

Important Safety Precautions

Attention:

Please read these instructions thoroughly before attempting to operate your JENSEN Subwoofer. Be sure to save this manual for future reference. Also save your bill of sale, as it may be required for warranty service.

Caution:

Please ensure that the correct plug is used on your AC outlet.

Cleaning - Unplug the JENSEN Subwoofer from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Attachments - Do not use attachments not recommended by JENSEN, as they may cause hazards.

Water and Moisture - Do not use the JENSEN Subwoofer near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement, near a swimming pool, or similar locations.

Ventilation - Slots and openings in the JENSEN Subwoofer are provided for ventilation, to ensure reliable operation and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. The JENSEN subwoofer should not be placed in a built-in installation, such as a bookcase or rack, unless proper ventilation is provided or JENSEN's instructions have been followed.

Power Sources - The JENSEN Subwoofer should be operated only from the type of power source indicated on the marking label. If you are not sure of power supply to your home, consult your JENSEN dealer or local power company.

Grounding and Polarization - The JENSEN Subwoofer may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug is still unable to fit, contact your electrician to replace your obsolete outlet.

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

Lightning - For added protection for the JENSEN Subwoofer during a lightning storm, or when left unattended and unused for long periods of time, unplug from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the JENSEN Subwoofer during lightning strikes and power-line surges.

Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles, as this can result in risk of fire or electric shock.

Object and Liquid entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the JENSEN Subwoofer.

Servicing - Do not attempt to service the JENSEN Subwoofer yourself. Opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified JENSEN service personnel.

Damage requiring service - Unplug the JENSEN Subwoofer from the wall outlet and refer servicing to qualified personnel under the following conditions:

- a. When the power-supply cord or plug is damaged.
- b. If liquid has been spilled, or objects have fallen into the product.
- c. If the product has been exposed to rain or water.
- d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. An improper adjustment may result in damage requiring extensive work by a qualified technician to restore the JENSEN Subwoofer to its normal operation.
- e. If the JENSEN Subwoofer has been dropped or damaged in any way.
- f. If the product exhibits a distinct change in performance.

Replacement parts - When replacement parts are required, be sure the service technician has used replacement parts specified by JENSEN, or those having the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock or other hazards.

Safety check - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

Heat - The JENSEN Subwoofer should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

JP10SW

HOME **JENSEN**[®] AUDIO

PowerStation

Introduction

Check your system carefully. If it has been damaged in transit, report the damage immediately by calling your JENSEN dealer and/or the trucking firm that delivered it. Observe all warnings and cautions.

Warning

To prevent fire or shock hazard, DO NOT EXPOSE this subwoofer system to rain or excessive moisture.

We recommend that you not operate your speakers or subwoofer with the bass, treble and loudness controls set to full boost. This will place undue strain on the electronics and speakers and could damage them.

The volume control setting on your Receiver is not a specific indication of the overall loudness level of the speakers. The only important consideration is the loudness level at which the system can be played, regardless of where the volume control is set.

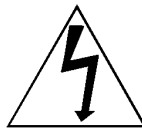
Whenever changing cables, pulling plugs, etc., ALWAYS TURN OFF ALL EQUIPMENT including the Subwoofer. This prevents transients from entering the speakers and prevents electrical energy from reaching you. Keep all connections out of the reach of children.

To avoid electrical shock, DO NOT OPEN THE SUBWOOFER! There are no user-serviceable parts inside.



WARNING: SHOCK HAZARD - DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER. NO USER SERVICEABLE PARTS INSIDE. REFER 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 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 product.

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Your JENSEN Subwoofer delivers powerful, deep bass sound output for a natural, life-like sonic experience. Please follow the directions in this manual to achieve the best performance from your system.

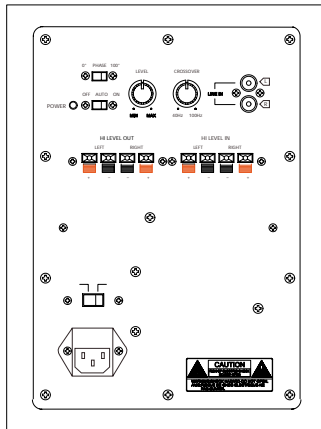
The hook-up and operation of the Subwoofer is the same for a Home Theater surround sound system or a stereo music system. The Subwoofer has its own built-in amplifier, so it works with any sound system. The Subwoofer's own crossover network sends bass-only signals to the Subwoofer's built-in amplifier. This lets the Subwoofer add extra bass to the output from your other speakers.

For simplicity, we call your Home Theater system's or music system's main speakers the Front speakers. We call your AV receiver, stereo receiver, or integrated amplifier the Receiver.

Placement

Your JENSEN Subwoofer must sit on the floor, preferably in a corner, to work properly. The floor and corner are actually a part of the Subwoofer's design.

Place your Subwoofer in the corner nearest your system's electronic components to keep wire or cable runs short.



Controls & Connections

Power Cord – Plug the power cord into an AC wall outlet or other AC outlet capable of supplying at least 200 Watts.

Power Switch – Turns the AC supply completely OFF or sets the Subwoofer to AUTO ON operation. In AUTO ON, the Subwoofer is in standby mode until it detects an audio signal input, then the Subwoofer turns on automatically. A few minutes after audio input signals cease, the Subwoofer automatically returns to standby mode.

Power Indicator LED – This LED is unlit when the AC power switch is OFF. It glows RED when the subwoofer is in standby mode and GREEN when the subwoofer is on.

FUSE 250V 2A – This fuse protects against internal and external faults. If the POWER switch is ON and the power indicator LED is unlit, unplug the power cord from the AC outlet and check the fuse by unscrewing the center piece from the holder. **IMPORTANT**- If the fuse is blown, replace it only with a fuse of the same type and current rating.

L, R SPEAKER-IN Terminals – See Connection Option 1. These terminals are for making connections using speaker wire. If you use this option, do not use Option 2.

LINE IN Jack – See Connection Option 2. This jack is for input connection using an audio cable. If you use this option, do not use Option 1.

LOW PASS FREQUENCY Control – Adjusts the upper frequency limit for audio signals going to the subwoofer amplifier. This control helps you adjust the system tonal balance.

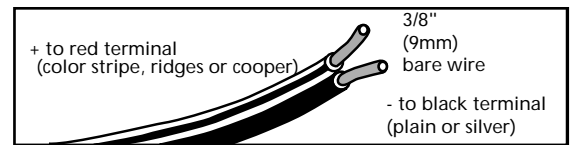
LEVEL Control – Balances the loudness of the Subwoofer relative to the Front speakers and compensates for room effects on the Subwoofer's output.

Connecting your Subwoofer

IMPORTANT – When you make connections, make sure that the power switches of all components, including the Subwoofer, are OFF.

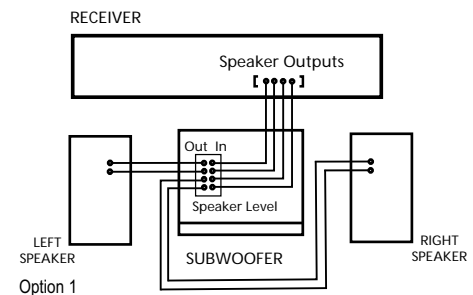
Speaker wire Typical speaker wire has a pair of separate conductors with insulating jackets that are molded together. We recommend that you use 16-gauge speaker wire for hooking your Receiver to your Front speakers. To make connections to

the Subwoofer in parallel with the Front speakers easier, the speaker wire connecting the Receiver to the Subwoofer can be smaller (higher gauge number), since the Subwoofer does not draw large amounts of power through these wires.



Polarity All speakers in a system must be connected with the same polarity. Speaker wire is marked for polarity so that you can identify which wire in the pair is which. Polarity is shown by a color stripe on the insulation, by ridges molded into the insulation, or by the colors of the wires – one copper and one silver. Strip the insulation from speaker wire ends to reveal the bare conductors before connecting to Receiver, Subwoofer or Speaker terminals.

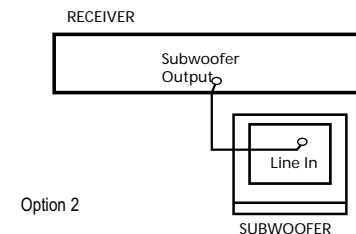
IMPORTANT – Always connect the red (+) terminal on the Receiver to the red (+) terminal on the Subwoofer, and the black (-) terminal on the Receiver to the black (-) terminal on the Subwoofer. The same is true for hooking the Receiver outputs to the Front speakers: red (+) to red (+), and black (-) to black (-). **Important: Use Option1 or Option 2, not both.**



Connection with speaker wire

Connect speaker wires from the Receiver's front left and right speaker outputs to the Subwoofer's Speaker Level-In connections. Connect left channel to left input and right channel to right input. You have the option of connecting your main speakers to the speaker B outputs on your Receiver, if it is so equipped, or you also have the option of connecting your main speakers using the connections on the Subwoofer. This will pass the audio signal to your main speakers, except the low bass which will be produced by your Subwoofer. To use this connection option, connect your main speakers to the right and left outputs on the Subwoofer (see illustration 1). Be sure you take care to maintain proper signal polarity, red to red and black to black.

Subwoofer Adjustment & Use



Subwoofer initial control settings

- Set the LOW PASS FREQUENCY Control to its center position
- Set the LEVEL Control fully counterclockwise to MIN. You'll reset this control after you make other adjustments.

Adjusting the Subwoofer controls

Adjusting the Subwoofer controls

- Play a program on your system. Use a Dolby® Digital or Dolby® Prologic signal, or a music CD. Adjust the Receiver's volume control for a comfortable sound level from the system speakers.
- Increase the Subwoofer's LEVEL Control setting clockwise, so that you hear the deep bass. Adjust the control for a natural, musical balance that has plenty of deep bass sound when it's actually present in the music.
- Listen carefully to bass voices and, if needed, adjust the LOW PASS FREQUENCY Control so that they sound natural. Setting the frequency too high will make deep voices soundly excessively "chesty" or resonant and will give the upper bass in music a "one-note" quality. Setting the frequency too low will make deep voices sound "thin" and will give the music a lack of "warmth."
- Make fine adjustments until the program has satisfying and natural sound quality on both bass voices and music.

Troubleshooting

Subwoofer POWER Indicator LED does not light

- Check the AC outlet the Subwoofer is plugged into to be sure that it is live. You can use a tester or plug in a lamp to check it.
- If the AC outlet is live, either the power cord or Subwoofer has a problem. Unplug the power cord from the AC outlet and check the fuse by unscrewing the center piece from the holder. If it is blown, replace the fuse only with a fuse of the same type and rating. If this doesn't help, take the Subwoofer to your dealer for service — THERE ARE NO USER-SERVICEABLE PARTS INSIDE.

No sound from the Front speakers

- Be sure the Receiver and Subwoofer POWER switches are in the ON positions.
- Check the Receiver's Volume Control setting — if it is all the way down, there won't be any sound.
- Check that the Receiver's Input Selector is set to an active source of audio signals and that a Tape Monitor Loop is not engaged.
- Be sure that the Receiver's Speaker Selector switch is turned on to the terminals [A or B, 1 or 2] that you have your Front speakers connected to. If the Receiver has a headphone jack, you can use headphones to check the Receiver for output.
- Check the wires and connections from the Receiver's Front Speaker Output terminals to the Subwoofer's SPEAKER-IN terminals.
- Try removing the Subwoofer from the system, leaving your Front speakers connected to the Receiver. If there still is no sound, take the Receiver to your dealer for service.

No sound from the Subwoofer

- First, be sure there is sound from the Front speakers and that the Receiver is working correctly as outlined above.
- Check the Subwoofer's LEVEL control. If it is all the way counterclockwise, there may be no sound.
- The Subwoofer only reproduces deep bass sound. If the program has no deep bass, the Subwoofer will not make any sound. Play a program with plenty of bass, such as jazz or rock music, or an action movie.
- If everything else checks OK, take the Subwoofer to your dealer for service - THERE ARE NO USER-SERVICEABLE PARTS INSIDE.

Specifications

Driver Complement and Enclosure
10" (cm) Woofer in a tuned-port enclosure
Frequency Response: 25.4Hz-150Hz
Amplification: Power output : 100 Watts RMS into 4 Ohms
Total Harmonic Distortion: 10% @ 100 Watts output
Crossover frequency (-3dB): Variable
Special Features: Gain-Variable
Finish: Black Pica
Dimensions (HxWxD):
15.25"(38.7cm) x 13.75"(39.9cm) x 13.5"(34.3cm)
Weight: 24 lbs (10.9kg)

Limited Warranty

This warranty remains in effect for five years from date of purchase for speaker components, one year on subwoofer amplifiers and electronic components.

This warranty protects the original owner providing that the product has been purchased from an authorized JENSEN dealer in the United States. The original bill of sale must be presented whenever warranty service is required. For warranty service outside the United States, contact the authorized JENSEN distributor in the country where the product was purchased.

Except as specified below, this warranty covers all defects in material and workmanship.

The following are not covered: Damaged caused by accident, misuse, abuse, product modification or neglect, damage occurring during shipment, damage from failure to follow instructions contained in the owners manual, damage resulting from the performance of repairs by someone not authorized by JENSEN, or any claims based on misrepresentations by the seller. This warranty does not cover incidental or consequential damages. It does not cover the cost of removing or reinstalling the unit. This warranty is void if the serial number has been removed or defaced.

You are responsible for transporting your product for repair. However, JENSEN will pay return freight charges if the repair is covered under warranty.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above may not apply to you.

How to Obtain Service

Please contact us at (800) 225-09847 or write to:
JENSEN (Attention: Customer Service Department)
527 Stone Road, Benicia, CA 94510.

We will promptly advise you of what action to take. We may direct you to an authorized JENSEN Service Center or ask you to send your speaker to the factory for repair. You will need to present the original bill of sale to establish the date of purchase. Please do not return the product to the above address, as it is not a service location. You are responsible for transporting your product for repair and for payment of any initial shipping charges. However, we will pay the return shipping charges if the repairs are covered under warranty.