

Infinity®

Sterling TS

SATELLITE/SUBWOOFER SYSTEM

OWNER'S MANUAL

UNPACKING

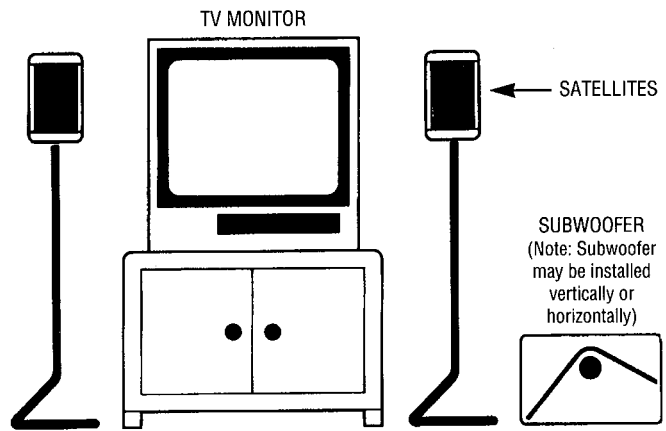
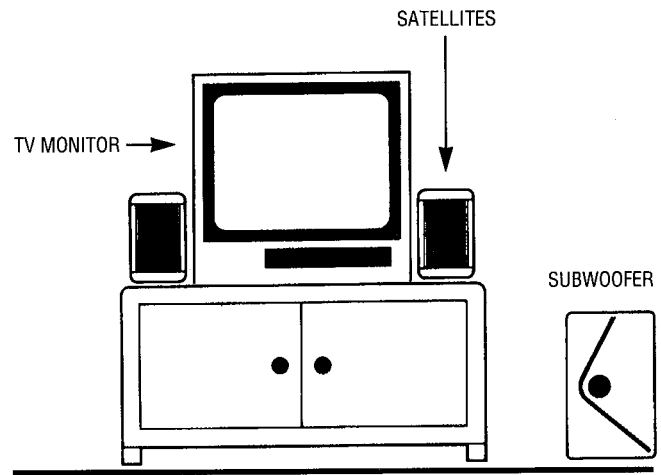
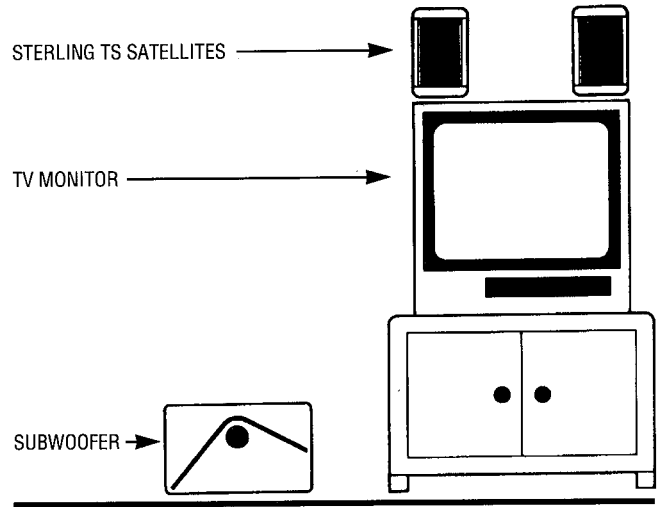
Inspect your speakers carefully after unpacking. If they have been damaged in transit, call your dealer or the trucking firm that delivered them for instructions on how to file a claim.

POSITIONING OF SATELLITE SPEAKERS

Proper positioning of the speakers within the listening room is of primary importance in order to achieve the best possible sound. Room reflections, furniture placement, heavy draperies, window reflections and so on can influence sonic quality, balance and the stereo image. It is essential to experiment with different locations to determine which placement offers the best overall balance and imaging.

For the best stereo effect, the speakers should be placed at least 7-10 feet apart. At times, angling the speakers slightly inward (toward the listening position) will add to overall spaciousness and deliver a more realistic sound stage.

The Infinity Sterling TS is extremely versatile and can be installed in a number of different ways. For example, you may install the satellites on top of or on the side of your TV monitor, on a wall (in a corner or on a flat wall) or on the floor tilted upward toward your listening position. A single Sterling TS may be used as a center channel, or you may use a pair for your rear channels. Furthermore, since the Sterling TS has been designed specifically to deliver superb audio sound, it also functions as an exceptional audio system for listening to CDs, LPs, cassettes and AM and FM.



MOUNTING

To mount the Sterling TS either vertically or horizontally on a wall or corner, proceed as follows:

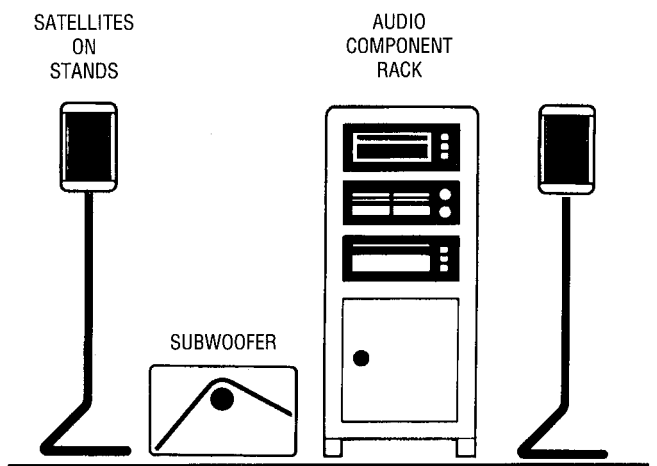
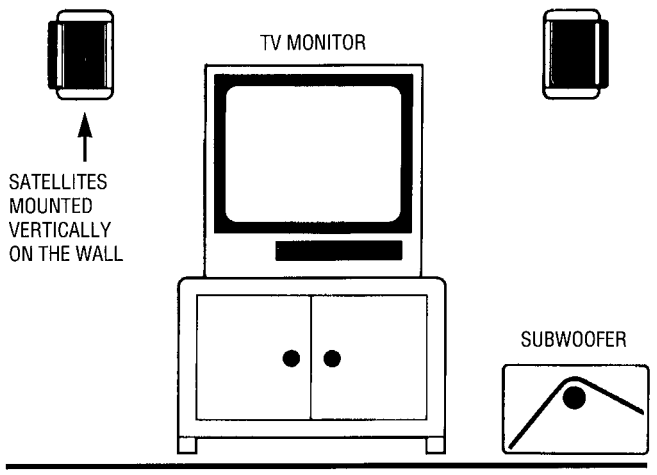
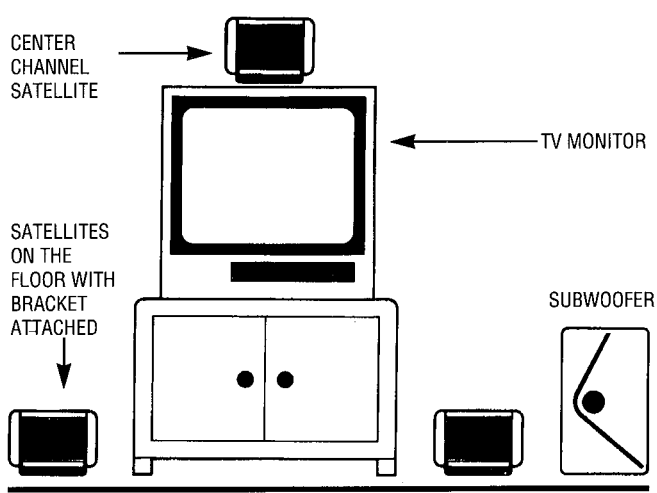
1. Remove the top and bottom plates of the satellites by turning them counterclockwise.
2. Slide the satellites away from their mounting brackets.
3. Connect the speaker wire to the black and red terminals located on the rear of the satellites (read the section on **CONNECTING THE SYSTEM** before making these connections if you are not familiar with how to observe polarity). Before connecting the speaker hookup wire, first slide it through the hole on the rear, top, or bottom of the mounting bracket. If you fail to slide the wire through the holes located on the mounting bracket, connection to the speaker will be very difficult later. See *Diagram A (page 3)*.

4. Mount the bracket on the wall or corner of your listening room. **Be sure that the screws holding the mounting bracket to the wall are screwed into a wall stud. If this is not possible, use a heavy duty moly for each screw. Make sure the moly cannot tear out of the wall.**

5. Replace the satellites into the mounting brackets and refasten the top and bottom end plates.
6. Carefully adjust the Infinity logo, as required. See *Diagram B (page 3)*.

NOTE: When wall or corner mounting the satellites, be sure the left and right speakers are at exactly the same height.

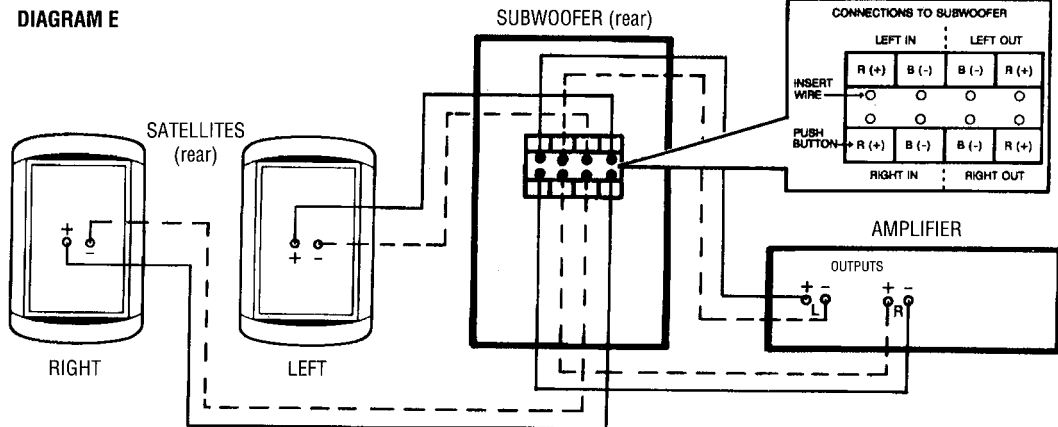
If you wish to mount the satellites to a wall and the mounting position is higher than ear level, it is recommended to install the satellites horizontally. Rotate them downward toward the



CONNECTING THE SUBWOOFER AND SATELLITES

The Sterling TS subwoofer is a passive system (does not have a power amplifier built into the enclosure) and can be used with any quality stereo integrated amplifier, receiver, or separate components. Observe the following procedures for installing the subwoofer.

1. Connect the Left and Right OUTPUTS of your amplifier to the corresponding Left and Right INPUT terminals on the subwoofer.
2. Connect the satellites to the Left and Right OUTPUT terminals on the subwoofer.
3. Observe polarity.
4. Refer to Diagram E for hook-up instructions.



NOTE: You may also connect your amplifier output (Left & Right) directly to the satellites, then connect the satellites to the subwoofer Left & Right inputs. Observe polarity.

POSITIONING OF THE SUBWOOFER

The performance of the Sterling TS subwoofer is directly related to its position in the listening room. At times, moving the subwoofer merely an inch or two can make a significant difference in the way it will sound.

If bass response is judged to be light, move the subwoofer closer to a corner. The corner enhances the subwoofer's ability to couple to the room and will create more bass. If bass response is judged too heavy, move the subwoofer away from the wall or corner.

The subwoofer does not have to be positioned between the two satellites for best overall sonic balance. It may be placed anywhere it sounds best. Low frequencies are non-directional which means you can place the subwoofer either in the middle or to the left or right of the satellites and obtain optimum bass balance. Experimentation by positioning the subwoofer in several different locations will reveal which position yields optimum results.

NOTE: The subwoofer may be mounted vertically or horizontally, but do not mount it so the port faces the floor. The port must remain unobstructed for proper performance.

A WORD OF ADVICE

It is not advisable to operate the subwoofer (and satellites) with the tone controls of your stereo system set to maximum boost. In fact, it is always good practice to keep the tone controls set to reasonable boost levels because excessive bass and treble can damage your satellites as well as the subwoofer.

The volume control settings on your stereo preamplifier, receiver or integrated amplifier is not an indication of the overall volume level of your system. The only important consideration is the loudness level at which the system can be played regardless of where the volume control is set.

Always turn down the volume when changing a record or switching inputs from AM to FM, phono or CD operation. Excessively loud transients (loud pops and clicks) can damage your speakers. Whenever changing plugs, cables, etc., always turn off

your system. This will prevent transients from reaching your speakers and also prevents electrical energy from reaching you. Keep electrical connections out of reach of children.

Acoustic feedback is created when sound waves from speakers reach a phono turntable and are fed back through the phono pickup to the power amplifier. It is a never ending cycle which can cause distortion across the entire audio band. To avoid acoustic feedback problems, place your turntable on a heavy, solid support and as far away from the speakers as possible. At times, isolating the turntable with special rubber mounts may aid in reducing this form of distortion.

An amplifier with limited power output can actually cause damage to your speakers. A lower powered amplifier, when played beyond its power capability, will clip. This generates spurious high frequency signals which, when routed to the tweeter, can cause it to overheat and fail. It is for this reason that choosing an amplifier with higher power is always a wise choice.

STERLING TS SATELLITE

Power Rating10 to 75 watts per channel, RMS
Frequency Response.....150 Hz to 25 kHz
Sensitivity90 dB @ 2.8 volts, 1 meter
Nominal Impedance6-8 ohms

STERLING TS SUBWOOFER

Power Rating10 to 100 watts per channel, RMS
Frequency Response.....45 Hz to 150 kHz
Sensitivity90 dB @ 2.8 volts, 1 meter
Nominal Impedance6-8 ohms

Note that you can use your amplifier's two channels of information for simple troubleshooting. If the sound quality is distorted, listen to each speaker separately to check if the fault is present in both. If it is, then the trouble is likely to be elsewhere in your system. If the fault is in one channel only, reverse the outputs from your amplifier to the speakers (right-to-left and left-to-right). If the distortion moves to the other channel, the fault is not in the speaker. (This technique may also be used to locate a fault between the signal source and preamp/receiver and/or between preamp and power amp(s). If you have been unsuccessful in locating the specific source of trouble (or if you have located it, but have been unable to correct it), make inquiries in the following order:

- ◆ Consult the Authorized Infinity Dealer from whom you purchased the system. Infinity Dealers are audio specialists and can be of great assistance.

If there is no authorized service facility near you, or in the unlikely event that the service facility cannot solve the problem:

- ◆ Write, phone, or FAX:

Infinity Systems, Inc. – CUSTOMER SERVICE
9409 Owensmouth Avenue, Chatsworth, California 91311
(818) 407-0228 • Fax (818) 709-7496

Describe the difficulty as specifically as possible. The Service Department will then advise you as to the action you should take.

Please ask for Customer Service. You may be instructed to take or send the problem part to a service facility for service under the terms of the warranty.

NOTE: DO NOT SHIP ANY PARTS OR WHOLE SPEAKERS FOR SERVICE WITHOUT PRIOR APPROVAL (“RETURN AUTHORIZATION”), AND DO NOT SHIP WITHOUT ENCLOSING A COPY OF YOUR ORIGINAL BILL OF SALE.

ACOUSTIC FEEDBACK

UNDERSTANDING MIN/MAX POWER RATINGS

SPECIFICATIONS

IN CASE OF TROUBLE WITH YOUR STEREO SYSTEM

LIMITED WARRANTY

Who is protected by the warranty?

Your Infinity warranty protects the original retail purchaser and all subsequent owners for a period of five (5) years (parts and labor) from any failure as a result of original manufacturing defect so long as: (1) your Infinity loudspeaker was purchased within the fifty United States or by military personnel from an authorized military outlet and (2) the original dated bill of sale is presented whenever service is required during the warranty period. This warranty does not apply to products purchased elsewhere; other purchasers should contact their local Infinity distributor for warranty information.

What does the Infinity warranty cover?

Except as specified below, this warranty covers all defects in original materials and workmanship. The following are not covered: damage caused by accident, misuse, abuse, neglect, product modification; damage occurring during shipment; damage caused by failure to follow instructions in the owner's manual, including failure to perform recommended periodic or routine maintenance; damage resulting from repairs by someone not authorized by Infinity; claims based upon any misrepresentations by the seller; and any Infinity product on which the serial number has been altered, defaced, or removed.

Who pays for what?

During the period of the warranty, subject to the above conditions, Infinity will pay all of the labor and material expenses to repair a warrantable defect.

How can warranty service be obtained?

In the event that your Infinity loudspeaker should require service, you should first contact the Infinity dealer from whom the product was purchased or, if this is not practical, contact Infinity directly (ATTN: Customer Service) at 9409 Owensmouth Avenue, Chatsworth, CA 91311 (818) 407-0228. We may direct you to an authorized service center for Infinity products or ask you to send them to us for repair. In either case, you will have to present your original bill-of-sale to establish warranty coverage. Do not send your speaker to us without prior authorization from our Customer Service Department.

You are responsible for transporting your product to either Infinity or an authorized service center and for payment of all shipping charges; however, Infinity will pay the return shipping charges (in the event you return the product to us) if the repairs are covered by warranty.

If you experience difficulty in transporting your product or are in need of packing materials, please advise us and we may be able to suggest alternative procedures and/or provide adequate packing materials.

LIMITATION OF IMPLIED WARRANTIES:

All implied warranties, including fitness for a particular purpose and merchantability are limited in duration and length to the warranty period for your product.

LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES:

Infinity is not responsible for any incidental or consequential damage of any kind. Our liability is limited to the repair or replacement, at our option, of a defective product.

Some states do not allow limitations on how an implied warranty lasts and/or do not allow the exclusion of incidental or consequential damage, 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 vary from state-to-state.

NOTE: In the event that there is a difference between this warranty and the provisions in any advertisements, product brochures or packaging cartons, the terms of this warranty will prevail.



We get you back to what it's all about. Music.

© 1993 Infinity Systems, Inc. 9409 Owensmouth Ave., Chatsworth, CA 91311
(818) 407-0228 • FAX (818) 709-0486

Infinity strives constantly to update and improve existing products, as well as create new ones, therefore, the specifications and construction details in this and related Infinity publications are subject to change without notice.