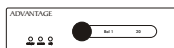


ADVANTAGE



INTEGRATED-
AMPLIFIER **S-100**

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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-100 amplifier.

Your S-100 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-100 should be left on or in the standby mode at all times. The unit should not be switched off by removing the power cord unless the unit will not be 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-100, 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-100 or for shipment in the event it ever requires factory service. Record the serial number (on rear panel) here for future reference:

Please make sure that your shipping box contains the following:

- 1 pc ADVANTAGE S-100
- 1 pc Remote control
- 1 pc Power cord
- 2 pcs Batteries LR03 (AAA) (mounted in the remote control)
- 1 pc Owner's manual

Placement

The S-100 functions best when placed on a flat, stable surface.

Never place the S-100 near heat sources such as radiators, stoves, fireplaces or other heat-producing appliances. Avoid placing the the S-100 where it will be subjected to direct sunlight or extremely low temperature.

Avoid placing the S-100 near strong electromagnetic fields, such as large power amplifiers. Placement of the unit near these fields can lead to problems with hum.

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-100, as direct application of liquids may result in damage to electronic components within the unit.

Rear panel

Output Connectors (1.)

The outputs marked + or - respectively should be connected to the corresponding connectors on your loudspeakers.

Balanced Input (2.)

The balanced input is intended to be used if your sources have XLR-outputs. If your source/sources are not equipped with XLR-outputs, please use the line-inputs with RCA-connectors.

Unbalanced Inputs (3.)

Each input has the same input sensitivity and impedance and is compatible with any typical analog line level source: DAT, MD, DVD, output of a Laserdisc or VCR, D-A converter, tape deck or phono pre-amplifier.

Tape out (4.)

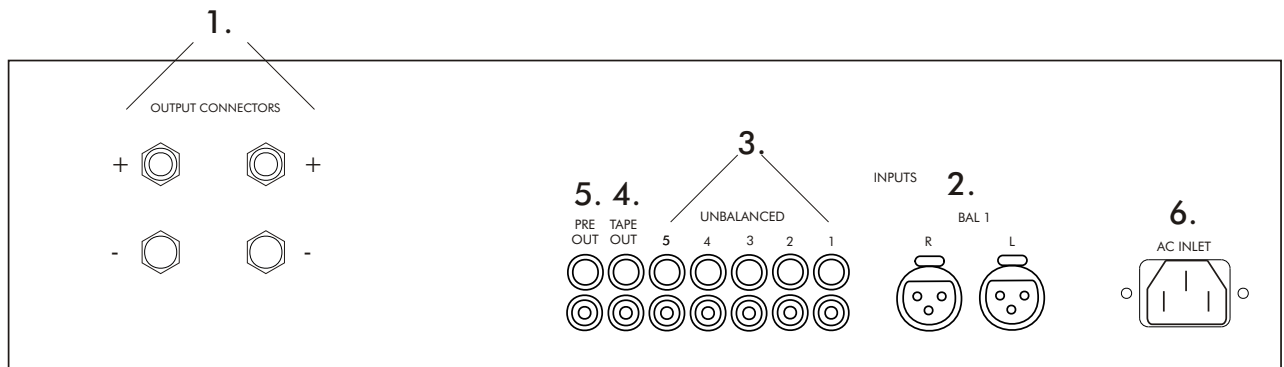
Make sure you connect inputs and outputs of the Right and Left channels consistently, otherwise channels will be exchanged when you replay a tape you had recorded through this system.

Pre out (5.)

If you want to use your S-100 as an pre-amp, just connect your power amplifier to the **Pre out** with RCA connectors.

AC Line Cord Receptacle (6.)

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.



Front panel

Standby (1.)

For best results, the S-100 should be left on or in the standby mode at all times. The unit should not be switched off by removing the power cord unless the unit will not be used for a significant period of time (during vacations, etc.).

Source (2.)

Use this button to select current input source.

Dim (3.)

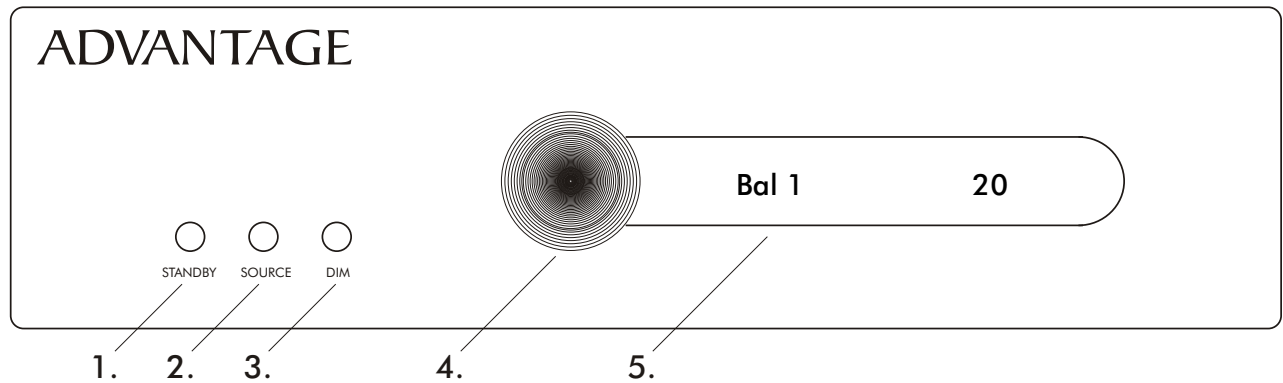
Push button to adjust the display brightness.

Volume control (4.)

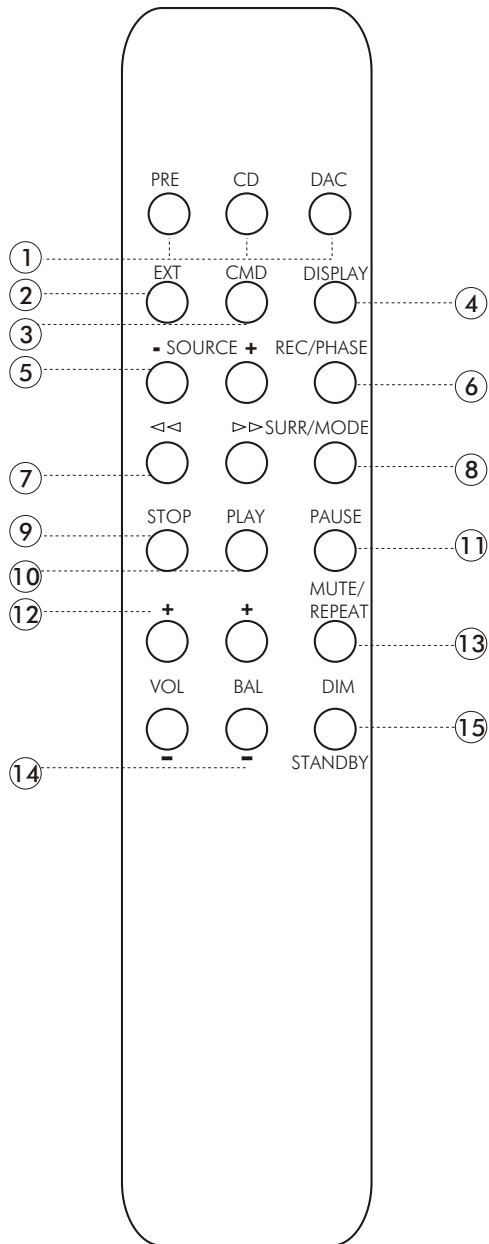
Use the “wheel” to choose output level.

Display window (5.)

The display window indicates the current status of the unit. All functions and programming features of the S-100 are accessed through the remote control.



Remote control



- ① **PRE/CD/DAC** activates all functions of each ADVANTAGE product. **PRE**-button is also for the S-2.
- ② **EXT** activates other ADVANTAGE products which are connected via data-com.
- ③ **CMD** gives access to the different commands available on the selected unit.
- ④ **DISPLAY** to get a quick overview of the current settings.
EDIT changes the names of the inputs.
- ⑤ **SOURCE** selects the current input source.
- ⑥ **REC/PHASE** record selector, push button, invert button, hold button for a second, DAC-1 and CD-1.
- ⑦ **SKIP** hold button: forward and rewind, push button: track forward and rewind.
- ⑧ **SURR** surround sound mode.
- ⑨ **STOP** push button to stop player.
OPEN hold button for a second to open.
- ⑩ **PLAY** starts playing the CD.
- ⑪ **PAUSE**
- ⑫ **VOL + -** volume settings.
- ⑬ **MUTE**
- ⑭ **BAL + -** balance settings.
- ⑮ **DIM** adjusts the display brightness, push button.
STANDBY switches the unit between operational and standby mode hold button for a second.

Input settings

Input level

To change the input level, select the input you wish to change, then step through the menu by pressing **DISPLAY/EDIT** until "Input level" is shown in the display window. To adjust input sensitivity, simply press **VOL+** to increase the input level or **VOL-** to decrease the input level. When set to the desired level, press **DISPLAY/EDIT** again to exit the menu. The new level will now be stored in memory.

If you do not wish to use this feature, it is best to leave the input levels at their factory preset level of "0".

Name

Select the input you wish to change, press **DISPLAY/EDIT** for more than 2 seconds. The first segment starts to flicker. Use **VOL +/-** to change the symbol and then step to the other segments using **SOURCE +/-**. When you have finished changing the symbols press **DISPLAY/EDIT**, once again, for more than 2 seconds.

Surround mode

If you have a surround processor and want to use your S-100 in "by-pass" mode you step through the menu by pressing **DISPLAY/EDIT** until "Surr" is shown in the display window and choose your default in/outputs using **SOURCE +/-**. To activate the surround- mode (by-pass) press the **SURR** button for more than two seconds.



Note!

The S-100 is equipped with a memory module which will remember all of the settings you have edited, allowing automatic access to the same settings (volume, input selection, alias names, etc.) that you last used before placing the unit into standby mode or if you turn the mains switch off.

Installing/Changing batteries in the remote control

This remote control uses two AAA 1.5V batteries.

Open/ Close the battery cover

To Open/ Close the battery cover, dismantle the screws that holds the cover on the back of the remote. Replace the batteries, please be sure to match the batteries with the (+) and (-) markings inside the battery compartment during installation. Finally screw the cover back on.

Trouble Shooting

Problem	Cause	Solution
No sound	Mains switch not on , mains connection not correctly attached . Mute is on. A fuse is blown..	Check the power cord and the mains switch. Push Mute. Contact your dealer.
One channel Is inoperative.	The loudspeakers are not correctly connected or damaged.. Defective hookup cables, not correctly attached or damaged.	Check the loudspeakers and the connections.. Check the hookup cables. 1.) Contact your dealer.
Diffuse, weak bass/ weak stereo image.	The Loudspeakers are connected out of phase.	Check the loudspeakers and connections.. Contact your dealer.
Remote control	The batteries are worn out, or not correctly mounted. IR transmitter or receiver blocked.	Check and/or exchange the batteries.. Move the obstacle. 2.) Contact your dealer.

1.) If only one channel remains inoperative, try reversing the Left and Right cables to your power amplifier (turn it off before moving wires). If the same channel stays out, it indicates trouble could be other than your preamp itself.

2.) The S-100 preamplifier is completely controlled by the remote control handset. If the unit does not respond to commands from the remote control, the useful life of the batteries may have expired. To replace the batteries, open the battery access door on the back of the remote control and replace the two AAA batteries. Make sure that the remote control sensor window on the front of the unit and the remote control emitter lens are kept clean and dust free.

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