

Ginkgo Audio's Vibration Control Solutions (VCS)

A Holistic Approach in Treating Vibration in Audio Systems

Ginkgo Audio has been developing patented vibration control products since 2000, from the award-winning Cloud 11 platform, which has been on Stereophile's Recommended Components list since 2004, to the patented ARCH Acoustic Resolution Clarifiers.

Introduced in 2022, the Cloud22™ product line uses lamb wool as a vibration control material. The Cloud22 bases complement the ARCHs as well as the classic Cloud 11 platform, for a holistic approach to mitigate much of the harmful vibration in your audio system.

VCS Products

Product Category	Feature	Recommended Use	Product Name
Cloud22	Wood base (black finish)	Under components weighing up to 20 lbs (each base can support 5 lbs).	Small Wood Cloud22 Base
		Under components weighing up to 40 lbs (each base can support 10 lbs).	Medium Wood Cloud22 Base
		Under components weighing up to 80 lbs (each base can support 20 lbs).	Large Wood Cloud22 Base
	Wood base (natural finish)	Under components weighing up to 80 lbs (each base can support 20 lbs).	Special Edition Large Wood Cloud22 Base
	Acrylic base (black finish)	Under components weighing up to 60 lbs (each base can support 15 lbs).	Medium Acrylic Cloud22 Base
		Under components weighing up to 120 lbs (each base can support 30 lbs).	Large Acrylic Cloud22 base
ARCH	Mini size	Under source components weighing up to 20 lbs (each Mini-ARCH can support 5 lbs).	Mini-ARCH
	1/2" thickness	Under components weighing up to 60 lbs (each ARCH can support 15 lbs).	Speaker/Equipment ARCH – 1/2" thick, 9.5" diameter
		Under components weighing up to 100 lbs (each ARCH can support 25 lbs).	Speaker/Equipment ARCH – 1/2" thick, 7" diameter
	5/8" thickness	Under components weighing up to 200 lbs (each ARCH can support 50 lbs).	Speaker/Equipment ARCH – 5/8" thick, 9.5" diameter
		Under components weighing up to 400 lbs (each ARCH can support 100 lbs).	Speaker/Equipment ARCH – 5/8" thick, 7" diameter
	Resting slot for cable; cushioning tube with wood dowel	Under cables to raise them off the floor or carpet.	Cable ARCH

VCS Toolkit	Four Medium Wood Cloud22 Bases, eight Mini-ARCHs, and eight 1/2" thick and 9.5" diameter Equipment/Speaker ARCHs.	VCS Starter Toolkit
	Eight Medium Wood Cloud22 Bases, twelve Mini-ARCHs, and twelve 1/2" thick and 9.5" diameter Equipment/Speaker ARCHs.	VCS Premium Toolkit
Platform	To be placed over Cloud22 bases for a more streamlined look. Can support up to 180 lbs with up to 6 Large Acrylic Cloud 22™ bases. Standard platform size is 17.5" x 14" x 1.5"; write us at gingko@gingkoaudio.com for custom sizes.	Cloud22 Platform

Operation Guide

Overall Approach – First, establish a baseline sound by playing familiar tracks. A typical audio system consists of four major types of components: Loudspeakers, amplification, source, and accessories (cables, racks, power conditioning, etc.). When you are ready to experiment with the different vibration control solutions, start with the speakers and work your way along the signal path toward the source components. Introduce one solution at a time, assessing its effect on the sound, before moving on to the next component.

Putting Speaker ARCHs under Speakers – If you want to keep the speaker’s spikes, place their tips into the brass inserts that come with the ARCHs. Since this will raise the height of the speakers, remember to adjust the spikes to aim the speakers for best performance. Enlist someone to lift the corners of the speakers while you install the tips of the spikes into the brass inserts. This will make the process much easier and avoid punching holes on the wooden ARCH surface, voiding the 30-day money-back guarantee.

We recommend that you use the Speaker ARCHs in place of the speaker’s spikes, if possible. This approach eliminates any vibration interference caused by the metal material of the spikes. For speakers with M6 threaded spike studs, we offer M6 threaded studs, washers, and nuts that can be installed through the ARCHs and screwed into the M6 threaded holes in the speaker’s cabinet. You can also use threaded studs in other sizes purchased from a hardware store. Remove the brass insert from the ARCH and drill a hole of the correct size (please test the Speaker ARCH’s performance before drilling holes as this will void the money-back guarantee).

Once the ARCHs are installed, the speakers can be moved across hardwood or carpeted floors without damaging the surface.

Putting Cloud22 Bases Under Amplification Components – Amplifiers and preamps, especially tube types, are negatively affected by vibration to a high degree. Here vibration control has to be provided across the complete audio frequency spectrum. We find that the Cloud22 bases and platform do a great job reducing noise from 20Hz to 20 KHz resulting in a blacker background and clearer, more transparent sound. Select the right number of Cloud22 bases to support the weight of the component. The bases can be placed directly under each component feet or directly under the chassis. Position the bases to properly support and balance the component. Another option is to use the Cloud22 platform on top of the correct number of bases to properly support and balance the weight of the component.

Putting Mini-ARCHs and Equipment ARCHs under Source Components – Sources can be analog (turntables or tape players) or digital (CD players, streamers, or DACs). Digital sources can suffer from vibration negatively affecting

the sound; from shaking the CD/DVD transport to creating back EMF in the wirings. We find that our Mini-ARCHs work effectively under digital components, especially lighter ones under 20 lbs. For heavier digital components the Equipment ARCHs can hold up to 160 lbs. without difficulties. Place the correct number of Mini-ARCHs or Equipment ARCHs under the feet or chassis of the component, or use the Cloud22 platform in the same manner as described in the above paragraph

Analog sources are quite susceptible to lower frequency vibrations including footfalls. We find the original Cloud 11 does a great job with treating vibration in the low bass affecting analog sources. Our Cloud 11 products fit a wide variety of turntable designs, from rigid and heavy plinths to suspended plinths and can be placed directly under the plinth or under the turntable footers. Cloud 11 products are not included in the Cloud22 Toolkit and can be purchased separately.

Accessories

Accessories, like cables, racks, stands, and power conditioning equipment also can be negatively affected by vibrations. Here there is no hard and fast rules of which devices work best since there are a wide range of accessories. We do offer Cable ARCHs to support raise cables off the floor to reduce statics and noise signals from the floor or carpet. Cable and Equipment ARCHs are also excellent under racks and stand the same way they are under speakers and electronics. You can support power conditioners with Equipment ARCHs the same way as under other electronic equipment. Do experiment with them to see which works best.

Ginkgo Audio Inc.

www.ginkgoaudio.com

ginkgo@ginkgoaudio.com