies as if they were each a single extra-long Strut.

Photo 4

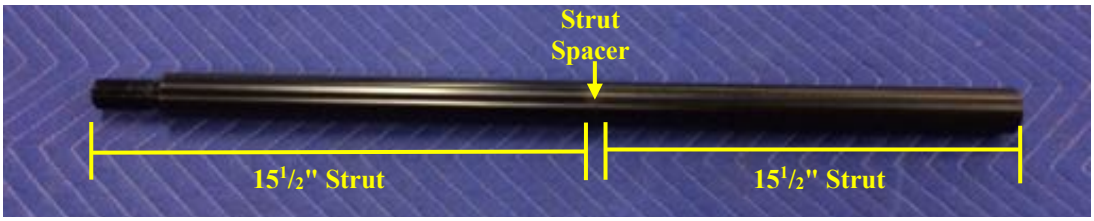

Photo 5

Fully thread eight Struts onto the SXRC Horizontal Support Assembly (photo 6). A high-quality Tef-Gel lubricant is applied to all Struts of the SXR Audio Stand at HRS prior to shipping, so they are already prepared for assembly. If you feel metal-on-metal friction, or if the threads squeak during assembly, apply the provided Tef-Gel lubricant along the length of the provided brush (photo 7). Spread the lubricant in a circular motion around the surface along the entire length of the male threads to produce a complete and even coating (photo 8). Repeat this process with a new line of Tef-Gel lubricant on the brush for the mating female thread (photo 9). Use the provided HRS Grip Pad (photo 10) to tighten each Strut between $^1/_4$ and $^1/_2$ rotation after it contacts the polymer ring.

Photo 6

Photo 7

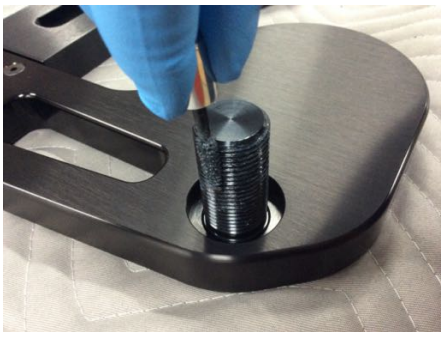

Photo 8

Photo 9

Photo 10

Step 4. Place a polymer ring over the threaded end of each Strut on this layer. Be sure the polymer rings sit fully on each strut (photo 11). The polymer ring should sit on the non-threaded shoulder just below where the thread stops.

Photo 11

Step 5. Lower another SXRC Horizontal Support Assembly onto the existing structure, so that the threads of the installed Struts pass through the eight holes in the assembly (photo 12). Make sure the HRS logos all face the same direction, and that each Strut is fully seated in the SXRC Horizontal Support Assembly.

Photo 12

Step 6. Tighten the 16 fasteners indicated below (photo 13) on the bottom of the newly installed SXRC Horizontal Support Assembly. Use the provided ratchet wrench to rotate the fasteners $^{1}/_{16}$ - $^{1}/_{8}$ of a rotation past snug to achieve proper stiffness in the assembly.

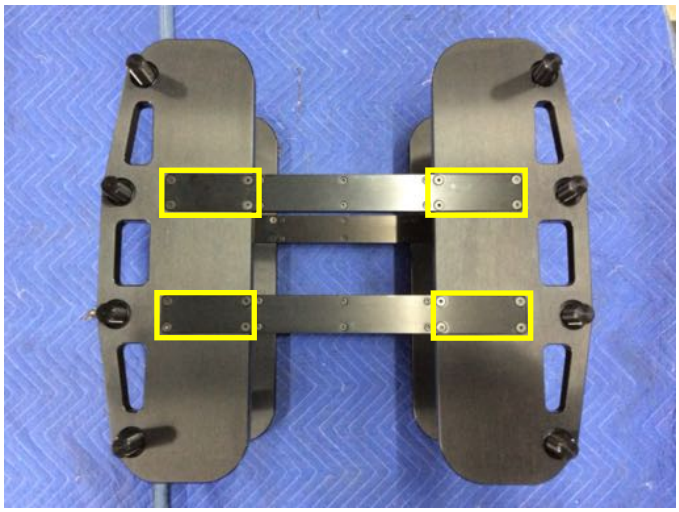

Photo 13

Step 7. Place a polymer ring around each of the threads protruding through the SXRC Horizontal Support Assembly. The polymer rings should sit completely flat inside the counterbored holes of the SXRC.

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

Step 8. Fully thread a Locking Nut onto each of the threads protruding through the SXRC 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 SXRC. A high-quality Tef-Gel lubricant is applied to all Locking Nuts, Washers, and Points of the SXR Audio Stand at HRS prior to shipping, so they are already for assembly. If you feel metal-on-metal friction, or if the threads squeak during assembly, apply the provided Tef-Gel lubricant along the length of the provided brush (photo 14). Spread the lubricant in a circular motion around the surface along the entire length of the male threads to produce a complete and even coating (photo 15). Repeat this process with a new line of Tef-Gel lubricant on the brush for the mating female thread (photo 16). Apply final torque to the Locking Nuts by using the provided custom nylon wrench to tighten each nut another $^{1}/_{4}$ to $^{1}/_{2}$ turn after they contact the polymer ring (photo 17). This final torque provides stiffness to the structure to ensure excellent performance for your system.

Photo 14

Photo 15

Photo 16

Photo 17

Step 9. Thread on the Washers just until they contact the Locking Nuts (photo 18), then thread on the Points just until they contact the Washers (photo 19). Do not torque the Washers or Points tightly.

Photo 18

Photo 19

Step 10. Assembly of the SXRC Audio Stand is now complete. Carefully lift and flip it upright, and move it to your desired final location. Depending on the size of your SXRC Audio Stand, this may require multiple people. Make sure to orient the SXRC Audio Stand so that the HRS logos

on the SXRC Crossmembers are right-side-up when read from in front of the system. The stand Points should be placed directly on carpeted floors. Place them on the included HRS Floor Protectors if your system is located on wood flooring, or other surfaces you wish to guard against scratching.

A fully assembled SXRC-1921-2-2V-080-B

Leveling the SXRC Audio Stand - The SXRC Audio Stand is now ready to be leveled. Place the provided level on top of the stand, and apply gentle pressure against each side of the stand to see if it rocks back and forth. If the stand rocks back and forth and/or does not sit level, thread out the Point(s) that must be extended to level the stand, $^1/_4$ turn at a time, until the stand is level with all eight 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. Gently torque all eight 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 SXRC Audio Stand - Make sure you read and follow all of the instructions in the HRS Isolation Base manual prior to installing bases into the SXRC Audio Stand. Verify that the audio stand size matches the HRS Isolation Base size. The SXRC-1921-2 uses 1921-2 HRS Isolation Bases. The SXRC-2029-2 uses 2029-2 HRS Isolation Bases, and so on.

Note the load range of each HRS Isolation Base to determine which component of your system each 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 SXRC Audio Stand, 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 SXRC Audio Stand, so that another person can reach in from behind it to hold the HRS Isolation Base from behind. Lift the HRS Isolation Base together, and carefully guide it between the Struts to rest all HRS Isolation Base feet into the SXRC Horizontal Support Assembly pockets at the same time.

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

Completed SXRC-1929-2-2V-120-B
with HRS M3X2-1929-2 Isolation Bases.

Loading Components into SXRC Audio Stand - Carefully load each component into the SXRC Audio Stand. Be careful not to hit the front edges of the HRS Isolation Bases. Once all of the components are installed, make sure that none of the HRS Isolation Bases are overloaded. By placing one or two fingers on the bottom of the SXRC 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. Note that HRS Isolation Bases with G7 Feet (identifiable by a purple sticker on the back) have no load limit and no compliance, so this test is not necessary. If there is no compliance on any non-G7 Feet, 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 SXRC 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 SXRC Audio Stand using a professional quality, ultra-soft, lint-free, micro-fiber cloth available in high quality automotive stores. Use a lightly water-dampened cloth if you need to clean dirt from the frame. Do not use commercial furniture polishes on the SXRC.

Please follow the care instructions in the HRS Isolation Base manual to clean and care for the HRS Isolation Bases in the SXRC 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 SXRC Audio Stand or HRS Isolation Bases in water or cleaning solutions. The SXRC Audio Stand and HRS Isolation Bases are made from many different parts and materials. Submerging, spraying, or soaking the system or HRS Isolation Bases will cause permanent damage to the assembly.

Clean the metallic parts of the HRS Isolation Base and SXRC Audio Stand using a lint-free, 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 SXRC 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 SXRC Audio Stand and HRS Isolation Bases, 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
E-mail: sales@AVisolation.com