

THIEL

Model SCS

Coherent Source[®]

loudspeaker system

OWNER INFORMATION

Congratulations on your purchase of the **THIEL** SCS loudspeaker system. It is the result of a dedicated effort to provide accurate music reproduction from a small enclosure. We have used very high quality components and taken great care in its construction. Properly set up and used with good associated equipment, the SCSs will provide you with a great deal of musical enjoyment for many years.

Unpacking

Your SCS system should include the following items packed with the speakers.

- 2 protective grilles
- owner information packet with this owner information, product literature and warranty registration card
- wall mounting hardware with 2 mounting screws and 8 rubber bump-ons

We recommend saving the carton and all packing material so that your speakers can be transported without damage should they require shipping during a move or for service.

Installing the Grille

The grille's **THIEL** logo can be rotated so it will read correctly from either a horizontal or vertical position. To change the logo's orientation, remove it by pushing it from behind, rotate the logo to the desired position, and push it back into the grille from the front.

The SCS grilles have 8 round metallic discs attached to the back which fit into corresponding magnetic openings on the cabinet's baffle. Align these discs with the baffle openings to secure the grille.

Speaker Placement

The SCSs are specially designed to give a high level of performance from a variety of room locations and positions, so placement is non-critical. They can be placed on bookshelves, mounted to walls, and positioned horizontally or vertically, while still providing a degree of realistic musical reproduction not usually obtainable with unusual or difficult placement conditions.

Connecting the Speakers

The SCS's input terminals are located at the rear of the cabinet. The SCS uses 5-way binding posts which accept several types of speaker cable termination (spade lugs, banana plugs, etc.). Regardless of the type of termination you use, *make sure all connections are tight.*

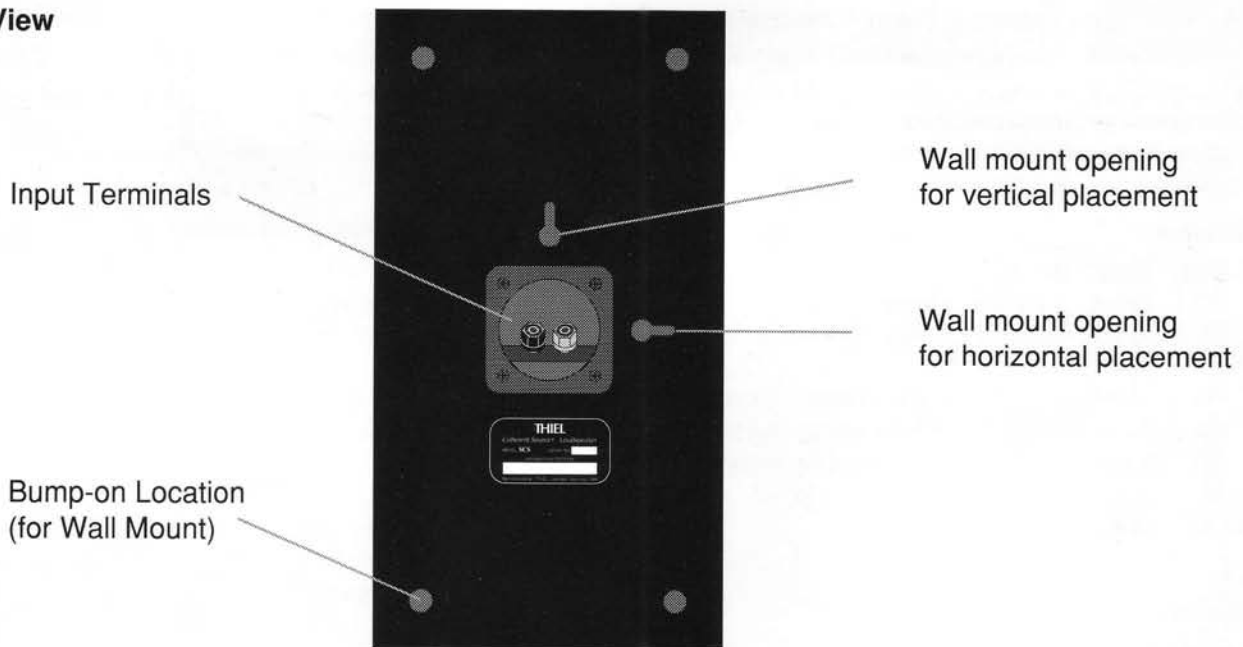
It is essential for proper performance that both speakers be wired in the same polarity. The speaker's input terminals are color coded to facilitate this. The wire connected to the red terminal of each speaker should be connected to the respective positive output terminals of the amplifier. The speakers should be connected to the amplifier with high quality speaker cable to ensure minimal loss of power and proper control by the amplifier. If the speakers are being connected to a vacuum tube amplifier with various impedance taps, the 4 ohm tap will probably provide the best results.

If the amplifier has a speaker fuse or if a fuse is used in-line with the speakers, we recommend a value of 2 amps of the normal blow-type. Although fuses offer some protection, they do not necessarily protect the speaker from all types of overload and also introduce audible degradation of the signal.

Associated Equipment

The SCS is a high quality sound reproducer and will benefit from use with very good associated equipment. Since it is very accurate, it will reveal sources of distortion generated elsewhere in the system. For example, distortion resulting from poor recordings or inferior electronics will be reproduced accurately. Also, the quality of the interconnect cables and speaker cables will significantly effect the performance of the system.

Rear View



Wall Mounting

The SCS is mountable, either vertically or horizontally, to flat surfaces such as walls. Mounting screws and rubber bump-ons are provided for this type installation. There are two openings on the rear of the cabinet for wall mounting. With the cabinet positioned vertically, the vertical mount opening is just above the input panel. In this vertical position, the horizontal mount opening is to the side of the input panel.

1) Position the mounting screw on the wall 3 inches above where you want the center of the speaker to be. This will be 5 inches below the top of the speaker if it is being mounted vertically, and 1 $\frac{1}{4}$ inches if mounted horizontally. Because each speaker weighs over 23 pounds, it is necessary to secure the screw to a wall stud, framing or other structure that can safely support this amount of weight. The 2 $\frac{1}{2}$ inch screw provided is intended for normal walls with $\frac{1}{2}$ inch dry wall; if you have different construction you will need a longer screw. Install the mounting screw so that $\frac{3}{4}$ inch of the screw remains above the mounting surface.

2) Remove the rubber bump-ons from the sheet and place one bump-on near each corner on the rear of the cabinet. The bump-ons will keep the cabinet away from the mounting surface to prevent unwanted vibrations or rattles. They also add space needed to run speaker cables.

3) Connect the speaker cables to the input panel on the rear of the speaker (see connection instructions) before mounting.

4) Locate the proper opening (for horizontal or vertical) on the rear of the cabinet and place the large part of the opening over the screw head, pushing the speaker against the wall until the bump-ons make contact with the wall. (It is important that the proper $\frac{3}{4}$ inch of screw length remains beyond the mounting surface to ensure a secure mount.) Then pull the speaker down until it is tight against the wall.

5) Test the security of the mounting. It should not be possible to move the speaker away from the wall. If you can, the speaker should be pushed down more over the mounting screw.

To remove the speaker from the wall it is important that the speaker first be lifted approximately $\frac{1}{2}$ inch before it is pulled from the wall. If you pull the speaker very hard without first lifting it, damage may result.

Cabinet Finish Care

THIEL wood cabinets possess a high quality lacquer finish that is both beautiful and durable. However, any wood finish can be damaged by excessive moisture, dryness, or direct sunlight. When cleaning your speakers, avoid using oils, waxes or polishes that contain silicone, such as Pledge or Johnson's. We recommend using Endust. *If you own a gloss black lacquer speaker, please refer to the instructions included with its special cabinet care kit.*

The grilles can be cleaned of dust by using an upholstery attachment of a vacuum cleaner.

We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, **THIEL** and the Electronics Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. Depending on room size and amplifier power, some home audio systems can reach sound pressure levels in excess of 90 decibels with peaks of over a 100 decibels. For your protection, the list below indentifies sound levels for various noises.

Decibel

Level Example

30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet

The Following Noises Can Be Dangerous Under Constant Exposure

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock concert in front of speakers, thunderclap
140	Gunshot blast, jet plane
150	Rocket launching pad

Information courtesy of the Deafness Research Foundation and the EIA.



Service

If your system requires service, contact your authorized **THIEL** dealer. If you need to contact the THIEL factory, service information and technical support is available Monday – Friday, 8:30 a.m. – 5:00 p.m. Eastern Time.

LIMITED WARRANTY

THIEL warrants every SCS system against defects in materials and workmanship to the original owner for a period of ten years from the date of purchase. **THIEL** will, at no charge, replace any defective part and make any repairs necessary to ensure its proper performance when the defective unit is returned to us postpaid.

This warranty does not cover damage due to accident or abuse and is void if the unit has been tampered with.

This warranty is automatic and no registration is required. This warranty gives you specific legal rights. You may also have other rights which are particular to your state.

The following information is for your records.

Serial Numbers _____

Purchase Date _____

Purchased From _____

THIEL

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