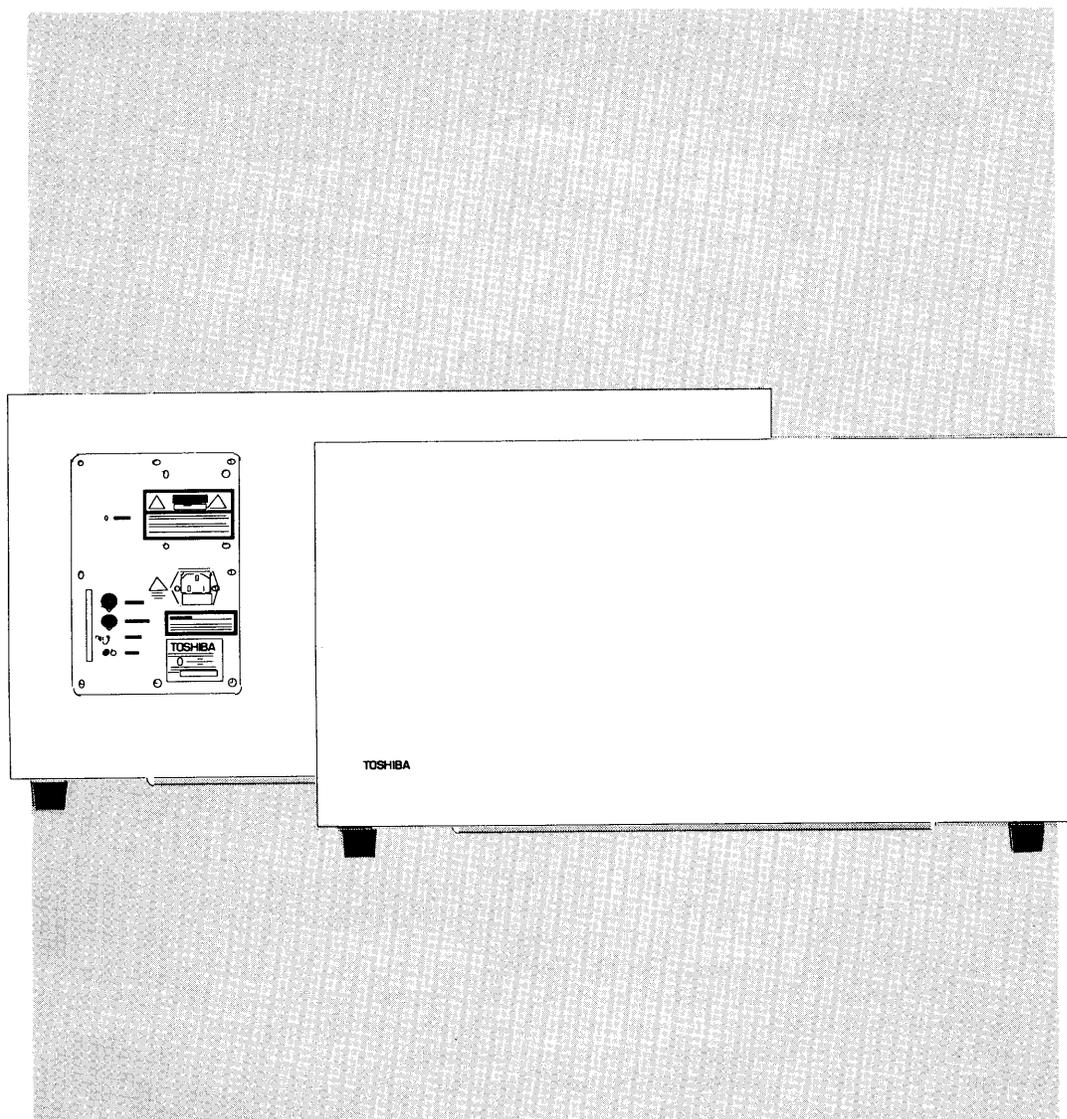


TOSHIBA

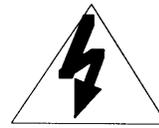
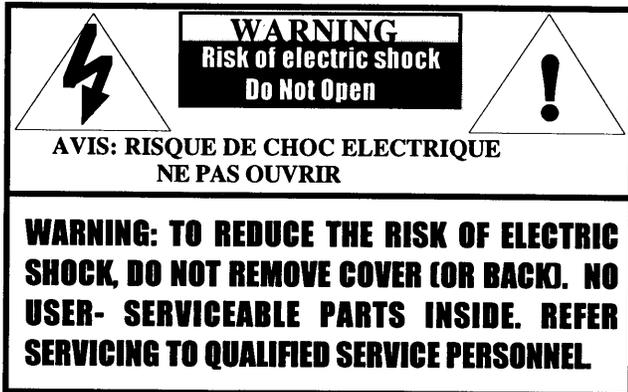
Speaker Systems

OWNER'S MANUAL

SSW1020 Subwoofer



**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK,
DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE!**



The lightning symbol in the triangle tells you that the voltage inside this product may be strong enough to cause an electric shock. **DO NOT TRY TO SERVICE THIS PRODUCT YOURSELF!**



The exclamation point in the triangle tells you that important operating and maintenance instructions follow this symbol.

Safety Precautions

- **Read Instructions:** All safety and operating instructions should be read before the product is operated!
- **Retain Instructions:** The safety and operating instructions should be retained for future use!
- **Heed Warnings:** All warnings on the product and in the operating instructions should be adhered to.
- **Follow Instructions:** All operating and use instructions should be followed.

- **Attachments:** Do not use attachments not recommended by the product manufacturer as they may cause hazards.
- **Water and Moisture:** Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool. This product is not for outdoor use!
- **Power Sources:** This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
- **Grounding and Polarization:** This product is equipped with with a polarized alternating-current line plug (a plug having one side wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug!
- **Power-Cord Protection:** Power-supply cords should be routed so that they are not likely to be walked upon 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 product.
- **Lightning:** For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.
- **Overloading:** Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- **Servicing:** Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to Toshiba qualified servicing personnel only!
- **Heat:** This product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Damage Requiring Servicing- Unplug this product from the wall outlet and refer servicing to qualified Toshiba service 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 this 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 as an improper adjustment to other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal condition.
- e) If the product has been dropped or damaged in any way.
- f) When the product exhibits a distinct change in performance - this indicates a need for service.

Dear Customer

Welcome to the high quality sound world created by **TOSHIBA** Home Theater Speaker Systems.

This owner's manual applies to model SSW1020 subwoofer.

This manual will help you enjoy the exciting realism of the subwoofer.

Before operating your subwoofer, please read all the safety and operating instructions in this manual thoroughly, and keep it for future reference.

Customer's Record

- You will find the model number and serial number on the back of the subwoofer.
- Record these numbers in the spaces provided below
- Refer to them whenever you call upon your **TOSHIBA** dealer regarding this product.

Model Number _____

Serial Number _____

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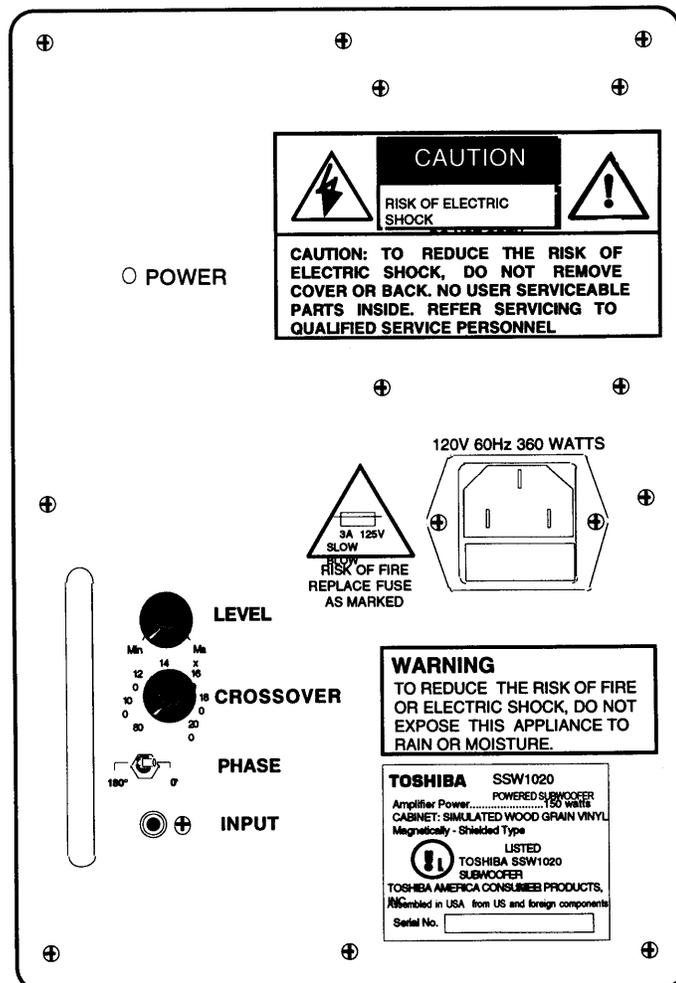
1. Set-Up & Connecting

Before making any connection to your SSW1020 subwoofer, switch your amplifier to STANDBY or OFF to prevent damage and risk of electrical shock.

Do not connect the power cord and activate the unit until proper connection has been accomplished between the SSW1020 and your Toshiba XB-2000 or other surround sound amplifier!

Your SSW1020 is an amplified subwoofer, meaning that it only requires preamp-out type signal to operate correctly. Do not attempt to connect your SSW1020 to any kind of terminal other than an RCA female connector which is clearly marked as "Subwoofer Pre Out" or "Subwoofer Output"! Any kind of black and red snap terminal, binding post, etc., is an amplified output and will cause damage to your SSW1020. When in doubt, contact your dealer or the Toshiba Customer Support Center at (800)631-3811.

A long, single-channel interconnect wire has been provided with your SSW1020 for making connection. The RCA male connectors at the ends of the interconnect should be inserted into the Subwoofer Pre Output RCA connector on your surround sound amplifier and at the Input



RCA connector on the lower left corner of the amplifier mounting plate (see above). You are now ready to attach the power cord and activate your SSW1020 subwoofer. When you connect the power cord, expect the subwoofer to make a mild “thump” sound. This is quite normal from the large woofers within your SSW1020 and will not damage the unit in any way.

Three controls are present on the SSW1020 and are adjustable for optimal performance within your home theater system. These are displayed on the diagram above. The controls are:

Level: You can adjust the individual loudness level of the SSW1020. While the home theater system, and the SSW1020, are controlled chiefly by your Toshiba XB-2000 or other surround sound amplifier, the output level of the SSW1020 can be increased or decreased in accordance with your tastes. Once you set a level that best suits your theater environment, then leave the SSW1020 set at that level and let your amplifier provide overall system loudness.

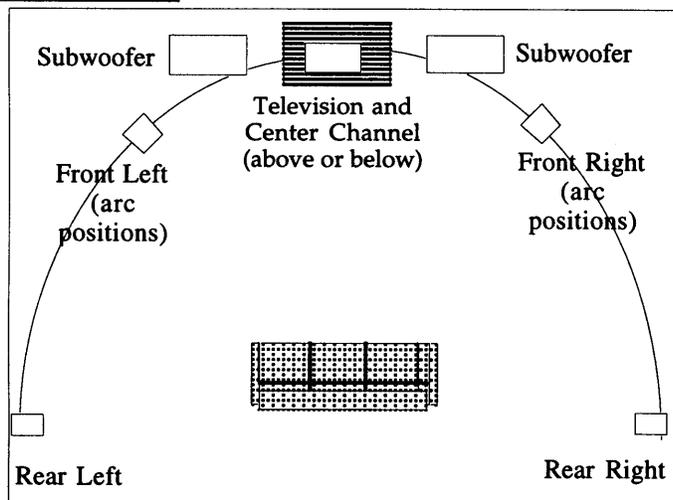
Crossover: This allows you to adjust the crossover frequency point upward or downward to meet the needs of your home theater. Recommended operating frequencies are:

- 100 Hz CD, mainly music playback
- 125 Hz optimal for video sound reproduction

Every room is different, making an impact on the overall performance of your home theater system. While most people will find the recommended frequencies just right, some may wish to experiment with different frequencies and their impacts on system performance. A lower crossover frequency provides emphasis and maximum power over the lowest frequencies produced by the SSW1020, while a higher crossover frequency may provide a warmer mid-range sound and improved spaciousness in sound reproduction.

Phase: This feature allows you to optimize the synchronization of low-frequency information between your SSW1020 subwoofer and the other speakers in your home theater environment. Diminished or weak low-bass performance is an indication that all speakers are not well synchronized, whereas full, powerful bass indicates very good synchronization of the system. Your room is a major factor in synchronization, so the phase switch has been provided for you to change phase for performance optimization. Experiment with this feature and see which position gives your system the best overall bass performance.

2. Placement

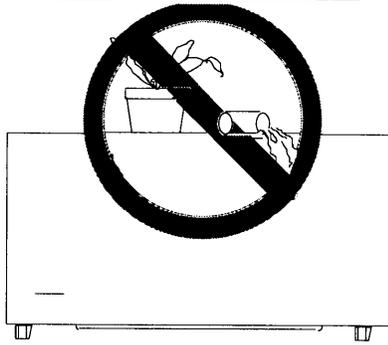


In a home theater environment, placement for the speakers is closely tied to the location of your television. The diagram at left will provide you with the general lay-out of your home theater system, indicating the variety of positions for all the speakers. When setting up your system, try to avoid placing other furnishings between the speakers and your viewing/listening position or directly alongside the speakers as these can diminish sound quality.

Your speakers should be placed along an arc with the television and center channel

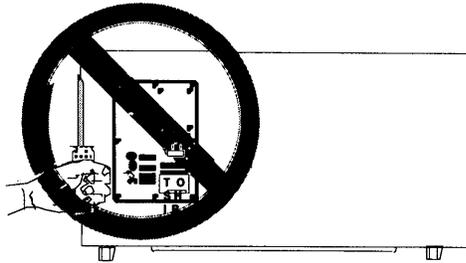
speaker in the middle. The SSW1020 subwoofer is designed for excellent bass dispersion, so placement near or along the arc may give you the best performance within the system. If space or physical presentation allow, you can place the SSW1020 in other locations within your room. Try to avoid placement in corners as this can cause a very lop-sided dispersion of bass energy into the room, known as corner-loading, and will exaggerate the subwoofer’s output level. A little experimentation will give you both excellent performance and a satisfactory placement location in your room.

3. Care and Maintenance



Do not place containers with liquids such as drinks or house plants on the subwoofer.

If any foreign matter or water has gotten into the subwoofer, disconnect the power cord, then contact your dealer immediately!

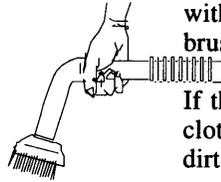


Caution: Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. REFER ALL SERVICING TO QUALIFIED TOSHIBA SERVICE PERSONNEL ONLY!

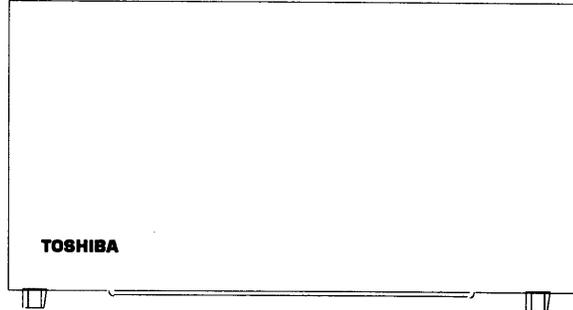
•Never remodel the cabinet or components.

Caution: unplug this product from the wall outlet before cleaning! Do not use liquid or aerosol cleaners!

When the cabinet becomes dusty, clean it with a vacuum cleaner and soft bristle brush attachment.



If the cabinet becomes dirty, use a damp cloth and neutral detergent to remove the dirt, then wipe dry with a cloth.



4. Specifications

Specifications

Description

Frequency Response

Crossover Frequency

Crossover Network

Nominal Impedance

Amplifier Output

Driver Complement

Dimensions

SSW1020

Two-way compression loaded, downward vented

30Hz-200Hz \pm 3 dB

80Hz - 200Hz, adjustable

Third-order Butterworth

4 Ω

150 watts RMS into 4 Ω

2 shielded 10" woofers

18"h x 32"w x 18"d

6. Troubleshooting



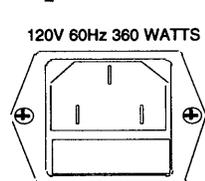
WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE AMPLIFIER MOUNTING PLATE FROM CABINET! NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED TOSHIBA SERVICE PERSONNEL ONLY!



DO NOT ATTEMPT TO CHANGE THE EXTERNAL POWER FUSE WITHOUT DISCONNECTING THE POWER CORD FROM THE SSW1020 POWER CONNECTOR! RE-INSTALL FUSE HOLDER BEFORE PLUGGING IN POWER CORD TO POWER CONNECTOR

To determine whether your SSW1020 subwoofer is operating, select the “Test Tones” output of your Toshiba XB-2000 surround-sound amplifier GUI. Instructions for their use are in your XB-2000 manual and will allow you to sweep all speakers in the system. If you are not using the Toshiba XB-2000 surround-sound amplifier, refer to the applicable operating instructions to determine whether your amplifier can provide a similar test and testing instructions. We also recommend that you check the POWER ON light on the subwoofer controls at the rear of your SSW1020. If your subwoofer does not appear to be operating, the following items should be checked:

- 1) Check the power cord for firm connection at the wall outlet and subwoofer control panel. Loose connections will prevent power from reaching the amplifier. The POWER ON light will come on when the amplifier is energized and go off if power is disconnected. If connections are firm, the POWER ON light should come back on.
- 2) If connections are firm but the subwoofer still does not operate, you should check the power fuse to see that it is intact. **You must disconnect the power cord at the amplifier to check the fuse!** This is to ensure your safety and to prevent



the risk of electric shock. The power fuse is located in a small drawer, directly below the three-pronged power inlet on the SSW1020 control plate at the rear of the subwoofer. After **disconnecting the power cord**, remove the drawer and check the fuse visually to see if it is broken internally. You may also wish to test the fuse with an amp meter to insure connection at

both ends. If in doubt, replace the fuse with a new **3 Amp 125V Slow-Blow** fuse only. Do not install any other kind of fuse in its place, you could damage the SSW1020 amplifier and void your warranty. After the fuse is returned to the drawer, reinstall the drawer into the slot beneath the power inlet, closing it fully before reinserting the power cord. If after checking and/or replacing the power cord the SSW1020 does not operate, either a household power circuit is not operating (you can check the wall outlet with a lamp) or the amplifier has sustained damage. For this, you should contact the Toshiba Customer Support Center at (800)631-3811 to arrange servicing.

- 3) If the POWER ON light is lit but you are not hearing any sound from your SSW1020 subwoofer, you may not have firm connection of the interconnect/patch cord from your surround-sound amplifier to the subwoofer. Disconnect the power cord at the subwoofer and check the interconnect/patch cord to ensure the ends are firmly connected at the SSW1020 control panel jack marked INPUT and at the SUBWOOFER PRE-OUTPUT of your Toshiba XB-2000 or other surround-sound amplifier. Loose connections will prevent audio signal from reaching the subwoofer, causing a lack of sonic output.

If these procedures do not eliminate the problem that you are experiencing or you have additional questions, call the Toshiba Customer Support Center at (800)631-3811 and speak with a customer service agent.

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TOSHIBA AMERICA CONSUMER PRODUCTS, INC.

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