



BSC-100m / BSC-60s Quick Start Guide

Thank you for your purchase of the BSC-100m/ BSC-60s Class A power Amplifier.

Below is a quick set of basic instructions to review before you connect and listen to your new amplifier. If there are any questions or concerns on the operation of this amplifier please do not hesitate and contact your BSC Dealer or BSC directly.

Bret D'Agostino
Owner and Chief Designer

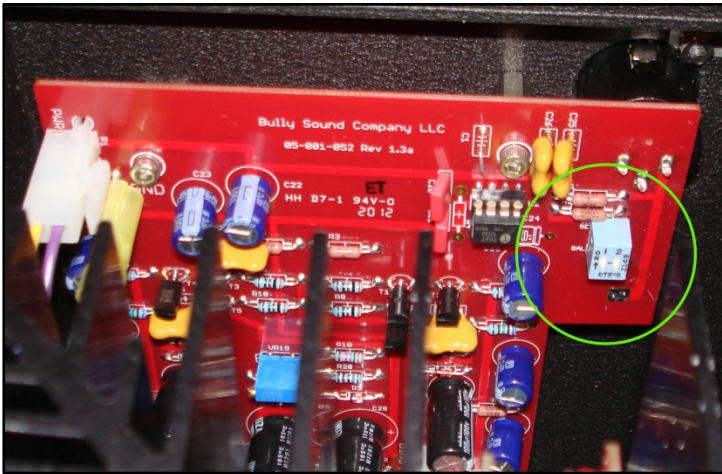
1. Place the BSC-100m/60s on a firm level surface free from moisture or debris. This amplifier is very heavy and caution should be used while unpacking and choosing a final installation location. (Save your packing material)
2. The BSC amplifiers run hot to the touch, the vents located on the top and bottom of the amplifier chassis should not be obstructed in any way. The amplifier has ample height clearance to be placed on most carpeted surfaces, if additional clearance is necessary then the use of an amp stand or equipment rack shelf is recommended.
3. Connect the AC power cord. The BSC-100m/60s uses a 20amp C19 style power cord. The use of aftermarket power cords is acceptable as long as they are made to a high quality standard and do not current limit the product. Experiment to find the one that compliments your system.
4. Connect the Interconnect cable(s). The BSC-100m/60s offers both Balanced via XLR connectors and Single-ended via RCA connectors. NOTE: When using the single-ended input, please refer to the diagram below to set the amplifier to single-ended mode. Units are shipped with the Balanced XLR mode active.

NOTE: To skip opening the unit and changing switch positions, the use of a XLR shorting pin between Pin 1 and 3 can be utilized.

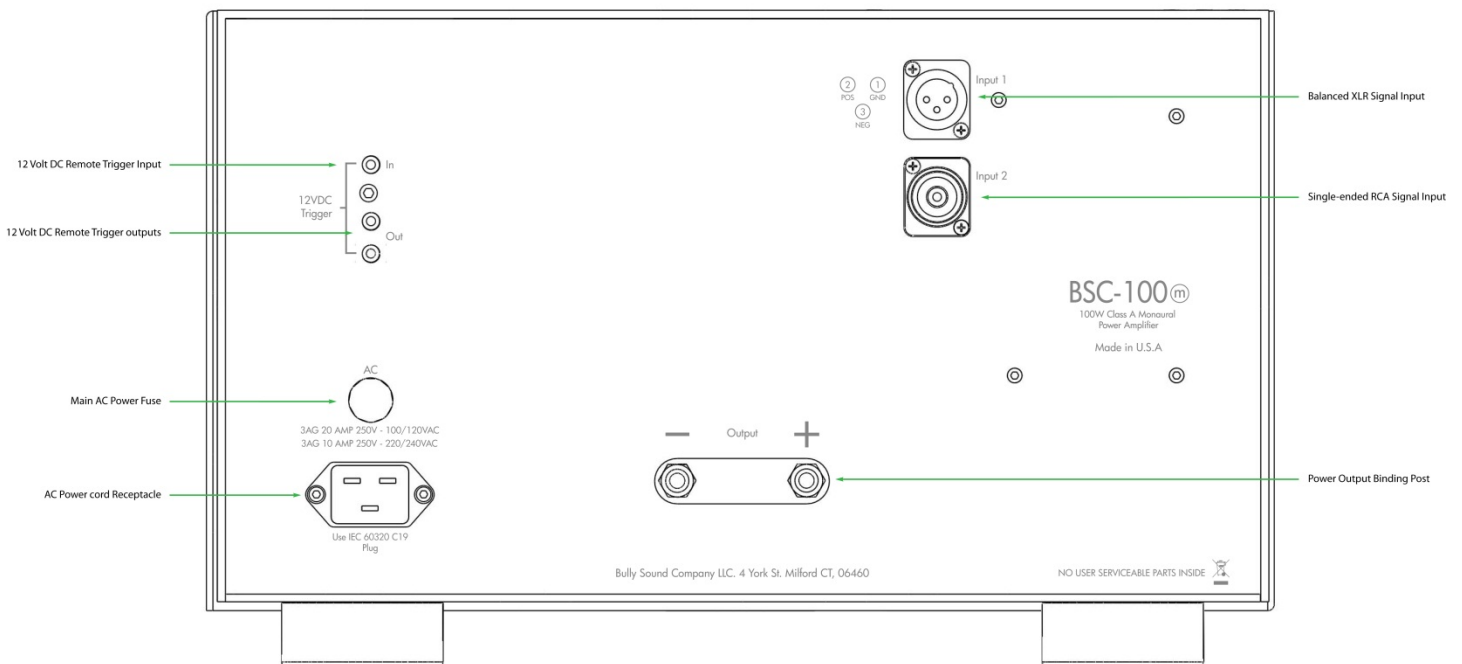
To configure the BSC-100m/60s to operate in Single-ended mode:

- A.** Turn off the amplifier and remove the power cord.
- B.** Remove the top cover screws (T-20 Torx). From above the unit pull the top cover straight up towards you and set aside in a safe place.
- C.** Locate the circuit board(s) on the inside of the back panel. Slide the two switches circled in green on the diagram to the up or ON position. **NOTE:** BSC-60s requires the switches be set on both boards.
- D.** Replace the top in the correct position and insert the top cover screws.

CAUTION: DO NOT TOUCH ANYTHING INSIDE OF THE AMPLIFIER OTHER THAN THE DESIGNATED SWITCHES. HIGH VOLTAGE AND CURRENT CIRCUITRY IS EXPOSED WHEN THE TOP COVER IS REMOVED. DO NOT DROP OR SPILL ANYTHING INTO THE UNIT.



- 5. Connect the speaker cables to the output binding posts. The binding posts are designed to accept a 1/4" - 1/2" Spade lug or ring terminal only.
- 6. The BSC-100m/60s is equipped with a 12v DC trigger input and two 12v DC trigger outputs to allow various remote turn on schemes. Consult your BSC Dealer for remote turn-on options.
- 7. Diagram of the BSC-100m Back Panel:

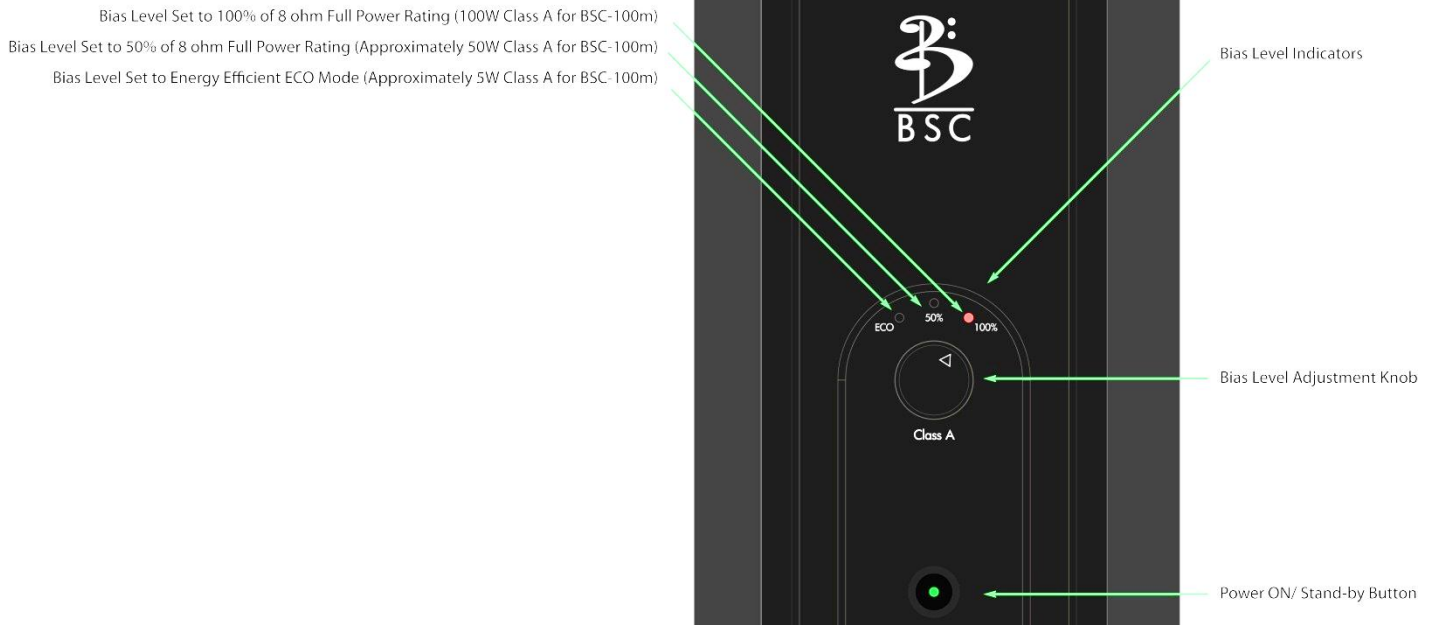


8. Select a bias mode from one of the 3 positions indicated above the front panel bias adjust knob. A corresponding LED will illuminate for each position. **NOTE:** Bias setting does not affect amplifiers power output. All three settings have the same amount of output power capability.

100% Bias = RED LED - The best Sonic performance Full Class A 100% mode

50% Bias = ORANGE LED - The second best for performance with approximately half rated power Class A, a great reduction in power consumption and heat output.

ECO = GREEN LED – good performance overall, minimal power consumption and heat. (Most economical mode).



9. Press the power button on the BSC-100m/60s front panel. The Red LED on the push button will change from Stand-by, RED to Power on, GREEN. After approximately 12 seconds you will hear a click from the amplifier indicating the protection relay has opened. **NOTE:** BSC-60s will have 2 clicks.

NOTE: If after 11-15 seconds a second click doesn't occur, there is a protection fault and the amplifier will not turn on. Check all of your input and output wiring to make sure it is correct and sound and try again. If it still doesn't click, remove the input connections and try again. If it works then, there is a problem in front of the amplifier ie... Pre-amplifier or source components which must be addressed before you can use it. Contact your authorized BSC dealer or BSC Factory for assistance.

10. You can now **Enjoy** the music...

