



GINGKO AUDIO ClaraVu™ 7 Mk. 3 Speaker System

Owner's Manual

Thank you for purchasing Gingko Audio's ClaraVu 7 Mk. 3 speaker system.

These striking speakers are a result of 10 years of intensive research and development. Each speaker is hand crafted in the USA using the finest parts in the world. Custom drivers, high-quality caps and coils, OCC copper cabling and unique cabinet construction result in superlative resolution and musicality. Each ClaraVu speaker is hand-built in the USA instead of coming off a factory line. Each is thoroughly tested and comes with a 2-year warranty to the original owner.

The ClaraVu 7 speaker consists of a monitor speaker and a matching powered subwoofer. They are perfect for apartment-size high-end systems, yet their big sound offers more than satisfying performance in reference-level setups. A combination of 85 dB sensitivity and 8 ohm minimum impedance means the ClaraVus are easily matched to a wide range of tube or solid state amplifiers.

The ClaraVu speaker enclosures are available in three beautiful finishes: maple, cherry and gloss piano black. The modular construction of the system means that you can buy the monitor speakers with matching stands first, then add the sub modules to make a full range system.

The ClaraVu 7 monitor is a three-way speaker using a ribbon super-tweeter, a 1" soft dome tweeter and twin 6.5" paper cone woofers in a unique isobaric configuration. Two woofers are mounted one in front of the other in a sealed paperboard tube inside a rigid cabinet. The same design is used in the drivers of the sub module. This design minimizes vibration and standing waves and results in the ClaraVu's high-resolution and extreme musicality.

The ClaraVu 7 speakers will show you a "clear view" into your music by capturing all the details and nuances of the recording and performance.

SPECIFICATIONS:

Monitor Speaker; – Retail \$4995/pair

Super-tweeter: horn-loaded ribbon
Tweeter: 1" silk dome using patented technology
Woofers: 2 custom drivers, 6.5" paper cone
Frequency Response: 45Hz-20KHz +/- 3dB
Impedance: 10 ohms nominal, 8 ohms minimum
Sensitivity: 85 dB
Recommended power: 30 watts
Dimensions: 22"h x 9"w x 15"d
Weight: 47 lbs. each
Cabinet finish - maple, cherry, and piano black

Sub Module; – Retail \$2000 each

Woofers: 2 custom drivers, 6.5" paper cone
Sub amp: 75w into 8 ohms, 100w/ into 4 ohms
Options for hookup: low-level via interconnects or high-level via speaker wires
Adjustments: Volume, Crossover frequency, Phase

Sensitivity: 85 dB
Weight: 48 lbs. each
Cabinet finish - maple, cherry, and piano black

Stands – Retail \$500/pair

Dimensions: 27"h x 13"w x 14"d
Weight: 38 lbs each
Finish: Gloss Piano Black

Set Up tips for best performance

1. We highly recommend the matching stands for the ClaraVu monitors. They complete the elegant streamlined look that can be proudly displayed in any décor and place the speakers at optimum height. You can add the sub modules when you want to upgrade to a full range system. The following instructions refer to setup for a full range system.
2. In placing the speakers in a room, there are several considerations:
 - a. Place the sub modules on a firm foundation. It is a good idea to use the included bubble leveler to ensure the top plate of each stand is level. Use the adjustable spikes under the sub's feet to level the sub modules and monitors.
 - b. Place the included metal discs under the sub spikes on hardwood floor to protect it.
 - c. Place the monitor speaker on top of the sub module, aligning them to make an integrated system.
 - d. A good starting point for setting up speakers is using the golden rule, explained on this page on the Internet:
http://www.cardas.com/content.php?area=insights&content_id=26&pagestring=Room+Setup
 - e. In general, an equilateral triangle set up where the listener's position and the 2 speakers are at the apexes of the triangle is a good starting point.
 - f. The distance between the 2 speakers should be at least 6 feet apart for good stereo channel separation and imaging.
 - g. In some instances, a near field set up, with the distance between the listener and each speaker is less than the distance between the 2 speakers, could work well. Experiment with the speaker toe-in to fill in the middle of the soundstage image.
 - h. A good starting point for toeing is when the insides of the speaker cabinets are just visible from the listener's position.
 - i. For best results in soundstage depth, experiment with the distance from the speakers to the wall behind them. Pulling them further out into the room will add more depth to the soundstage.
 - j. Toeing the speakers in and out with respect to the listener's position can affect the width of the soundstage image. Make sure that you achieve good channel separation with a strong center image.
 - k. Moving the speakers closer to the wall can help to strengthen the bass. Pull the speakers away from the wall can fix boomy bass problems.
3. The ClaraVu speakers are easy to set up but do take time to dial in the best position for them.
4. In some instances, turning the monitors upside down on the sub modules so that the tweeters are on the bottom may help bass performance and soften the high frequencies. Experiment to see which suits you best.
5. There are five different ways to hook up the sub modules in a full range system:
 - a. Best option: connect speaker cables from main amp to the monitors, then jumpers from the monitors to the lower posts of the subs. This way the best cables take the full signal to the monitors, then passes it on to the subs. Very little signal is needed as the sub amps will amplify it. Adjustments to the subs include crossover frequency, phase, and volume.
 - b. Second best option: if your preamp has two sets of low-level output, connect speaker cables to the monitors and interconnects from the preamp to the line input of the sub. If the preamp has only one set of outputs, use line splitter connectors to create two sets of outputs. This requires longer run of ICs which is typically less expensive than speaker cables.
 - c. Third best option: Biwire speaker cables to the top and bottom. This way, the monitors get the full signal but through only half of the copper in the speaker cables. The subs get half of the copper which probably is an overkill. Performance is very close to the second option but biwire speaker cables tend to cost more.
 - d. Fourth best option: Speaker cables to the sub LOWER binding posts, then jumpers from the sub's UPPER posts to the monitors. In this option, it is an overkill to run expensive speaker cables to the subs as it needs little signal and the use of a 125Hz. passive high-pass filter in the way probably degrades the sound somewhat for the monitors. But you may choose this option if you have a very powerful amp that may be overpowered for the monitors. Since only frequencies above 125Hz. Is passed to the monitors, it lessens the impact on them.
 - e. Fifth option: Speaker cables to lower posts of the subs then jumpers to the monitors. This is just like the first option in reverse but it is not as good since the monitors are getting the signal after the jumpers. The first option is the preferred option.

6. Make sure that the On-Off switch of the sub amp is Off and plug the sub amp power cord into the wall socket. Turn the On-Off switch to the Auto position. Set the Phase switch to the Normal position. Turn the crossover frequency knob all the way to the right and the volume knob to the 10 o'clock position. Using an SPL meter like the Digital-Display Sound-Level Meter Model: 33-2055 found at a Radio Shack store and a test disc with lower frequency tracks such as the Stereophile Test Disc Number 1, measure the SPL level for frequencies from 20 Hz to 500 Hz. Use the volume and crossover frequency knobs on the sub amp to adjust for the flattest frequency response possible. Experiment with the crossover and volume adjustments on the subwoofer for best results.

Do not use household cleaners such as Windex or an alcohol-based cleaner to clean the finish as they may dull and craze the shiny surface. We recommend using Novus plastic cleaner and scratch remover that can be purchased at any Harley Davidson store (used to clean shiny surfaces on motorcycles).

WARRANTY

The Gingko Audio ClaraVu 7 carries a two-year warranty against manufacturing defects. Please complete, detach, and return the bottom of this page to:

GINGKO AUDIO
8 Nicklaus Lane
Farmingdale, NJ 07727
USA

Should your ClaraVu 7 ever need warranty or repair service, please contact us by calling 732-946-9439 or send an email to gingko@gingkoaudio.com. Do not attempt to repair the speakers yourself as it will void the warranty. Make sure you obtain a Return Authorization Confirmation before sending the speakers back to us. Please keep and reuse the speaker boxes and packing material to ensure safe shipping to us.

GINGKO AUDIO CLARAVU WARRANTY REGISTRATION

NAME:

ADDRESS:

EMAIL:

I PLAN TO USE THE CLARAVU IN A SYSTEM WITH THE FOLLOWING COMPONENTS:

ANALOG SOURCES

DIGITAL SOURCES

PREAMP

AMPLIFIER

CABLES

OTHERS
