

LIMITED WARRANTY
DCM VLS-2 Home Theater Sound System

The DCM VLS-2 system is intended for the reproduction of music in residential premises only and is warranted against defective materials or workmanship for a period of one year from the original date of purchase. This warranty extends to the original purchaser from an authorized DCM retailer only.

Defective parts will be repaired, adjusted or replaced with no charge for materials or labor if the purchaser returns the equipment together with the original sales receipt or other proof of purchase at the purchaser's expense to DCM Corporation at the address below. Warranty work will be performed within a reasonable time and the equipment returned to the purchaser at DCM's expense within the United States of America and Canada.

This warranty does not extend to equipment damage due to negligence, misuse, improper installation, shipping damage, abuse or accident.

No implied warranties shall extend beyond one year from the original date of purchase. Incidental and consequential damages are expressly excluded from this warranty and may not be recovered by a purchaser as the result of breach of any warranty. Some states do not allow the exclusion or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

Please save the original carton and packing material. If you move or the VLS-2 system requires service, pack the unit in this carton. Any damage in transit due to improper packing is not covered by the warranty and will not be recognized as an insurance claim by transportation companies.

DCM
LOUDSPEAKERS

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Due to our policy of continuous improvement, specifications are subject to change without notice.
DCM is a registered trademark of DCM Corporation. Visual Listening is a trademark of DCM Corporation.
Dolby, the double D symbol and Virtual Dolby Surround are trademarks of Dolby Laboratories Licensing Corp.

VIRTUAL
DD DOLBY
SURROUND



Before you plug in...



VLS-2 VISUAL LISTENING™
VIRTUAL DOLBY SURROUND™
HOME THEATER SOUND SYSTEM

SETUP & OPERATING INSTRUCTIONS



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE AMPLIFIER BACK

NO USER SERVICEABLE PARTS INSIDE

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION: TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADE CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

INTRODUCTION

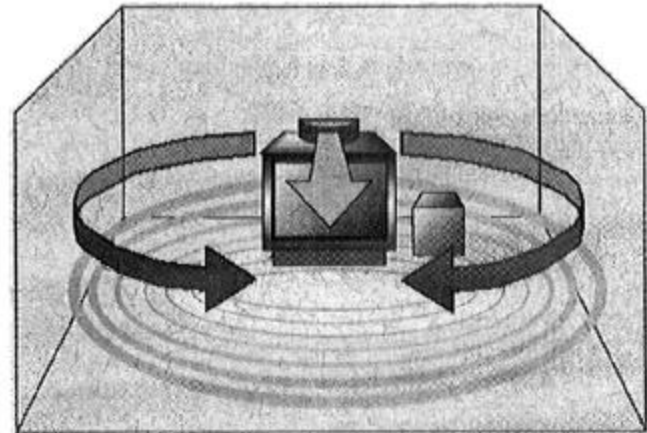
Thank you for purchasing the VLS-2 Visual Listening™ home theater sound system by DCM. The VLS-2 incorporates DCM's most advanced engineering in psychoacoustics and computer optimization – our Visual Listening™ technology – to deliver big home theater sound from a small system that is easy to connect and operate.

The VLS-2 system surrounds you with sound, not speakers and wiring. It combines DCM's proprietary loudspeaker design technology with Virtual Dolby Surround™ sound processing, creating a realistic 360-degree soundfield – including surround channel information. As used in the DCM VLS-2 configuration, Virtual Dolby Surround™ has been adapted to a single speaker module. When combined with the DCM VLS-2 powered subwoofer, the overall home theater sound experience is natural, dramatic and all-encompassing.

On video programs, the VLS-2 module and powered subwoofer will reproduce the full spectrum of frequencies encoded in the soundtrack. You'll hear and feel the full cinematic effect of storms, explosions, car chases, space ships, zooming airplanes and other exciting action, just as you would at the movies.

The product of over 25 years of DCM research, engineering and manufacturing experience, your new VLS-2 system has been designed to provide you with years of home theater listening enjoyment and compatibility with future technologies.

By following the instructions in this booklet, you'll find the VLS-2 Visual Listening System easy to set up, operate and maintain. If you have any questions or need more information, please contact your DCM retailer, or call DCM at 1-800-878-TIME between the hours of 9:00 a.m. and 5:00 p.m. Eastern Time, Monday through Friday.

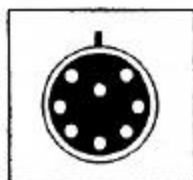


The VLS-2 Virtual Dolby Surround™ Sound System includes two components – a single speaker module that produces center channel, left main, right main and surround signals and a powered subwoofer that produces omnidirectional low frequencies.

CONNECTING THE SYSTEM TO YOUR TV

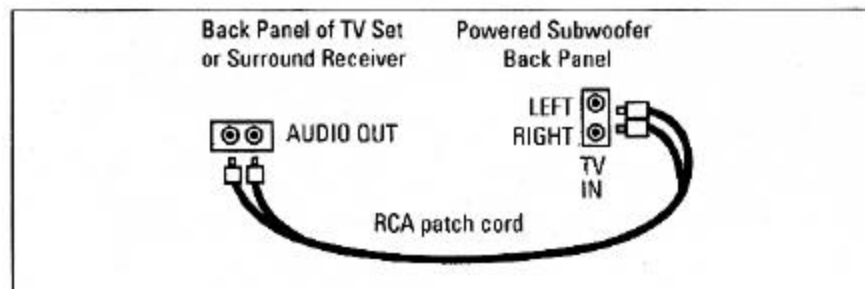
The VLS-2 system is designed for fast set-up and easy operation. Most people will use the VLS-2 system with a TV set for home theater sound playback, so please follow these steps to connect the VLS-2 system to your TV:

1. **Turn off power to your TV, VCR and other electronics.** This will prevent accidents such as short circuits from damaging your equipment.
2. **Put the speaker module on top of or under your TV screen, and the powered subwoofer near or behind your TV set.** The speakers need to be placed in these locations for optimum performance.
3. **Connect the speaker module to the powered subwoofer using the supplied "DIN" cable.** Plug one end of the speaker cable with "DIN" connectors into the speaker module's INPUT jack. Plug the other end into the powered subwoofer's OUTPUT TO MODULE jack. Do not force connectors. Align them to fit before inserting.



⚠ CAUTION! ALIGN YOUR DIN CONNECTORS!
BE SURE TO ALIGN THE DIN CONNECTORS CORRECTLY, WITH THE NOTCH SIDE UP AS SHOWN. IF YOU DO NOT INSERT THE DIN CONNECTORS IN CORRECT ALIGNMENT, YOU MAY DAMAGE THE AMPLIFIER.

4. **Connect your TV to the powered subwoofer.** Plug one end of a stereo RCA patch cord into the Left and Right TV IN jacks in the back of the powered subwoofer. (RCA patch cords are available at all electronics stores.) Plug the other end into the AUDIO OUT jacks on your TV set.
5. **Plug in the powered subwoofer.** Plug in the female end of the supplied AC power cord into the powered subwoofer and the male end into a three-pronged grounded wall outlet. Turn on the powered subwoofer.
6. **Turn on your TV set.** Adjust the speaker volume with your TV set's remote control unit and start enjoying your new VLS-2 home theater sound system.
7. **For best performance.** Turn off your TV set's built-in surround processing. Set TV balance directly in the middle and switch your TV speakers off. On newer model TV sets, these are all remote control functions.



OPTIONAL CONNECTIONS FOR ADDITIONAL SOURCE DEVICES

In addition to TV inputs, the VLS-2 is equipped with inputs to accommodate other input source devices such as VCRs, DVD players and portable CD players. If possible, other source devices should be connected through your TV set. This will allow you to control your video source through the TV remote control.

1. **Turn off power to your video source device and other electronics.** This will prevent accidents such as short circuits from damaging your equipment.
2. **Put the speaker module on top of or under your TV screen, and the powered subwoofer near or behind your TV set.** The speakers need to be placed in these locations for optimum performance.
3. **Connect the speaker module to the powered subwoofer using the supplied "DIN" cable.** Plug one end of the speaker cable with "DIN" connectors into the speaker module's INPUT jack. Plug the other end into the powered subwoofer's OUTPUT TO MODULE jack. Do not force connectors. Align them to fit before inserting.
4. **Connect your video source device to the powered subwoofer.** Plug one end of a stereo RCA patch cord into the Left and Right AUX 1 IN jacks in the back of the powered subwoofer. (RCA patch cords are available at all electronics stores.) Plug the other end into the AUDIO OUT jacks of your video source device.
5. **Plug in the powered subwoofer.** Plug in the female end of the supplied AC power cord into the powered subwoofer and the male end into a three-pronged grounded wall outlet. Turn on the powered subwoofer.
6. **Turn on your source device.** Adjust the MASTER LEVEL control on the powered subwoofer to find the setting for best performance.

NOTE ON AUXILIARY INPUTS

AUX 1 IN and AUX 2 IN. These auxiliary inputs have a higher input sensitivity than the TV input. You may have to adjust the MASTER LEVEL control for an appropriate signal strength.

Use only one source at a time. If you connect multiple input sources you will hear sound from multiple sources. This will not damage the equipment but will be very distracting.



VLS-2 back panel controls on the powered subwoofer cabinet

ADJUSTING THE MASTER LEVEL CONTROL

The MASTER LEVEL control is used to compensate for the difference in *input* signal strength among different TVs, VCRs, etc. This control will optimize the input signal so the system will play at a level that is satisfying, but not distorted. DCM suggests setting the MASTER LEVEL at the halfway point. This should be sufficient for most TVs and should not overdrive the system. For a quick test, turn up the TV volume to the 3/4 level. If the system produces a distorted sound, turn the MASTER LEVEL down. If the system seems too quiet, turn the MASTER LEVEL control up.

ADJUSTING THE WOOFER LEVEL CONTROL

When you have adjusted the MASTER LEVEL control to an appropriate level, you may want to experiment with the WOOFER LEVEL control. This allows you to mix the appropriate amount of bass with the main speaker output. Start with the WOOFER LEVEL set to the eleven o'clock position and listen to "full-bodied" material. Adjust to suit your listening preferences.

ADJUSTING THE MIDBASS BOOST CONTROL

Once you set the subwoofer volume to an appropriate level, you may want to experiment with MIDBASS BOOST. This control increases or decreases the amount of midbass relative to the speaker module. This control will help you "fine tune" your VLS-2 system for your room. If the bass sounds "boomy", try decreasing the midbass. If the bass lacks fullness, try increasing the midbass. In most cases, a moderate level of MIDBASS BOOST contributes to the entire surround sound effect.

ADJUSTING THE WOOFER PHASE CONTROL

The WOOFER PHASE control aligns the backward-forward motion of the subwoofer driver with the drivers in the speaker module. Experiment with this setting to achieve the bass response and system balance you want.

PLACEMENT OF YOUR POWERED SUBWOOFER

Low frequencies are relatively non-directional, so cabinet placement is not critical. Placing the subwoofer next to or behind the TV set will usually work best – this is the preferred location. Bass may increase when the subwoofer is placed nearer to a wall or corner. Room acoustics vary, so try different locations to achieve the results you want. Regardless of placement, the powered subwoofer should remain in an upright position so that the base of the cabinet is on the floor.

⚠ CAUTION!

POWER AMPLIFIERS ARE BUILT INTO THE SUBWOOFER CABINET. DO NOT PLACE THE CABINET ON OR NEAR HEAT SOURCES, SUCH AS FURNACE REGISTERS. ROUTE POWER CORD SO IT IS NOT WALKED OVER, PINCHED OR COMPRESSED.

PLACEMENT AND VIDEO SHIELDING

The VLS-2 speaker module and powered subwoofer cabinet are shielded to reduce magnetic emissions. However, the shielding may not be adequate for all installations. Large screen TVs are particularly sensitive to stray magnetic fields. If your TV produces distorted colors after VLS-2 installation, increase the distance between the speaker module and/or subwoofer cabinet and the TV set until your picture resumes normal color.

MAINTENANCE

Clean the VLS-2 cabinets with a soft, damp cloth and a mild, non-abrasive detergent. Do not use ammonia, alcohol or solvent-based cleaners because these could damage the vinyl cabinet finish. The speaker module grille cloth may be vacuumed or lightly sponged to remove dust or lint. Do not place cabinets in direct sunlight because this will cause the finish to fade over time.

SERVICE & TROUBLESHOOTING

If your VLS-2 system is not working properly, please inspect all your connections and review the instructions in this booklet. Check to make sure your AC wall power source is working by plugging in another appliance that you know works. If you still have problems, contact your DCM retailer. Your VLS-2 system has no user-serviceable parts and should be serviced only by an authorized DCM repair facility. Speakers are replaceable by authorized DCM technicians only. Please keep your VLS-2 carton and packing materials. In the event you need to transport or ship the components for service, it will help prevent damage to the components in transit.

TECHNICAL SPECIFICATIONS DCM VLS-2 Home Theater Sound System

<i>Frequency Range</i>	30 Hz to 20,000 Hz (Subwoofer/Module)
<i>Power Output</i>	Subwoofer: 100 watt power amplifier Speaker Module: Multiple 40 watt amplifiers
<i>Surround Sound</i>	Virtual Dolby Surround™ Processor
<i>Low Frequency Driver</i>	(1) 10-inch DCM woofer
<i>Subwoofer Controls</i>	Master level, midbass boost; and woofer phase adjustment
<i>Subwoofer Enclosure</i>	Ported bandpass
<i>Cabinet Finish</i>	Textured black finish
<i>Video Shielding</i>	Drivers are magnetically shielded to minimize video interference
<i>Cabinet Dimensions</i>	Speaker Module: 14"W x 3"H x 6"D Subwoofer: 14-1/2"W x 17"H x 15-5/8"D