

ASW-8
ASW-10

POWERED
SUBWOOFER

BASH[®]
AMPLIFIER TECHNOLOGY



ASW-8



ASW-10

tSc *the **Speaker** company*

tSc

USER'S MANUAL

www.thespeakercompany.com

Thank You for your Purchase!

Congratulations on purchasing this tSc powered subwoofer and thank you for your business. We are particularly proud of the extraordinary performance and value these subwoofers represent. We sincerely appreciate your confidence in us and our products and recognize you have many choices when it comes to home entertainment products. Whether you will be using your subwoofer for music, home theater, or both, we wish you many years of pleasurable listening. In order to get the most from your new speakers, please take a moment to fully read this User's Guide. If you have any questions do not hesitate to contact tSc.

Contents and Cautions

Your new tSc ASW Series Powered Subwoofer package should contain:

- 1) **Powered Subwoofer**
- 2) **Separate Power Cord (ASW-10 only)**
- 3) **User's Manual**
- 4) **Warranty Registration Card**

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. **WARNING:** To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.
16. To completely disconnect this equipment from the mains, disconnect the power supply cord plug from the receptacle.
17. The mains plug of the power supply cord shall remain readily operable.



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.



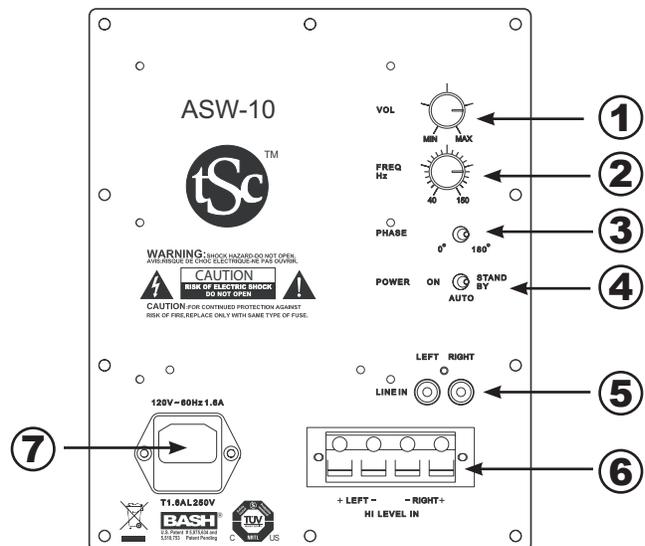
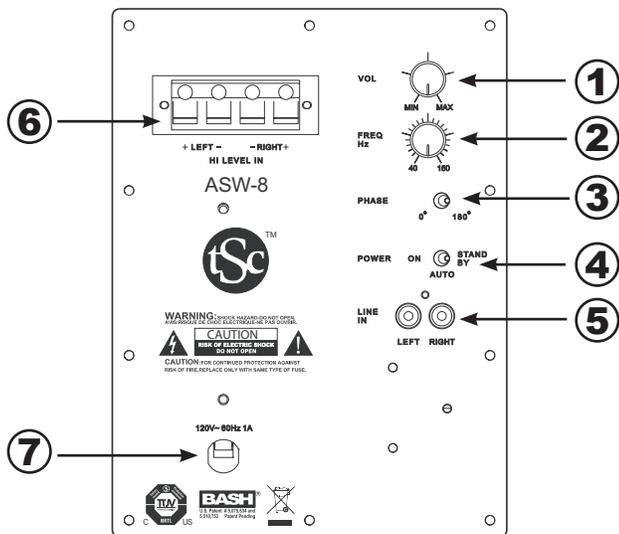
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.



Before you begin, please take inventory of the items packed in the carton and thoroughly read all instructions or cautions. If any of the contents are missing or damaged, please contact us. We also suggest that you save the carton and original packing should you ever need to ship your speakers, as shipping damage is not covered by the factory warranty.

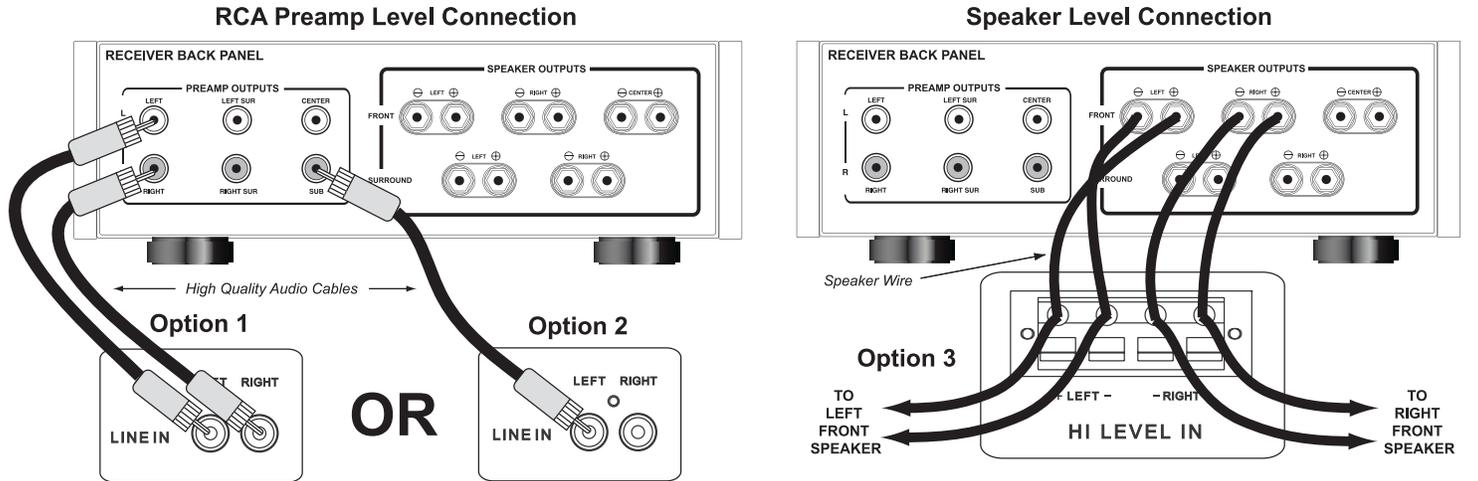
Rear Panel

- 1) **Subwoofer level control**
- 2) **Low Pass crossover frequency adjustment**
- 3) **Phase 0°/180° switch**
- 4) **On/Auto/Standby switch**
- 5) **Line level RCA inputs**
- 6) **Speaker level inputs**
- 7) **Fuse holder/power cord socket**



Connections

There are three connection options; two choices for preamp level inputs (LINE IN) or one for speaker level inputs (HI LEVEL IN).



Option #1

Connect the receiver's Front LEFT and RIGHT channel preamp outputs to the LEFT and RIGHT "LINE IN" RCA jacks on the subwoofer's amplifier panel.

Option #2

Connect the receiver's SUB or "LFE" preamp output to the LEFT "LINE IN" RCA jack on the subwoofer's amplifier panel. The inputs are summed together internally.

Note: In this configuration, leave the crossover setting at the highest frequency.

Option #3

Connect the receiver's Front LEFT and RIGHT speaker outputs to the LEFT and RIGHT "HI LEVEL IN" connectors on the subwoofer's amplifier panel. Then, connect the front speakers as well, either to the subwoofer connector (as shown) or at the receiver.

Note: Observe correct polarity, + to + and - to -.

Placement and Setup

When placing your new subwoofer, you may want to consider which locations yield the best results. Often this is a little trial and error, but in general any subwoofer will produce more apparent bass when you put it in a corner. It will usually produce somewhat less bass if you place it along a wall but away from a corner. It will produce the least bass if you place it out into a room and away from walls and corners. Consider those tips when experimenting with placement.

Before you begin, ensure your subwoofer is hooked up properly and the controls are set at these initial settings.

- **On/Auto/Standby:** **On or Auto**
- **Subwoofer Volume:** **12 o'clock or slightly higher**
- **Phase:** **0°**
- **Crossover Frequency:** **120 Hz (ASW-10) or 160Hz (ASW-8)**

Once you've done this, relax! We're not going to impose a lot of back-breaking labor as you lift your and move it from place to place, listen, and then move it again. Rather, you're simply going to take advantage of the fact that room resonances are bi-directional! In other words, rather than moving the subwoofer around, place it in your listening position and YOU move around the room. Easy!

- 1) Place your subwoofer in your favorite chair or the primary listening position
- 2) Move around the room and sample locations in the corners, even those close to the floor while listening for the best sound.
- 3) When you hear what you think is pleasing bass, just move the subwoofer once – directly to that spot! And you're done!

Once you've found the subwoofer's "sweet spot", you can tweak performance even more!

- Switch the Phase control to the 180° position and listen. Does the bass sound more solid and substantial? If so, leave the phase control there. Or did bass lose impact and sound more "hollow" and "thin"? If so, switch the control back to its original position.
- Use the Subwoofer Volume control to reduce subwoofer volume if the whole bass spectrum sounds overpowering compared to the sound from the other speakers. Or turn it up a bit if those explosions or bass notes feel a bit anemic.
- Experiment with the Crossover Frequency control to fine tune the upper bass response so you're your subwoofer and your wide range speakers are working optimally. Read the owner's manual for those speakers for guidance on what setting will work best. Note - if you connected the sub using Option #2 (SUB or LFE channel output on a 5.1/7.1 receiver, leave the crossover in the highest setting.)

What you will find that in going through the setup process is that all of these adjustments interact. In other words, changing the Phase setting may mean you'll have to increase or reduce the Volume setting a bit, etc. Again, experimentation is the key.

Break-In

All brand new speakers require "break in" time. You'll notice gradually improved sound, particularly in the first few weeks of use, as the moving parts (voice coils, spiders, diaphragms, surrounds, etc.) settle and begin to work optimally together. tSc powered subwoofers can play very loud for their size and power, so please be considerate of your neighbors. Note that excessive volume can damage both your hearing and your speakers and that your factory warranty does not cover either event. If the program material ever sounds distorted, lower the volume at once or readjust the subwoofer level.

Cleaning

Lightly dust the subwoofer cabinet regularly. The finish is durable but you should never use any harsh solvents or cleaners. Avoid touching the driver itself and do not spray any cleaners or liquid near the amplifier panel or into the port.

Specifications:

Specification	ASW-8	ASW-10
Woofer Size / Type	8" (20cm) High Xmax	10" (25.4cm) High Xmax
Dynamic Amplifier Power	200 Watts	400 Watts
Peak Amplifier Power	100 Watts	200 Watts
RMS Amplifier Power	50 Watts	100 Watts
Frequency Response	35Hz-150Hz	27Hz-120Hz
Variable Low Pass Filter	40Hz-150Hz @ 24dB/oct	40Hz-120Hz @ 24dB/oct
Inputs	Speaker Level and RCA	Speaker Level and RCA
Power Modes	On / Off / Auto Sensing	On / Off / Auto Sensing
Dimensions (US - inches)	14.2" x 12.2" x 12.2"	16.4" x 14.4" x 14.4"
Dimensions (Metric - cm)	36.1 x 31 x 31	41.6 x 36.5 x 36.5
Weight	22 lbs (10kg)	28 lbs (12.6kg)

Specifications subject to change without notice

Limited Warranty:

THE SPEAKER COMPANY ("Warrantor") warrants to the original purchaser thereof all parts of every new THE SPEAKER COMPANY's product to be free from defects in materials or workmanship, as hereinafter provided, for five (5) years (loudspeakers only) or one (1) year (all electronics) from the date of original retail purchase. This warranty is extended to the original end-user purchaser only and is not assignable to any party.

Warrantor will replace any equipment covered by this warranty which becomes defective, malfunctions, or otherwise fails to conform with this warranty under normal use and service during the term of this warranty using new or remanufactured products or components, at no charge for parts or labor. If Warrantor is unable to provide replacement, Warrantor may refund the purchase price paid therefore.

In order to obtain warranty service, the equipment, together with the original or a machine reproduction of the bill of sale or other dated, proof-of-purchase document describing the equipment, must be returned with the product. You may obtain warranty service by contacting The Speaker Company Product Support at productsupport@thespeakercompany.com. Any evidence of alteration, erasing or forgery of proof-of-purchase documents will be cause to void the warranty. Non-warranty repairs may be available at parts and labor basis.

This warranty does not cover customer installation, setup, adjustments, malfunctions, or failures resulting from acts of God, accidents, abuse, misuse, operation contrary to furnished instructions, operation with faulty associated equipment, modification, alteration, improper servicing, tampering, or normal wear and tear, or equipment used for commercial, industrial or professional purposes. Equipment on which the serial number has been defaced or removed shall not be eligible for warranty service. Should any equipment submitted for warranty service be found ineligible therefore, an estimate of repair cost will be furnished and the repair will be accomplished only if requested by the owner and upon receipt of payment or acceptable arrangements for payment.

ANY IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED IN DURATION TO THE PERIOD OF TIME SET FORTH ABOVE. WARRANTOR SHALL NOT BE RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSION 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. This is the only express warranty applicable to this equipment. Warrantor neither assumes nor authorizes anyone to assume for it any other express warranty.



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ASW810_OM_Rev1.1_7/2008

