

Discover yours.



## CONGRATULATIONS

We sincerely thank you for having granted Totem the special place in your living environment. These speakers are designed to redefine your musical understanding and open up corridors of new experiences. We hope you not only enjoy but experience Totem as your guide to a new and rewarding listening environment! You will without a doubt experience a Totem moment.

## OUR VISION

Totem Acoustics' mission is to develop loudspeakers capable of reproducing a truly musical and involving performance. Our goal is to provide designs that are both affordable and real 'soul movers' for the music lover and surround lover. Music of any period, country or style is accurately and emotionally rendered with a powerful focus that is yet soul stirring.

Each speaker is a 'piece de resistance' that attests to the profound sound staging that can be reproduced by flexible and innovative engineering. Listen and believe...

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## TOTEM LIMITED WARRANTY ON SUBWOOFERS

**Please register online at [www.totemacoustic.com](http://www.totemacoustic.com) within two weeks of the purchase date.**

**The Totem speakers must be purchased from a TOTEM AUTHORIZED DEALER.**

Keep your original bill or receipt obtained from your Totem Authorized Dealer.

Retain the sturdy carton and all packing material; if needed, it will prove invaluable for damage-free transport or storage.

All Totem products are created with the utmost care and quality in mind. If ever a problem should arise, Totem's subwoofers are covered by a **two (2) year limited warranty**, starting from the date of purchase. The warranty applies to products in normal home use only. The warranty is void if serial numbers have been altered or removed. The warranty is void if products show signs of abuse. The warranty is void if the subwoofer has been tampered with.

The subwoofer requires **at least 85-100 hours** of actual break-in time period. During this time, refrain from playing the unit at very loud levels. You will notice a definite gradual improvement as your unit breaks in. Should servicing be required please contact your Totem Authorized Dealer.

We reserve the right to any future change or modification without notice. If you have any further queries or require any classifications, feel free to contact your Totem Authorized Dealer.



For further assistance, contact your **TOTEM AUTHORIZED DEALER** or visit the Support Section of the Totem website at **[www.totemacoustic.com/support](http://www.totemacoustic.com/support)**.

# USER MANUAL

## THUNDER II SUBWOOFER

### **Congratulations on your new Totem subwoofer: Thunder II**

A reference sub designed to seamlessly blend with your Totem speakers in any stereo or home theatre application.

Please take the time to fully read this manual prior to beginning set-up. The manual will clearly guide you to achieve the best possible sound that these newly acquired Totem speakers are capable of providing.

## UNPACKING

Totem Acoustic keeps to a strict quality control regimen and all factory-sealed products leave our facility in perfect condition. If there are any damages visible or concealed that has occurred in handling it must be reported immediately to your Totem Authorized Dealer.

Carefully remove the speaker(s) from the box(es); take caution as the size often deceives the actual weight. Save all custom cartons and packaging foam for future use. They are rather expensive and may come in handy for future upgrades.

## PRODUCT FEATURES / SPECIFICATIONS

- 10-inch subwoofer, cast frame, rubber surround
- Externally identical double passives
- Built in 300 watt peak RMS high efficiency amplifier
- Adjustable (40 to 150Hz) Low-pass crossover
- Line level (RCA) inputs
- Signal sensing auto turn/off button
- Variable volume control
- 0 to 180 phase control
- Frequency response 22-150Hz
- Bash Compression circuit prevents amp. Clipping
- Power indicator LED
- Removable power cord



## SAFETY INSTRUCTIONS



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 electric 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.

1. Read instructions: all safety and operating instructions should be read before this unit is operated. If you discover any damage, please contact your retailer immediately.
2. Follow instructions: all operating and usage instructions should be followed.
3. Heed Labels: all labels on this system should be adhered to.
4. Attachments: do not use attachments not recommended by the product manufacturer as they may create hazard.
5. Water and moisture: do not let water or extreme moisture come in contact with this product. Refrain from using the unit near any appliance that utilizes water, or in any room that has excessive moisture.
6. Heat/ventilation: This product should not be placed in built in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to. The product should be situated away from heat sources such as radiators, heat registers, stoves and other products (including amplifiers) that produce heat.
7. To protect the Totem Subwoofer, avoid microphone feedback, continuous and excessive output from electronic musical instruments or excessive signal distortion.
8. 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 the power supply of your home, consult your product dealer or your local power company.
9. Ground or polarization: this product 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 power 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 should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
10. Power cord protection: the power supply cord 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 the plugs, convenience receptacles, and at the point where they exit from the product.
11. Overloading: do not over load wall outlet, extension cords, or integral convenience receptacles as this can result in a risk of fire or electrical shock.
12. Objects and liquid entry: never push objects of any kind into the product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electrical shock. never spill liquid of any kind on the product.
13. Cleaning: unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. If necessary, use a damp cloth for cleaning.

1. Service: do not attempt to service this product yourself. Opening or removing covers may expose you to dangerous voltages or other hazards. Refer all servicing to qualified service personnel.
2. Damage requiring service: unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - if the power supply cord or plug is damaged.
  - if liquid has been spilled or objects have fallen into the product.
  - if the product has been exposed to rain or water.
  - if the product does not operate normally by following operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
  - if the product has been dropped or damaged in any way.
  - if the product exhibits a distinct change in performance despite verifying that all system connections are correct.

**Replacement parts:**

If replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part unauthorized substitutions may result in fire, electric shock, or other hazards.

## CAUTION

**To prevent electrical shock do not use the electrical plug of your Totem Subwoofer with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent exposure. To protect against the risk of electrical shock do not use near bathtubs, sinks, swimming pools, saunas, in wet basements, near other water sources, or rain. If service is required, please refer to your Totem Authorized Dealer.**

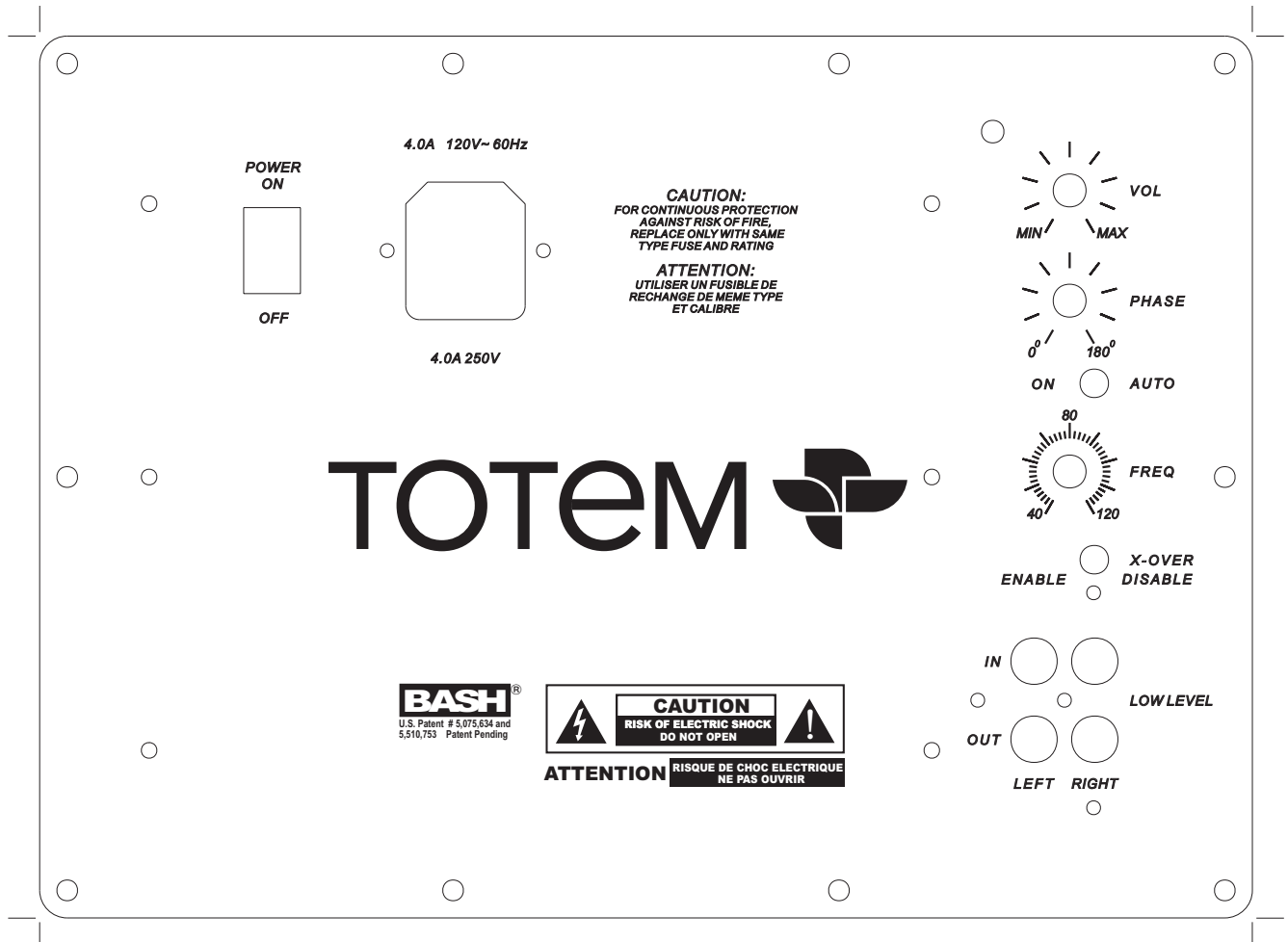
## WARNING

**All connections must be made before the Totem subwoofer is turned on.**

Use the GAIN dial and or switch to match the loudness of the subwoofer to main speakers. Generally, the final position is set between 9 and 12 o'clock. For optimum performance it is recommended that you do not turn the unit too loud during a break-in period of about 95 hours.

Use the PHASE dial and or switch to adjust the phase of the Totem subwoofer to your main speakers. When in phase the system will give a much fuller bass response. If your main speakers become brighter than usual it means the system is out of phase and needs readjusting. The simplest way to adjust the phase of your system is to have a second individual to vary the PHASE dial and or switch as you are sitting in the listening positioning.

## CONNECTIONS



Prior to making any connections make sure the power switch is set to OFF and the VOLUME dial is set to its minimum value.

If connecting from a processor or a preamp, connect using a pair of RCA interconnects from PRE-OUT (on preamplifiers and surround processors) or SUB-OUT (on surround sound processors) to LOW LEVEL IN terminals on the subwoofer. When connecting from a SUB-OUT on a surround sound processor only one interconnect is required and can be used with either LEFT or RIGHT LOW LEVEL IN RCA terminals on the subwoofer.

If you wish to “daisy chain” a second subwoofer, using RCA interconnects, connect from PRE-OUT or SUB-OUT (preamp or surround sound processor) to LOW LEVEL IN on the closer subwoofer and its LOW LEVEL OUT to LOW LEVEL IN to the further one.

Connect the power cord to the A.C. power inlet on your subwoofer and then directly to the A.C. receptacle on the wall. Turn the unit on.

**Note:** The Totem **Thunder II** is available for 120V and 230V operation. Make sure you have the right unit before connecting it to the A.C. supply.

## ADJUSTMENTS

The VOLUME, FREQUENCY DIALS are used to tune the subwoofer to your speaker, whether set for surround sound or stereo application. Depending on the placement near a wall or a corner, the final position of the dials should blend the **Thunder II** seamlessly to your system.

Use the GAIN dial to match the loudness of the **Thunder II** subwoofer to main speakers. Generally, the final position is set between 9 and 12 o'clock. For optimum performance it is recommended that you do not turn the unit too loud during a break-in period of about 100 hours.

Use the PHASE dial to adjust the phase of the Totem **Thunder II** subwoofer to your main speakers. When in phase the system will give a much fuller bass response. If your main speakers become brighter then usually it means the system is out of phase and needs readjusting. The simplest way to adjust the phase of your system is to have someone vary the PHASE dial as you are sitting in the listening position.

The Totem **Thunder II** subwoofer is equipped with an automatic standby mode. If the unit does not receive a signal, it will automatically go into "standby". This feature eliminates the need to turn the subwoofer off after each listening session, The Totem **Thunder II** subwoofer will automatically resume power one a signal is sent to the sub.

Use the low-pass FREQUENCY dial to adjust the cut-in frequency of the subwoofer. (usually between 40 and 70 Hz for floorstanding speakers and 70Hz and up for Bookshelf speakers)

Use the crossover ENABLE/DIABLE switch to enable or disable the Totem **Thunder II** Subwoofer crossover.

## MOUNTING INCLUDED GRILLS

The set of three grills do not come with the Totem **Thunder II** subwoofer and must be purchased separately.

We do not recommend the application of the grills if you wish maximum performance, however if for aesthetic reasons you desire to use the grills just follow these easy instructions:

To mount the grills, first apply Velcro to the four corners of each grill. Then line up all three grills so they are laterally centered over the front driver and at an equal distance from the cabinet's top edge. Press all four corners of each grill to secure grill to the subwoofer cabinet.

## FEET INSTALLATION

Turn the subwoofer on its top and secure it on one of the packaging foam end caps to prevent cabinet damage. Peel back the adhesive cover of each supplied rubber piece and place as shown below.





## CARE OF SUBWOOFER

This unit does not require any type of regular maintenance. Dust and clean the surface using a soft damp cloth. Abrasive detergents and solutions may result in damage to the cabinet and woofer.

## PROTECTION CIRCUITRY

The **Thunder II** subwoofer is equipped with a special protection circuitry to provide maximum performance and reliability.

## PLACEMENT

When using the Totem II subwoofer in a stereo setup its ideal location is between the main speakers or right beside them. When the Totem subwoofer is used in a home cinema system it is recommended to place it in a corner. Be careful not to place the subwoofer too close to the corner, or it will start to sound congested, causing detail loss. Also make sure not to place the sub equidistant from the two walls in your corner. As every room is different, experimentation is the key to determining the optimal location for the Totem subwoofer.

Always keep in mind that frequency response and output level can be significantly affected / influenced by placement all depending on the room's acoustic properties.

**Caution!** This subwoofer has electronics built into the cabinet. Do not place the cabinet next to sources of heat such as furnace registers, radiators, etc. Do not place the unit near sources of excessive moisture, such as evaporative coolers, humidifiers, etc. The power cord should be routed in such a way that it will not be walked on, pinched, or compressed in any way that could result in damaging the insulation or wire.

When using the **Thunder II** in a home cinema setup it is recommended to place it in a corner. The corner location offers the greatest output levels and optimum low frequency extension. Be careful not to place the subwoofer too close to the corner, or it will begin to sound congested, causing detail loss. Also make sure not to place the unit equidistant from the two walls in your corner.

In order to achieve maximum performance your **Thunder II** subwoofer requires proper positioning. We suggest you experiment with the location during your setup to find where it sounds best while seated in your listening position.

Wherever the placement choice, the subwoofer must always remain in an upright position with the woofer facing forward. If unit is stored, shipped or used in any other position for an extended period of time, damage not covered by warranty may result.