

# ADVANTAGE



POWER-AMPLIFIER **S-250**

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This symbol is intended to alert you to the presence of unisolated, dangerous voltage within the unit's case that may be sufficient magnitude to constitute a risk of electric shock.



This symbol is intended to alert you to the presence of important operating and maintenance instructions in the literature accompanying this unit.



To prevent fire or shock hazard, do not expose this unit to rain or moisture.



To avoid electrical shock, do not open the unit's case, there are no serviceable parts inside.



Refer all servicing to qualified personell only.



Marking by the "CE " symbol (shown left) indicates compliance of this device with the EMC (Electromagnetic Compatibility) and LVD (Low Voltage Directive) standards of the European Community.

The information contained in the manual is subject to change without notice. The most current version of this manual will be posted on our web site at <http://www.bladelius.com>.

## Introduction

Thank you for purchasing the ADVANTAGE S-250 Power-amplifier.

Your S-250 is a state-of-the-art unit, and has been assembled by highly skilled ADVANTAGE craftsmen to provide you with many years of listening pleasure. Our unit's esteem arises from the way we handle music-signals. ADVANTAGE develops products for people who wish absolutely natural and enjoyable music reproduction.

## "Burn-In"



Due to the extremely short signal paths designed and built into this piece of equipment, a significant "burn-in" period is required before the unit will reach its maximum sonic potential.

We recommend the unit be left on (or in standby mode) at all times, especially during the first 5-6 weeks of operation, in order to speed the "burn-in" process.

For best results, the S-250 should be left on or in the standby mode at all times. The unit should not be switched off via the master ON/OFF switch unless the unit will not be being used for a significant period of time (during vacations, etc.).

## Design

Reduction is the principle for the shaping of all ADVANTAGE components. The unobtrusive design harmonizes with almost every environment and does not compete with your personal sphere. The form refers to the tonal ability of the product line, whose composure and strength manifests a well-balanced equilibrium.

## Balanced signal transmission

Balanced signal transmission means that two signal lines are used which carry the same signal with opposite phase. On the receiving side, the signals are mixed. Since any noise interference that has arisen during transmission will be present in both lines with identical phase, such noise is canceled out, leaving only the pure original signal. Balanced connection therefore keeps the signal transfer free from any kind of interference.

## Unpacking

When you have received your S-250, you should make sure that the shipping box is in its original state. If however that should not be the case, please contact your dealer. Please unpack your unit carefully, there are several parts that can be damaged. We suggest that you to keep your box and shockabsorbers . Save your plastic bag, inserts, and carton. You may need these later for transporting the S-250 or for shipment in the event it ever requires factory service. Record the serial number (on rear panel) here for future reference:

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Please make sure that your shipping box contains the following:

- 1 pc ADVANTAGE S-250
- 1 pc Power cord
- 1 pc Owner's manual

## Placement

The S-250 Power-amplifier functions best when placed on a flat, stable surface.

Never place the S-250 near heat sources such as radiators, stoves, fireplaces or other heat-producing appliances. Avoid placing the the S-250 where it will be subjected to direct sunlight or extremely low temperature.

## Cleaning

To clean the unit, use only a soft tissue (Kleenex type). Never apply abrasive cleaners to the outer surfaces of the unit.



**Note!**

At no time should liquid cleaners be applied directly to the S-250, as direct application of liquids may result in damage to electronic components within the unit.

## Rear panel

### Balanced Input (1.)

The balanced inputs are intended to be used if your volume controlled sources / preamp. have XLR-outputs.

### Unbalanced Inputs (2.)

If your volume controlled sources / preamp. are not equipped with XLR-outputs, please use the line-input with RCA-connectors.

### Output Connectors (3.)

The outputs marked + or - respectively have the same output. Both pairs of terminals are intended to be used when you wish to "bi-wire" your speakers.

### Balanced/Unbalanced switch (4.)

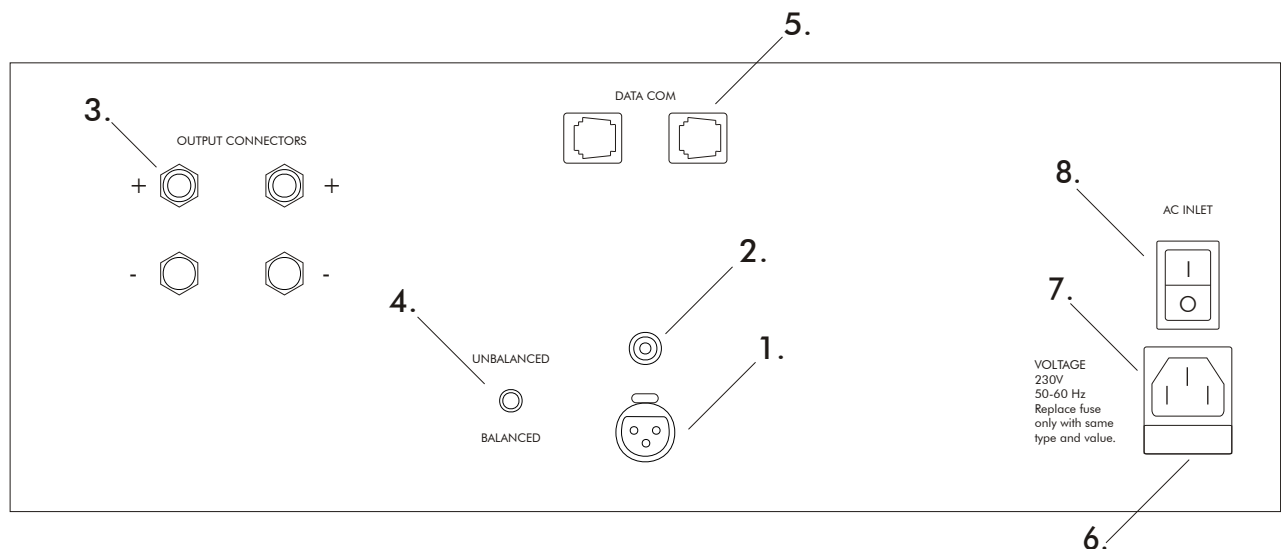
If you want to use the balanced inputs flip the switch towards the text "balanced" and vice versa in case of use of unbalanced

### Data Com (3.)

The Data com is used to exchange information with other ADVANTAGE products. If you for example connect your power-amplifier to the S-2 preamp you will be able to get information about the temperature on the heatsinks or to put the power amplifier in stand-by mode.

### AC Line Cord Receptacle (7.-8.-9.)

Plug the female end of the AC cord firmly into the AC receptacle and make sure that it is properly seated. Connect the male end directly to an AC wall outlet. Avoid use of an extension cord or power strip since these often degrade sound quality. Use the switch (8.) to turn ON/OFF master power.



## Front panel

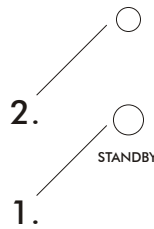
### Standby (1.)

For best results, the S-250 should be left on or in the standby mode at all times. The unit should not be switched off via the master ON/OFF switch unless the unit will not be being used for a significant period of time (during vacations, etc.).

### LED / Indicator (2.)

When you turn on the master ON/OFF switch the LED will flash until all circuits have reached full power. Given that there are no problems with the Input Signal, such as high DC-offset, the LED will after a few seconds have a steady light indicating that the S-250 is in operation. If, however, the LED starts to flash during operation it means most likely that the S-250 is overheated. Try turning the master switch off for a while and then turn it back on.

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## Trouble Shooting

Problem	Cause	Solution
No sound	<ul style="list-style-type: none"> <li>• Mains switch not on , mains connection not correctly attached .</li> <li>• S-250 is in Standby mode.</li> <li>• S-250 is in Protection mode.</li> <li>• A fuse is blown..</li> </ul>	<ul style="list-style-type: none"> <li>• Check the power cord and the mains switch.</li> <li>• Push Standby.</li> <li>• 1.)</li> <li>• 2.)</li> <li>• Contact your dealer.</li> </ul>
One channel is inoperative.	<ul style="list-style-type: none"> <li>• The Loudspeakers are not correctly connected or damaged.</li> <li>• Defective hookup cables, not correctly attached or damaged.</li> </ul>	<ul style="list-style-type: none"> <li>• Check the Loudspeakers and the connections.</li> <li>• Check the hookup cables.</li> <li>• Check your preamp/source..</li> <li>• Contact your dealer.</li> </ul>
Diffuse, weak bass/ weak stereo image.	<ul style="list-style-type: none"> <li>• The Loudspeakers are connected off phase.</li> </ul>	<ul style="list-style-type: none"> <li>• Check the Loudspeakers and connections..</li> <li>• Contact your dealer.</li> </ul>

1.)If the LED starts to flash during operation it means most likely that the S-250 is overheated. Try turning the master switch off for a while and then turn it back on.

2.) In the event of a fuse failure, locate the fuse access hatch under the AC mains plug. Replace the fuse only with the exact type originally provided with the S-250. Substitution of a larger fuse will void your warranty.



## Warranty

Contact your authorized ADVANTAGE dealer for details of our warranty policy.

## Obtaining Service

If your ADVANTAGE component must be serviced, please contact your dealer. Your dealer will then decide whether the problem can be remedied locally, or whether to contact ADVANTAGE for further service information or parts, or to obtain a Return Authorization.



### **Important!**

Return authorization must be obtained from our Technical Services Department BEFORE a unit is shipped for Service. It is extremely important that information about a problem be explicit and complete. A specific, comprehensive description of the problem helps your dealer and the Technical Services Department locate and repair the difficulty as quickly as possible.

A copy of the original bill of sale will serve to verify warranty status. Please include it with the unit when it is brought in for warranty service.



### **Warning!**

All returned units must be properly packaged (preferably in their original packing material), and the proper return authorization numbers must be marked on the outer carton for identification. If the packaging to protect the unit is, in our opinion or that of our dealer, inadequate to protect the unit, we reserve the right to repackage it for return shipment at the owner's expense. Neither ADVANTAGE nor your dealer can be responsible for shipping damage due to improper (that is, non-original) packaging.

Your dealer can order a new set of shipping materials for you if you need to ship your component and no longer have the original materials. There will be a charge for this service. We strongly recommend saving all packing materials in case you need to ship your unit some day.

**ADVANTAGE**  
Manufactured in Sweden