



THIS SYSTEM CONTAINS:

- 4 each LS130 Satellite Speakers
(left front, right front, left rear and right rear speakers)
 - 1 each LS130C Center Channel Speaker
 - 1 each SW380 Powered Subwoofer
 - 1 each UL Approved Power Supply
 - 4 each Wall Hangers and 16 Screws
 - Color Coded Speaker Wire
-

Congratulations on your purchase, and welcome to the AudioSource family of satisfied customers. Please take a few moments to read this manual before you start to install your new speaker system. Also, be sure to retain this document should you need to refer to it in the future.

The AudioSource System 230 Home Theater Speaker system is designed to accurately reproduce high fidelity music, including digital source materials. Movies and stereo television broadcasts will sound more realistic, putting you in the center of the action. The AudioSource System 230 Home Theater Speaker system is video shielded, allowing placement on or near your television or monitor screen without disturbing the monitoring device's performance. With proper placement you should be able to enjoy a true theater experience.

This manual is divided into two sections. The first provides information about the LS130 satellites and LS130C center channel speaker. The next section concerns the SW380 Powered Subwoofer.

LS130 & LS130C

CONNECTING YOUR SPEAKERS

The spring-clamp connectors will accommodate up to 16-gauge speaker wire. Strip the insulation back about 1/4 inch. Press the Spring-clamp in to reveal the opening of the connector, insert wire and release.

When connecting the speakers, be sure to maintain the correct polarity. Attach the wire from the **(+) Red** or positive terminal of the speaker to the **(+) Red** or positive terminal of the corresponding component's speaker output terminal. The **(-) Black** or negative terminal of the speaker must connect the respective **(-) Black** or negative terminal of the corresponding component's speaker output terminal. This is easy to do by observing the color, stripe or ribbing that appears on the speaker wire. **Note:** The LS130C Center channel uses a Green terminal for **(+)** or positive, where the LS130 satellites utilize a **Red** terminal for **(+)** or positive. All LS130 and LS130C speakers use **Black** for the **(-)** or negative terminal.

If any parts of this system are missing or damaged,
do not return to the store of purchase.

1.800.HELP.115

Please call AudioSource directly.

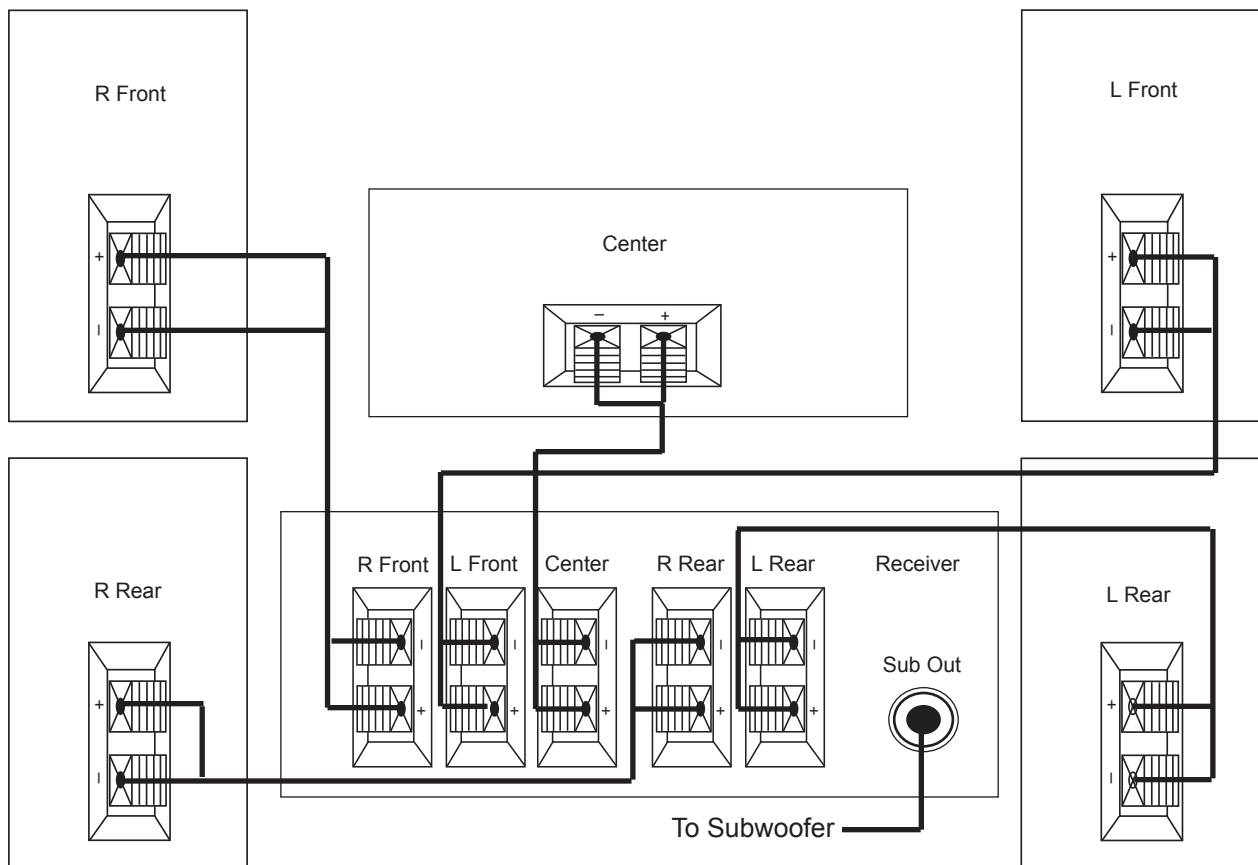
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SPEAKER PLACEMENT

The LS 130C Center Channel speaker should be placed as close as possible to the center of the television or display device, either above or just below the picture area. This locks the sound and dialog to the picture. Place the left and right front speakers away from the picture toward the corners of the room. They can be placed on bookshelves or wall mounted using the speaker hangers supplied in the System 230 package. Place the rear or surround speakers on the side walls, directly across or just behind your listening position. Typical placement is on the side walls, slightly above ear level, about two-thirds of the way back from the front of the room. This allows the surround speakers to aim directly at the listener, placing you in the middle of a five speaker sound field.

SPEAKER MOUNTING

The System 230 package includes four wall hangers for mounting any or all of the LS 130 speakers to the wall. For safety, always mount these speakers on a wall that is reinforced from behind by a wall stud or other rigid material. Never mount a speaker on a wall that is not reinforced or just drywall or plaster. If you are unsure about where and how to mount the speakers and conceal the wire, consult a professional installer or contractor. These speakers can also be placed on bookshelves and most speaker stands.



CONNECTION GUIDE

RECEIVER or SURROUND COMPONENT

connect the...

- | | | |
|--|---|-------------------------------------|
| 1) LEFT FRONT speaker terminals (+ & -) | → | left LS130 front speaker |
| 2) RIGHT FRONT speaker terminals (+ & -) | → | right LS130 front speaker |
| 3) LEFT SURROUND (REAR) speaker terminals (+ & -) | → | left LS130 surround (rear) speaker |
| 4) RIGHT SURROUND (REAR) speaker terminals (+ & -) | → | right LS130 surround (rear) speaker |
| 5) CENTER CHANNEL speaker terminals (+ & -) | → | LS130 C center channel speaker |

SPEAKER

to the...

If you need more information, we offer friendly, toll-free assistance.

1.800.HELP.115

You may also fax us 24 hours a day at 503.978.3302

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SW380 Powered Subwoofer

ABOUT SUBWOOFERS

Subwoofers extend the bass response of your system beyond the limitations of most speakers. The SW 380 powered subwoofer is used in conjunction with you left, center and right front speakers, as well as the left and right rear speakers of the System 230 to dramatically enhance the low frequency performance of the overall system with music, television and movies.

FEATURES OF THE SW380

The AudioSource SW380 features a highly efficient ported enclosure, a rugged 8-inch reinforced driver and an eighty watt amplifier with a passive low frequency crossover network. A choice of line level or speaker level input is provided for fast and easy connection to virtually any system. If your component has only a single RCA (Line Level) output, it is recommended to use a "Y" connector to feed information to both the left and right RCA (Line Level) inputs. If a "Y" connector is not readily available the subwoofer can be operated nominally with a single RCA connection at the right channel line level input.

PLACEMENT GUIDELINES

Prior to installing your SW 380 Subwoofer, please consider the following guidelines. Placing a subwoofer near a wall or in a corner will greatly increase it's perceived bass response. As frequencies reproduced by subwoofers are long and need room to propagate, a subwoofer placed near the listening position will not sound as full as one placed farther away. Please be careful about placing anything directly on top of your subwoofer, as the vibrations of the speaker cabinet could cause these items to shake loose or fall.

USING THE CONTROLS

Power

The Power Switch has two positions: OFF and ON. When the LED is lit, the power is on. Be sure that you have correctly connected the UL Approved AC Power Supply to your SW 380 before trying to operate the subwoofer.

Frequency

The Frequency Control sets the frequency below which the electronic crossover pass information to the amplifier to be reproduced as bass. If the frequency is set too low the subwoofer and the satellites will not blend together smoothly. If the frequency is set to high the mid-bass will be overstated and muddy. Since room conditions will cause variations in how individual speakers perform, the ability to adjust the crossover frequency of the subwoofer enhances its ability to work seamlessly with the other speakers. Start with the frequency at about mid point and work in both directions from there until you find the point where the sub seems to blend smoothly with your satellites. The satellites should be positioned before beginning to make adjustments to the subwoofer.

Level

The Level Control adjusts the volume of the SW 380. Once set, the level control should not require further adjustment. Begin with the level control at the minimum position. Slowly increase the volume of the SW 380 until you can hear the subwoofer. A Subwoofer playing too loud can give your system a "muddy" sound, so be sure to balance the level or volume of the SW 380 carefully with the your other speakers. Output level is relative and can vary from location to location within the listening area. Always return to your listening position to evaluate and changes. Note: Your surround receiver may provide the ability to balance the level of all speakers in the system using a Test Tone and the receivers remote control. See the manufacturers user manual for details on the proper procedure for this operation.

CONNECTING THE SW380

Line In

The RCA-type jacks of your SW 380 are designed to accept a line level signal from a receiver, preamp, surround processor, television or similar device. When using a single line level output from another component, a "Y"connector should be used to send the signals to both the left and right channel inputs.

Speaker Level Inputs

The Spring Clamp type speaker level connectors are provided to be used in the event that your receiver, preamp, surround processor, television or other component does not have a dedicated line-level subwoofer output, or other full range line-level output. The speaker level inputs should be connected to your components speaker outputs, and then you may connect your speakers to the speaker level outputs on the rear of the SW 380 subwoofer. The SW 380 extracts the information (signal) it needs from the speaker level signal, and then passes on the full range speaker level signal to your other speakers. Note: The speaker level and line-level inputs should never be used at the same time as damage to the subwoofer and your other components could result from such improper usage.

Safety Instructions

WARNING

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. To reduce the risk of electric shock, do not remove cover (or back); no user-serviceable parts inside. Refer servicing to qualified service personnel. To prevent electric shock, match the wide blade of the AC plug to the wide slot of the AC outlet, and insert fully.

ATTENTION

Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of non-insulated dangerous voltage within the products' enclosure that may be of sufficient magnitude to constitute a risk of electrical 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 appliance.

Read Instructions

All the safety and operating instructions should be read before the appliance is operated.

Retain Instructions

The safety and operating instructions should be adhered to.

Heed Warnings

All warnings on the appliance and in the operating instructions should be adhered to.

Follow Instructions

All operating and use instructions should be adhered to.

Water and Moisture

The appliance should not be used near water. For example, near a bathtub, wash-bowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool, etc.

Ventilation

The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug or similar surface that may block the ventilation openings; or be placed in a built in situation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

Heat

The appliance should be situated away from heat sources such as radiators, heat registers, or other appliances (including amplifiers) that produce heat.

Power Sources

The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

Grounding or Polarization

Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

Power Cord Protection

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed on or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

Cleaning

The speaker should be cleaned only as recommended by the manufacturer.

Non-Use Periods

The power cords of the appliance should be unplugged from the outlet when left unused for a long period of time.

Object and Liquid Entry

Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

Damage Requiring Service

The appliance should be service by qualified personnel when; a) the power cord or the plug has been damaged; b) objects have fallen, or liquid has been spilled into the appliance; c) the appliance has been exposed to rain; d) the appliance does not appear to operate normally or exhibits a marked change in performance; e) the appliance has been dropped, or the enclosure damaged.

Servicing

The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Product Servicing

In the event your System 230 fails to operate properly, please contact the dealer where you purchased the unit, or you may contact AudioSource directly for further assistance.

Specifications:

Powered Subwoofer:	100W, 30Hz ~ 250Hz
Inputs:	Line Level or Speaker Level with Speaker Level Pass Through
LED Power Indicator	
Subwoofer Level Control	
Low Pass Frequency Adjustment	
Frequency Response:	<i>Satellites:</i> 180Hz to 20kHz ± 5dB <i>Center Channel:</i> 180Hz to 20kHz ± 5dB <i>Subwoofer:</i> 30Hz to 250Hz ± 10dB
Recommended Amplifier Power:	50 to 100 Watts per Channel
Speaker Wire Provided:	<i>Center Channel (one piece)</i> = 3m <i>Satellites (four pieces)</i> = 7m each



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